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The Fourth *Fermi*-GBM Gamma-Ray Burst Catalog: A Decade of Data

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ABSTRACT

We present the fourth in a series of catalogs of gamma-ray bursts (GRBs) observed with *Fermi*'s Gamma-Ray Burst Monitor (*Fermi*-GBM). It extends the six year catalog by four more years, now covering the 10 year time period from trigger enabling on 2008 July 12 to 2018 July 11. During this time period GBM triggered almost twice a day on transient events of which we identified 2356 as cosmic GRBs. Additional trigger events were due to solar flare events, magnetar burst activities, and terrestrial gamma-ray flashes. The intention of the GBM GRB catalog series is to provide updated information to the community on the most important observables of the GBM-detected GRBs. For each GRB the location and main characteristics of the prompt emission, the duration, peak flux, and fluence are derived. The latter two quantities are calculated for the 50–300 keV energy band, where the maximum energy release of GRBs in the instrument reference system is observed and also for a broader energy band from 10–1000 keV, exploiting the full energy range of GBM's low-energy detectors. Furthermore, information is given on the settings of the triggering criteria and exceptional operational conditions during years seven to ten in the mission. This fourth catalog is an official product of the *Fermi*-GBM science team, and the data files containing the complete results are available from the High-Energy Astrophysics Science Archive Research Center (HEASARC).

Keywords: catalogs – gamma-ray burst: general

1. INTRODUCTION

With the completion of the first decade of operation, *Fermi*-GBM has been in orbit longer than its predecessor experiment, the Burst and Transient Source Experiment (BATSE)[1] on board the *Compton Gamma Ray Observatory* (CGRO, ~ 9 year of operation). Despite its lower sensitivity and smaller detectors, the GBM instrument is capable of detecting almost the same number of GRBs (~ 240 GBM GRBs compared to ~ 300 BATSE GRBs per year) mostly

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[1] https://gammaray.nsstc.nasa.gov/batse/

thanks to its advanced triggering system (Paciesas et al. 2012). Thus it successfully continues to detect and coarsely locate GRBs over a wide field of view (FOV), and to provide broad spectral information in the hard X-ray and soft gamma-ray energy range (8 keV–40 MeV) where bursts emit most of their energy.

The *Fermi*-GBM science team releases catalogs on a regular basis that list the main characteristics of triggered bursts, compiling the data of several completed mission years. These have included the first two (1st GBM GRB catalog, Paciesas et al. 2012), four (2nd, von Kienlin et al. 2014), and six (3rd, Bhat et al. 2016) mission years, which are now continued by the current 10 year catalog. The first two catalogs were accompanied by spectral catalogs, for the first two (Goldstein et al. 2012) and four (Gruber et al. 2014) mission years, which provide more detailed information on the spectral characteristics of nearly all GRBs, including the time-integrated fluence and peak flux spectra. These results are updated by the current 10 year spectral catalog (S. Poolakkil et al. 2020, in preparation). A time-resolved spectral analysis of the brightest 81 GRBs observed during the first four mission years is provided in the first time-resolved spectral catalog (Yu et al. 2016). It will be continued in a forthcoming catalog (E. Bissaldi et al., in preparation) presenting the time-resolved spectral analysis for the brightest GRBs of the first 10 years.

The GRB detection capabilities of GBM are augmented by *Fermi*'s primary instrument, the Large Area Telescope (LAT), which overlaps and extends the GBM energy range (30 MeV–300 GeV), allowing observations over more than seven decades in energy. The second LAT GRB catalog (Ajello et al. 2019), which covers the first 10 year of operations, from 2008 to 2018 August 4, lists 176 GRBs jointly detected by LAT and GBM, emphasizing the great scientific merit of LAT in uncovering previously unknown characteristics of GRBs at high gamma-ray energies. Examples include the delayed onset and extended duration of the emission above 100 MeV and the observation of additional spectral components. We note that LAT detected an additional 10 GRBs that were independently detected by instruments other than GBM.

In addition to the standard *Fermi*-GBM GRB catalog products, which are the GRB location, duration, peak flux, and fluence, the first three catalogs provided supplementary information. Paciesas et al. (2012) investigated the apparent improvement in trigger sensitivity relative to BATSE, which was discussed in more detail in the second catalog (von Kienlin et al. 2014), including a comparison of the numbers of BATSE- and non-BATSE-like GBM GRB triggers. The six year catalog (Bhat et al. 2016) provided an accurate estimate of the daily burst rate and employed statistical methods to assess clustering in the GRB duration-hardness distribution. It was found that the GRBs are better fit by a two-component model with short-hard and long-soft bursts than by a model with three components.

Table 1. Trigger statistics of the first 10 mission years, subdivided into 2 Year sections.

Cat #	Year[a]	GRBs	SGRs	TGFs	SFs	Galactic	CPs	Other	Sum	ARRs[d]	LAT GRBs
1	1 to 2	494[b]	150	79	29	4	55	52	862[c]	40	38
2	3 to 4	466	17	183	363	0	132	59	1220	47	29
3	5 to 6	451[b]	9	207	399	2	90	65	1223	33	42
4	7 to 8	464[b]	65	215	318	173	422	82	1739	47	36
4	9 to 10	485	17	196	67	228	324	73	1390	53	41
4	1 to 10	2360[b]	258	880	1176	407	1023	331	6434	220[e]	186

[a] The triggers of a mission year are always counted from July 12 to July 11 of the following year, starting with trigger enabling on 2008, July 12.

[b] GRB 091024A, GRB 130925A, GRB 150201A and GRB 160625B each of which triggered GBM twice, are counted twice. Hence, the total number of GRB's is one less in mission years 1 and 2 and 5 and 6, two less in missions years 7 and 8 and four less for the ten year sum.

[c] The total numbers of triggers is two less compared to Paciesas et al. (2012), since the two commanded triggers (bn100709294 & bn100711145) were not counted.

[d] derived from the *Fermi* timeline posting page at FSSC: https://fermi.gsfc.nasa.gov/ssc/observations/timeline/posting/arr/

[e] Due to misclassification of events as GRBs by the flight software (FSW), 48 of the ARRs occurred for other event types. Of these, 34 occurred due to charged particle events, 5 occurred due to SGR events, 8 occurred due to solar flare events, and 1 was due to a TGF event. In addition, there were a few positive ARRs from GBM triggers followed by no spacecraft slews, which were disabled at the spacecraft level at that time. In a few cases, the spacecraft slew started well after the GBM trigger due to Earth's limb constraint.

The intention of the GBM catalogs is to provide the community a foundation upon which to perform more detailed follow-up analysis, taking advantage of the huge dataset of GBM-detected GRBs, and to act as a general reference. Numerous studies using the previous GBM catalogs have been presented elsewhere (e.g. Kovacevic et al. 2014; Charisi et al. 2015; Pe'er 2015; Calderone et al. 2015; Kaneko et al. 2015; Aartsen et al. 2015; Tarnopolski 2015; Hurley et al. 2017; Abbott et al. 2017a; Andrade et al. 2019). Furthermore we emphasize the relevance of the GBM data for multi-messenger astrophysics, which has assumed greater importance following the first coincident detection of gravitational waves (GW) and electromagnetic (EM) radiation from the same event, namely the binary neutron star merger event detected by *Fermi*-GBM and LIGO on 2017 August 17 (Abbott et al. 2017b; Goldstein et al. 2017). Following this ground-breaking discovery, a search of the GBM data for GRBs with characteristics similar to GRB 170817A was conducted for the full time period of the current catalog (von Kienlin et al. 2019). A total of 13 candidates were identified during 10 mission years, from which it is predicted that *Fermi*-GBM will trigger on board on about one burst similar to GRB 170817A per year.

In order to highlight the successful operation of *Fermi*-GBM in its first decade of operation, Section 2 summarizes the 10 year trigger statistics. The GBM instrument, its data products, and onboard triggering capabilities were discussed in detail in the instrument paper (Meegan et al. 2009) and previous catalogs. Here we provide a short recap in the introduction of Section 3 and in Section 3.1. Section 3.2 presents the instrument configuration history of the latest four years, which augments the information provided in previous catalogs. Section 3.3 introduces a new tool for advanced ground processing, enabled early in 2016, which has been shown to facilitate the daily burst advocate (BA) work. The types of official GBM GCN products (circulars and notices) routinely derived from trigger data are described in Section 3.4. The standard catalog tables are presented in Section 4 and discussed in Section 5. Finally, in Section 6, we conclude with a summary.

2. TRIGGER STATISTICS

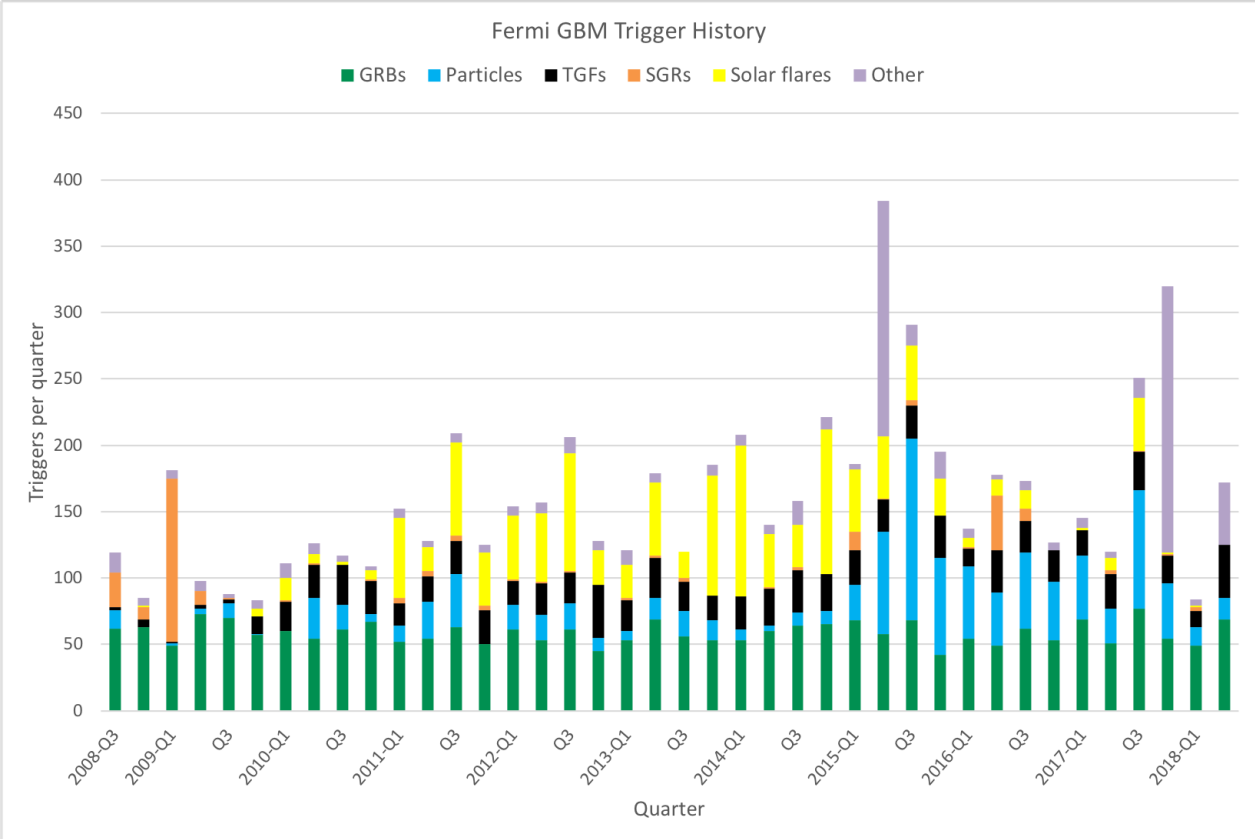

Figure 1. Quarterly trigger statistics over the first 10 years of the mission, starting from 2008 July 12 until 2018 June 30.

The merit of *Fermi*-GBM is best shown by its trigger statistics over the full time range of the current catalog (see Table 1 and Figure 1). During its first 10 years of operations, GBM triggered 6434 times, of which 2360 triggers are classified as GRB events. The remaining triggers include events from other cosmic and terrestrial sources, as well as sources of instrumental background such as terrestrial magnetospheric activity.

In accordance with the time periods covered by the first three GBM catalogs, which were two years each, the entries of Table 1 are subdivided into two year sections. Because the 4$^{\rm th}$ catalog adds a four year time period, the table lists it in two rows, covering two years each. The last row gives the full 10 year trigger statistics.

Table 1 lists, in addition to the GRB triggers, the numbers of triggers caused by other sources such as bursts of soft gamma repeaters (SGRs) due to magnetar activity, triggers on terrestrial gamma-ray flashes (TGFs), which are connected to thunderstorm activity in the Earth's atmosphere, and triggers on solar flares (SFs). Finally, in 2015 and 2017, non-SGR bursting activity from Galactic sources triggered GBM numerous times, as reflected in the column "Galactic".

In addition to bursts of gamma-rays, GBM triggers on charged particles (CPs) interacting with the sensitive detector volume, which are typically magnetospheric events, or, more rarely, cosmic-ray showers. Magnetospheric events occur predominantly in trapped particle regions traversed in the course of *Fermi*'s orbit, mostly in the entry or exit regions of the South Atlantic Anomaly (SAA) or at high geomagnetic latitude. Rarely do accidental triggers happen due to background fluctuations or the observed flux is too weak for the trigger source to be identified. These extra triggers are summed in the "Other" column of Table 1.

Table 1 also lists the number of Autonomous Repoint Requests (ARRs) generated by GBM during these intervals. The ARR capability allows GBM to repoint the spacecraft in response to particularly bright triggers, thereby bringing the burst direction into the LAT FOV and/or keeping it in the LAT FOV for an extended interval. This capability has been exploited successfully for most of the mission, but it has been disabled since 2018 March 16 due to issues with a stuck spacecraft solar panel.

The quarterly trigger statistics shown in Figure 1 reflect the temporal activity variation of the different kind of sources. The increased trigger rate on solar flare events during the solar maximum period between 2011 and 2017 is obvious, as is the prolific bursting activity of several magnetars. The latter mostly coincided during the first mission year, during which the activity of three sources predominated: SGR J1550–5418 (van der Horst et al. 2012; von Kienlin et al. 2012), SGR J0501+4516 and 1E 1841–045. A dedicated catalog summarizes the results on magnetars as observed by *Fermi*-GBM in the first five mission years (Collazzi et al. 2015). Non-SGR bursting activity of a few Galactic sources clearly stands out among the "Other" sources bar in the plot. These are mainly due to the bright source V404 Cyg, a black hole binary, in 2015 (2015-Q2) (Jenke et al. 2016) and to Swift J0243.6+6124 in 2017 (2017-Q4), a newly discovered Galactic Be/X-ray binary (Wilson-Hodge et al. 2018). Other triggers contributing to the "Other" sources bar are accidental triggers and triggers with uncertain source classification. A large fraction of the accidental triggers result from the algorithms that use BGO data. The significance levels of these triggers are purposely set low in order to increase the sensitivity for TGFs, which have typical durations much less than the minimum resolution (16 ms) of the data used for triggering.

An increased number of triggers on particle events is observed for the years 2015–2017, mainly by triggers during SAA entry and exit. This could be explained by expansion of the SAA beyond the predefined region stored in the GBM FSW, within which the high voltages of the GBM photo-mulipliers are switched off and no science data are taken, thereby disabling triggering. As expected, the quarterly rate of GRB triggers does not change significantly, fluctuating around a value of 60 triggers/quarter. The rate of triggered TGFs increased in 2009 November (2009-Q4) thanks to an update of the FSW, improving the capabilities for onboard triggering on TGFs. The actual catalog of *Fermi*-GBM TGFs (Roberts et al. 2018) includes, in addition to the offline identified TGFs, a list of 686 brighter TGFs, which were able to trigger the GBM FSW, detected since launch in 2008 July 11 through 2016 July 31. This catalog is accessible online[2].

3. FERMI-GBM: INSTRUMENT OVERVIEW AND UPDATES

Fermi-GBM is one of two instruments on the *Fermi Gamma-ray Space Telescope* which was launched on June 11, 2008. GBM is made up of two types of scintillation detectors: 12 NaI(Tl) detectors, sensitive from 8 keV to ∼1 MeV, and two BGO detectors, sensitive from 200 keV to 40 MeV. The NaI(Tl) detectors are arranged in four groups of

[2] *Fermi*-GBM TGF catalog at FSSC: https://fermi.gsfc.nasa.gov/ssc/data/access/gbm/tgf/

three on the corners of the spacecraft so that they view the whole unocculted sky. The BGO detectors are located on opposite sides of the spacecraft to enable an all-sky view. A detailed description of the instrument, its detectors and electronics can be found in the GBM instrument paper (Meegan et al. 2009).

3.1. *GBM Onboard Triggers and Data Products*

The GBM FSW continuously monitors the counting rates in each of several preset energy ranges and timescales and initiates a burst trigger when the rates in two or more detectors exceed fixed thresholds, defined in units of the standard deviation of the background rates. A detailed list of the current trigger levels is provided in Section 3.2. GBM produces triggered and continuous data types. Triggered data types, available since launch, include accelerated CTIME data (binned to 64 ms, 8 energy channels) and accelerated CSPEC data (binned to 1.024 s, 128 energy channels) for 10 minutes and Time Tagged Event data (individual events at 2 μs resolution, 128 energy channels) for 5 minutes after a trigger. The continuous data types are CTIME (256 ms, 8 energy channels) and CSPEC (4.096 s, 128 energy channels) available since launch and Continuous Time Tagged Event (CTTE) data (2 μs, 128 energy channels, available since an FSW update in 2012 November).

3.2. *Instrument Configuration History*

A total of 120 different trigger algorithms may be defined and operated concurrently, each with a specific combination of energy range, timescale, and threshold. Individual trigger algorithms may be disabled or enabled by telecommand. Originally, only data from the NaI(Tl) detectors could be used for triggering. However, beginning in 2009 the FSW was modified to include four additional trigger types that include data from the BGO detectors in their algorithms. Since launch the available energy ranges for triggering have not been changed. For the NaI(Tl) detectors these are, in units of keV: 25–50, 50–300, >100 and >300. For the BGO triggers the energy range from 2 to 40 MeV is used. The available trigger timescales range from 0.016 s to 8.192 s in steps of a factor of two. Except for the 0.016 s timescale, pairs of triggers on the same timescale may be offset by half of the time bin to improve the sensitivity (Band 2002). The first three GBM GRB catalog papers include the history of enabled triggers and their settings through the first six mission years[3]. Here we summarize the settings during the subsequent four mission years. Table 2 lists the enabled trigger algorithms at the start of mission year 7, along with their threshold settings, which were not altered subsequently.

Table 2. Trigger algorithms at the start of mission year 7

Algorithm Number	Timescale (ms)	Offset (ms)	Channels	Energy (keV)	Threshold (0.1σ) 2014, July 12
1	16	0	3–4	50–300	75
2	32	0	3–4	50–300	75
3	32	16	3–4	50–300	75
4	64	0	3–4	50–300	50
5	64	32	3–4	50–300	50
6	128	0	3–4	50–300	50
7	128	64	3–4	50–300	50
8	256	0	3–4	50–300	45
9	256	128	3–4	50–300	45
10	512	0	3–4	50–300	45
11	512	256	3–4	50–300	45
12	1024	0	3–4	50–300	45

Table 2 continued on next page

[3] We have to note that the threshold values listed in Table 2 of (Bhat et al. 2016) are wrong.

Table 2 *(continued)*

Algorithm Number	Timescale (ms)	Offset (ms)	Channels	Energy (keV)	Threshold (0.1σ) 2014, July 12
13	1024	512	3–4	50–300	45
14	2048	0	3–4	50–300	45
15	2048	1024	3–4	50–300	45
16	4096	0	3–4	50–300	45
17	4096	2048	3–4	50–300	45
18*	8192	0	3–4	50–300	50
19*	8192	4096	3–4	50–300	50
20*	16384	0	3–4	50–300	50
21*	16384	8192	3–4	50–300	50
22	16	0	2–2	25–50	80
23	32	0	2–2	25–50	80
24	32	16	2–2	25–50	80
25	64	0	2–2	25–50	55
26	64	32	2–2	25–50	55
27*	128	0	2–2	25–50	55
28*	128	64	2–2	25–50	55
29*	256	0	2–2	25–50	55
30*	256	128	2–2	25–50	55
31*	512	0	2–2	25–50	55
32*	512	256	2–2	25–50	55
33*	1024	0	2–2	25–50	55
34*	1024	512	2–2	25–50	55
35*	2048	0	2–2	25–50	55
36*	2048	1024	2–2	25–50	55
37*	4096	0	2–2	25–50	65
38*	4096	2048	2–2	25–50	65
39*	8192	0	2–2	25–50	65
40*	8192	4096	2–2	25–50	65
41*	16384	0	2–2	25–50	65
42*	16384	8192	2–2	25–50	65
43	16	0	5–7	> 300	80
44*	32	0	5–7	> 300	80
45*	32	16	5–7	> 300	80
46*	64	0	5–7	> 300	60
47*	64	32	5–7	> 300	60
48*	128	0	5–7	> 300	55
49*	128	64	5–7	> 300	55
50	16	0	4–7	> 100	80
51*	32	0	4–7	> 100	80
52*	32	16	4–7	> 100	80

Table 2 continued on next page

Table 2 *(continued)*

Algorithm Number	Timescale (ms)	Offset (ms)	Channels	Energy (keV)	Threshold (0.1σ) 2014, July 12
53*	64	0	4–7	> 100	55
54*	64	32	4–7	> 100	55
55*	128	0	4–7	> 100	55
56*	128	64	4–7	> 100	55
57*	256	0	4–7	> 100	55
58*	256	128	4–7	> 100	55
59*	512	0	4–7	> 100	55
60*	512	256	4–7	> 100	55
61*	1024	0	4–7	> 100	55
62*	1024	512	4–7	> 100	55
63*	2048	0	4–7	> 100	55
64*	2048	1024	4–7	> 100	55
65*	4096	0	4–7	> 100	65
66*	4096	2048	4–7	> 100	65
116[a]	16	0	5–7	> 300	55
116[a]	16	0	BGO/3–6	2 - 40 MeV	55
117[a]	16	0	5–7	> 300	45
117[a]	16	0	BGO/3–6	2 - 40 MeV	45
118[a]	16	0	5–7	> 300	45
118[a]	16	0	BGO/3–6	2 - 40 MeV	45
119[a]	16	0	BGO/3–6	2 - 40 MeV	47

*Those algorithms have been disabled during most of the mission.

[a]Trigger algorithms using the BGO detector count rates. Algorithm 116 triggers when at least two NaI detectors and one BGO detector exceed the trigger threshold. Algorithm 117 is the same as 116, but imposes the additional requirement that the triggered detectors are on the +X side of the spacecraft. Algorithm 118 is the same as 117, but requires the triggered detectors to be on the -X side of the spacecraft. Algorithm 119 requires a significant rate increase in both BGO detectors independently of the NaI detectors.

The low-level threshold (LLT) values are adjustable by telecommand but are generally set at the same values for long periods of time, except for intervals of solar activity when an excessive rate of non-GRB triggers is likely[4]. Since 2012 no modification of the LLT settings has been needed because other flight software settings were used to minimize triggering by the same transient event. The practice of regularly disabling certain soft-energy triggers on weekends and US public holidays, which began in 2012 July, was continued during years 7–10. During weekend times trigger algorithms 22–26 were disabled starting from Friday 15–20 hr UT until Monday 13–20 hr UT for durations anywhere between 60 and 80 hr. Table 3 includes the trigger algorithm changes during years 7–10, except for the weekend disabling. In the interest of brevity the latter changes are listed separately online. During mission years 7–10 solar activity continued to be a significant complicating factor affecting the GBM science data. In particular, the continuous TTE (CTTE) data mode, which was implemented beginning in late 2012, may be interrupted or modified to mitigate excessive rates of CTTE data, usually caused by solar activity. In its normal operation this "throttling" uses FSW monitoring of a variety of data rates to interrupt CTTE data production from the Sun-facing NaI detectors (n0-n5). When the more restrictive "aggressive" throttling is enabled, CTTE data production is interrupted from all 12 NaI

[4] A table summarizing the intervals of the non-nominal trigger settings is posted at: https://fermi.gsfc.nasa.gov/ssc/data/access/gbm/llt_settings.html

detectors. The list below includes the periods when aggressive throttling was enabled but not the times when throttling actually occurred. Configuration changes that altered the volume and/or contents of CTTE data are also listed in Table 3. Listed below are the major configuration changes during mission years 7–10, which are also included in Table 3.

8/12/2014: The GBM onboard clock, which counts the elapsed time since 2001 January 1, experienced at 00:38:46 UT a rollover. To minimize unexpected issues with this expected occurrence, all triggers were disabled prior to the rollover. However, an unexpected impact of the rollover was a high rate of spurious triggering. All triggering was again disabled for a longer period while the issue was studied and the problem (a stale background rates buffer) was corrected.

9/11-15/2014: A further impact of the clock rollover was discovered on 9/11, when a bright solar flare produced a high rate of CTTE data that should have been throttled by the FSW. CTTE mode was disabled while the issue was studied. The cause turned out to be another stale time buffer. The problem was corrected on 9/15 by restarting continuous CTTE mode.

10/22-28/2014: Invoked aggressive throttling of CTTE data.

2/23-26/2015: CTTE data mode was disabled and CTIME data accumulation set to 64 ms, due to flaring activity of SGR 1935+2154.

3/12-13/2015: Long-soft trigger algorithms 25–26 were disabled; algorithms 22–24 were kept enabled.

9/29-10/5/2015: Disabled all TTE data production and set CTIME data accumulations to 64 ms due to elevated solar activity. Also disabled algorithms 25–26 while keeping 22–24 enabled.

3/3/2016: BGO PMT Gain Balance Test was performed. ARRs were disabled; trigger algorithms 116-119 were disabled.

9/6-11/2017: Invoked aggressive throttling of CTTE data and disabled soft triggers.

11/6-27/2017: Disabled/enabled trigger algorithms 8–17.

3/16-28/2018: GBM was put in safe mode for 12 days due to a spacecraft solar panel drive anomaly[5].

Table 3. Trigger Modification History

Date	Year/DOY/UT	Operation
8/12/14	2014/224:00:27:46	Disable triggers
	2014/224:00:40:00	Enable triggers
	2014/224:04:53:46	Disable triggers
	2014/224:16:29:42	Enable triggers
9/11/14	2014/254:13:19:15	Disable Continuous TTE data
9/15/14	2014/258:18:25:22	Re-enable Continuous TTE data
10/22/14	2014/295:13:48:59	Start aggressive throttling of TTE data and Disable soft triggers
10/28/14	2014/301:19:50:27	Set TTE throttling back to normal levels
2/23/15	2015/054:17:51:54	Turn off Continuous TTE data because of a flaring SGR
2/23/15	2015/054:17:52:24	Accelerate CTIME data accumulations intervals to 64 ms

Table 3 continued on next page

[5] One of the solar panels stuck and remained in a fixed position at least through the reporting period of this catalog. As a consequence a modified Fermi rocking strategy has been adopted. A further impact is that ARRs have been disabled since then.

Table 3 *(continued)*

Date	Year/DOY/UT	Operation
2/26/15	2015/057:17:21:38	Turn on Continuous TTE data production
2/26/15	2015/057:17:22:11	Decelerate CTIME accumulations
3/12/15	2015/071:14:59:58	Disable long (64 ms) soft trigger algorithms while keeping short soft algorithms enabled
9/29/15	2015/272:15:48:47	Turn off all TTE data production because of elevated Solar activity.
9/30/15	2015/273:14:41:58	Accelerate CTIME data accumulation intervals to 64 ms to study SGR's
10/2/15	2015/275:19:29:03	Disable 64 ms soft trigger algorithms 25 and 26 while keeping short soft algorithms enabled
10/5/15	2015/278:15:24:22	Turn on all TTE data production
10/5/15	2015/278:18:39:02	Decelerate CTIME accumulations
3/3/16	2016/063:12:20:00	Disable the BGO AGC's (Collect data for BGO PMT Gain Balance Test)
	2016/063:12:20:05	Disable ARRs
	2016/063:12:20:10	Turn off algorithms 116–119 (TGF algorithms)
	2016/063:12:20:15	Turn off PMTs 12 and 14 (BGO detectors)
	2016/063:18:00:15	Turn on PMTs 12 and 14
	2016/063:23:50:00	Turn on PMTs 13 and 15
	2016/063:23:50:05	Set ARR threshold back to McIlwain 158
	2016/063:23:50:10	Enable the BGO AGC's
	2016/063:23:50:15	Re-enable the TGF trigger algorithms (116–119)
9/6/17	2017/249:19:33:33	Aggressively throttle TTE data and Disable soft triggers
9/7/17	2017/250:15:37:34	Set throttling of TTE data back to normal; Re-enable the soft trigger algorithms
9/7/17	2017/250:19:15:49	Aggressively throttle TTE data and Disable soft triggers
9/7/17	2017/250:21:49:09	Set throttling of TTE data back to normal; Re-enable the soft trigger algorithms.
9/8/17	2017/251:15:02:41	Aggressively throttle TTE data and Disable soft triggers
9/11/17	2017/254:16:24:20	Set throttling of TTE data back to normal; Re-enable the soft trigger algorithms
11/3/17	2017/307:22:02:48	Disable the algorithms 12–15
11/6/17	2017/310:21:19:15	Disable algorithms 10–17
11/7/17	2017/311:20:06:20	Disable algorithms 10–17
11/8/17	2017/312:19:05:54	Disable algorithms 8–17 and 25–26
11/15/17	2017/319:22:52:32	Re-enable algorithms 8 and 9
11/21/17	2017/325:18:06:51	Re-enable algorithms 8 through 11
11/27/17	2017/331:19:22:30	Re-enable algorithms 12 through 17
3/16/18	2018/075:05:12:00	GBM Turned to safe mode
3/28/18	2018/087:13:43:55	Boot GBM after safe mode
	2018/087:13:59:31	HV on
	2018/087:14:04:14	TTE on
	2018/087:14:05:56	Master start to enable triggers

3.3. *Advanced Ground Processing*

Beginning in early 2016, an automated localization algorithm, called the RoboBA, was placed into operation within the GBM Burst Alert Pipeline (BAP). The RoboBA is a set of automated algorithms developed to replace the Human-in-the-Loop (HitL) localization for most GRB triggers. HitL processing requires BAs to be on call at all times and ready to promptly localize the GBM low-latency trigger data, which has faced a median 1–2 hr latency. Due to the increasing interest in and importance of GBM-detected and localized GRBs, localizations of GRBs are desirable as soon as possible. The RoboBA now provides localizations for GRBs with accuracy equivalent to the human BA processing for GRBs within 10 minutes after trigger. The RoboBA also provides a preliminary estimate in the GCN notice

whether the GRB is likely to be a short or long duration GRB, with a success rate of $> 85\%$ when compared to the final T_{90}. Once the RoboBA performs the localization, the BAP submits a GCN Notice and Circular for the RoboBA localization. The pipeline automatically creates the localization products, including the full-sky HEALPix map of the localization incorporating the estimated systematic uncertainty model, and uploads them to the HEASARC. The RoboBA has a complete end-to-end automatic processing success rate of $> 80\%$, with most failures due to dropped data packets in the real-time communication stream from the spacecraft. RoboBA catches these failures and reports them to the human BA so that a manual localization can be performed. A detailed description of the RoboBA algorithm, an evaluation of its effectiveness, and the improvements implemented in the algorithm in 2019 are described in Goldstein et al. (2019).

3.4. *FERMI-GBM GCN Notices and Circulars*

Here we list the actual Gamma-ray burst Coordinates Network (GCN) notices and circulars relevant for GRBs as announced in 2019 (Fermi Team 2019), which are released automatically or by the GBM BA.

OFFICIAL FERMI-GBM NOTICES:

Notices are automated, standard format text messages designed to be easily parsed by a computer. They are typically low latency, within tens of seconds to 10 minutes of the GRB trigger, and can be found here https://gcn.gsfc.nasa.gov/fermi_grbs.html or subscribed to through GCN.

- GBM Alert: Initial alert includes trigger time, trigger significance, trigger algorithm, trigger timescale.
- GBM Flight position: Fermi-GBM onboard calculated localization, generated onboard Fermi, tens of seconds after trigger (may be multiple notices).
- GBM Ground position: Intermediate ground localization based on latest onboard generated GRB detector rate information (may be multiple notices).
- GBM Final Position: reports the ground generated RoboBA or Human-in-the-Loop (BA) final localization and whether the GRB was likely long or short; 10 minutes after trigger using the full trigger dataset.
- Fermi-GBM SubThreshold: reports the time, duration, localization, and reliability for candidate short GRBs found in ground searches of CTTE data (latency here is longer than 10 minutes). See https://gcn.gsfc.nasa.gov/fermi_gbm_subthreshold.html

OFFICIAL FERMI GBM CIRCULARS:

Circulars are reports of follow-up observations made by the observers.

- GRB YYMMDDX: Fermi GBM Final Real-time Localization. Introduced in 2019 July. Automated circulars reporting the final real-time localization and HEALPix map based on our automatic processing (RoboBA, operational since early 2016). These circulars are issued for all GRBs that RoboBA localizes and include initial information about the burst duration (likely SHORT/LONG).
- GRB YYMMDDX: Fermi GBM Detection (RoboBA or Human in the Loop generated Final localization, spectral analysis, and burst duration)
- GRB YYMMDDX: Fermi GBM Observation (spectral analysis, and burst duration for GRBs better localized by another instrument)

4. GRB CATALOG TABLES

Here we present the standard catalog tables, listing in Table 5 all 2360 triggers of the first decade of GBM operation that were classified as GRBs[6]. The associated catalog analysis results for each trigger are shown in Table 6 for the duration analysis and in Tables 7 and 8 for the peak flux and fluence analysis in two energy ranges. The GRB catalog compilation and analysis process has not changed since the production of the latest GRB catalog, and is described

[6] The total number of GBM-detected GRBs is four less, since GBM triggered twice on each of four GRBs

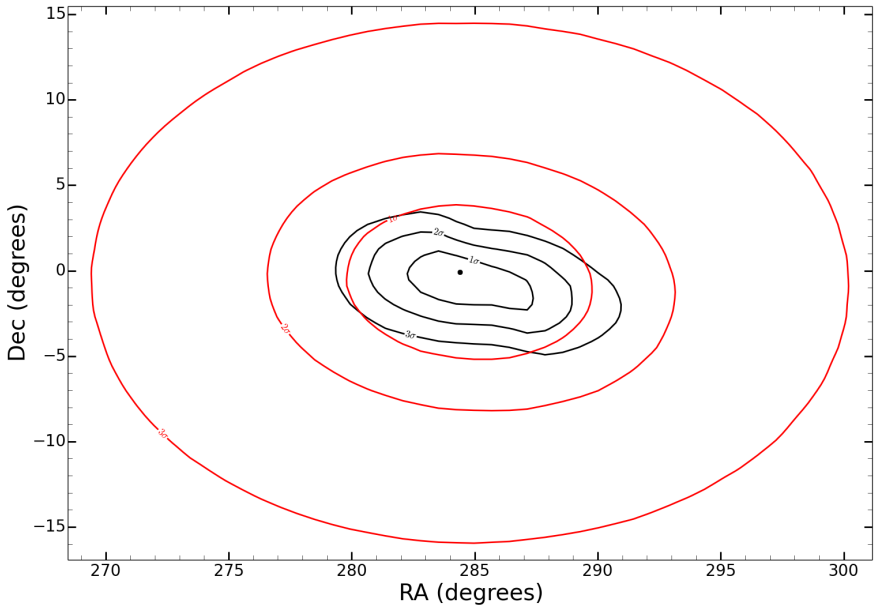

Figure 2. Probability map showing the statistical (black contours) and systematic (red contours) uncertainties of the GRB 170208C localization.

in detail in previous catalog papers. The standard tables of the newest catalogs always include the GRB entries of the previous catalogs, with only some minor updates for some individual GRBs, where a reanalysis was necessary. There are two browsable catalogs accessible online at HEASARC, FERMIGTRIG[7] and FERMIGBRST[8]. All GBM triggers are entered in FERMIGTRIG, but only those triggers classified as bursts are entered in the FERMIGBRST catalog. Thus, a burst will be listed twice, once in FERMIGTRIG and once in FERMIGBRST. The burst catalog analysis requires human intervention; therefore, GRBs will be entered in the trigger catalog before the burst catalog. The latency requirements are one day for triggers and three days for bursts.

4.1. *GRB Localizations and Trigger Characteristics*

The catalog analysis is based on using the most reliable source locations for the determination of the instrument response (Detecor Response Matrix; DRM). This is quite important since all of the analysis results depend on the response files generated for the particular GRB location. These locations are listed in Table 5 and are adopted from the BA (HitL) and RoboBA analysis results, which were uploaded to the GBM trigger catalog at the GIOC (with a copy at HEASARC[9]). The GBM location uncertainties shown in the table are the circular area equivalent of the statistical uncertainty (68% confidence level). There is additionally a systematic error that we have characterized for HitL localizations as a core-plus-tail model, with 90% of GRBs having a 3.7 deg error and a small tail suffering a larger than 10 deg systematic error (Connaughton et al. 2015). An evaluation of automated *Fermi*-GBM localizations is presented in Goldstein et al. (2019), showing that the latest version of RoboBA yields significant improvement in the systematic uncertainty, removing the long tail identified in the systematic, and improves the overall accuracy. The systematic uncertainty for the updated RoboBA localizations is 1.8 deg for 52% of GRBs and 4.1 deg for the remaining 48%. Probability maps reflecting the total uncertainty on a GBM GRB location, which are the convolution of the statistical uncertainty with the best current model for the systematic errors have been routinely delivered to the HEASARC since 2014 January, and have also been processed and delivered for the GRBs prior to 2014. An example localization contour map for GRB 170208C in shown in Figure 2.

[7] *Fermi*-GBM trigger catalog at HEASARC: https://heasarc.gsfc.nasa.gov/W3Browse/fermi/fermigtrig.html
[8] *Fermi*-GBM burst catalog at HEASARC: https://heasarc.gsfc.nasa.gov/W3Browse/fermi/fermigbrst.html
[9] https://heasarc.gsfc.nasa.gov/FTP/fermi/data/gbm/bursts/

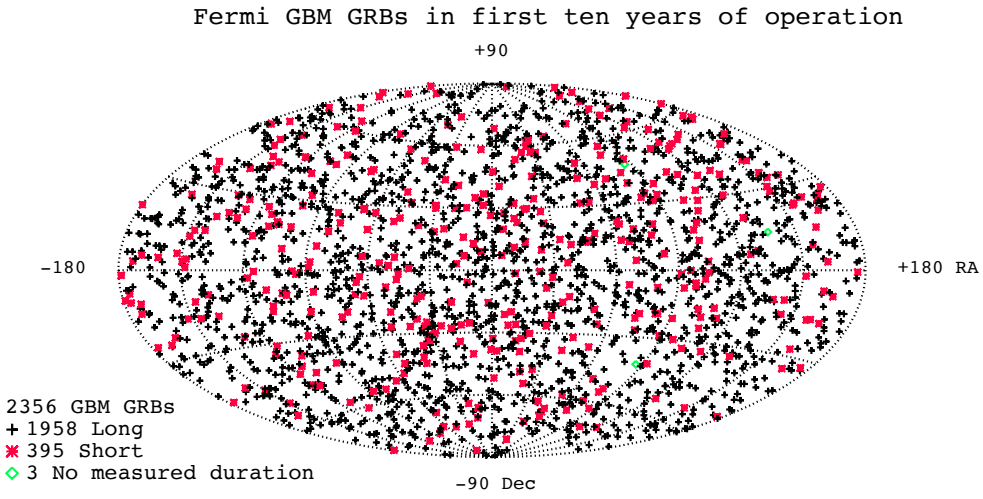

Figure 3. Sky distribution of GBM-triggered GRBs in celestial coordinates. Crosses indicate long GRBs ($T_{90} > 2$ s); asterisks indicate short GRBs.

Non-GBM locations are listed for bursts that were detected by an instrument providing a better location accuracy such as LAT, the Swift Burst Alert Telescope (BAT; Barthelmy et al. 2005) or X-ray Telescope (XRT; Burrows et al. 2005), INTEGRAL (Mereghetti et al. 2003), or were localized more precisely by the Inter-Planetary Network (IPN; Hurley et al. 2013). The higher-accuracy location source is listed under the column "Location Source", which lists only the name of the mission rather than the specific instrument on board that mission (e.g., Swift implies the locations are either from Swift-BAT or Swift- XRT or Swift-UVOT). The errors on the GRB locations determined by other instruments are not necessarily 1σ values. For the GBM analysis, a location accuracy better than a few tenths of a degree provides no added benefit because of significant systematic errors in GBM location.

The first column of Table 5 lists the GBM Trigger ID along with a conventional GRB name in the second column as defined by the GRB-observing community[10]. For year 5–10, only GBM-triggered GRBs for which a GCN Circular was issued are assigned a GRB name.

The criterion for issuing a GBM Detection/Observation Circular is if a GRB was either detected by any other mission (as listed in the last column of Table 5) or if it generated an ARR to the Fermi spacecraft or the count rate in the 50–300 keV energy range summed over the triggered detectors exceeded 1000 counts per second above the background. This arbitrary number was chosen at the beginning of the mission to focus on brighter events and not to issue too many circulars. During the 10 year period of the catalog for about ⅓ of the GRBs Fermi GBM Detection / Observation Circulars were released.

The third column lists the trigger time in universal time (UT). Table 5 also shows which algorithm was triggered, along with its timescale and energy range. Note that the listed algorithm is the first one to exceed its threshold but it may not be the only one. The table also lists other instruments that detected the same GRB[11]. Finally, we identify the GBM GRBs for which an ARR was issued by the GBM FSW in the last column of Table 5. A total of 172 GRBs (7.3% of the total) were followed by ARRs during the first nine years of Fermi, although the spacecraft might not have slewed in every case for technical reasons, such as Earth limb constraints. The majority of these ARRs were due to high peak fluxes. In addition, there were 48 ARRs that were issued for non-GRB triggers because of misclassification by the GBM FSW.

4.2. *GRB Duration, Peak Flux, and Fluence*

[10] Note that the entire table is consistent with the small change in the GRB naming convention that became effective on 2010 January 1 (Barthelmy et al. 2009): if for a given date no burst has been published previously, then the first burst of the day observed by GBM includes the A designation even if it is the only one for that day.

[11] This information was drawn from the GCN archive accessible at http://gcn.gsfc.nasa.gov/gcn3_archive.html. A more complete list of detections is available at http://www.ssl.berkeley.edu/ipn3/masterli.txt

The analysis performed to derive the duration, peak flux and fluence of each burst (as listed in Tables 6–8) is based on an automatic batch fit routine implemented within the RMFIT software[12]. It uses a forward-folding technique to obtain the best-fit parameters for a chosen model given user-selected source and background time intervals in the 10–1000 keV energy range from data files containing observed count rates and a corresponding detector response matrix. Burst durations T_{50} (T_{90}) are determined from the interval between the times where the burst has reached 25% (5%) and 75% (95%) of its maximum fluence. The burst durations T_{50} and T_{90} listed in Table 6 were computed in the 50–300 keV energy range. This is primarily due to the fact that GRBs have their maximum spectral density in this energy range. In addition, this energy range makes it easier to compare the present results with those of the predecessor BATSE. In addition the table provides the respective 1σ error estimates (Koshut et al. 1996) and start times relative to the trigger time. For a few GRBs, the duration analysis could not be performed either because the event was too weak or due to technical problems with the input data. Also, it may be noted that the duration estimates are only valid for the portion of the burst that is visible in GBM light curves summed over those NaI(Tl) detectors whose normals make less than 60° to the source. If the burst was partially occulted by Earth or had significant emission while GBM detectors were turned off in the SAA region, then the true durations may be underestimated or are not reliable, depending on the intensity and variability of the undetected burst emission. GRBs that triggered while *Fermi* was close to SAA or where the trigger is unusual in any other way, are indicated in Tables 5, 6 by a footnote.

For technical reasons, it was not possible to perform a single analysis of the unusually long GRB 091024A (Gruber et al. 2011), GRB 130925A, and GRB 150201A, and so the analysis was carried out separately for the two triggered episodes. Similarly, GRB130925A also had three emission episodes well separated in time, for which GBM triggered on the first two episodes. These cases are also noted in the Tables 5, 6. The reader may note that for most GRBs, the present analysis used data binned no finer than 64 ms, and so the duration estimates (but not the errors) are quantized in units of 64 ms. However, for extremely short events, TTE/CTTE data were binned with widths of 32 ms, 16 ms or even 8 ms in about 4% of the cases, which was necessary in order to resolve the GRBs.

As a part of the duration analysis, peak fluxes and fluences were computed in two different energy ranges. Table 7 shows the values in 10–1000 keV and Table 8 shows the values in 50–300 keV. The analysis results for low fluence events are subject to large systematic errors primarily because they use 8-channel spectral data and should be used with caution. The fluence measurements in the accompanying spectroscopy catalog (S. Poolakkil et al. 2020, in preparation), which uses the 128-channel CSPEC or TTE data, are more reliable for such weak events. The peak fluxes for each burst were computed in the same energy ranges and for three different timescales: 64, 256, and 1024 ms. Since only 20% of the bursts have detectable emission in the BGO detectors[13], only NaI detector data were used for the catalog analysis.

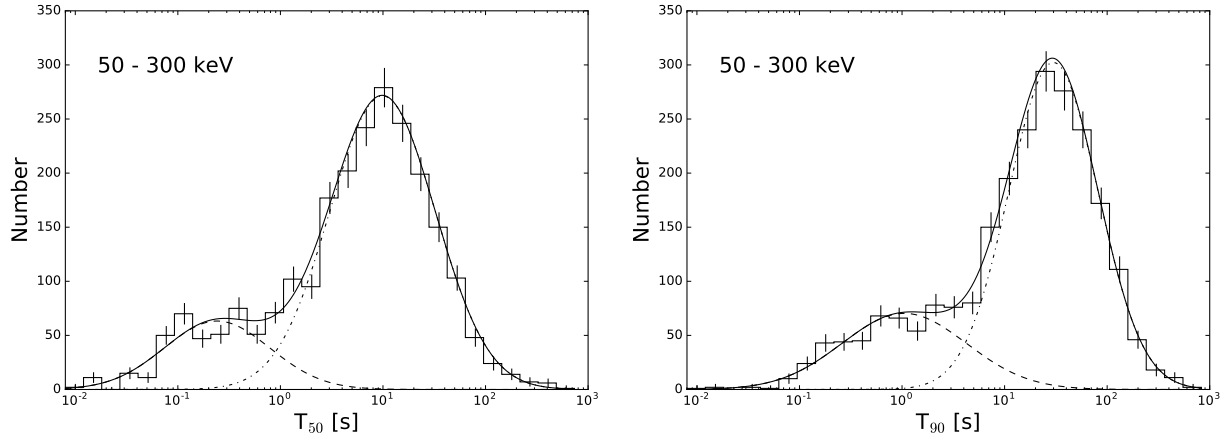

Figure 4. T_{50} (left) and T_{90} (right) distributions. Lines show the best-fitting models.

[12] The spectral analysis package RMfit was originally developed for time- resolved analysis of BATSE GRB data but has been adapted for GBM and other instruments with suitable FITS data formats. The software is available at the Fermi Science Support Center: https://fermi.gsfc.nasa.gov/ssc/data/p7rep/analysis/rmfit/

[13] GRBs with significant emission in at least one BGO detector above 300 keV were highlighted in the main GRB tables of the first two catalogs (Paciesas et al. 2012; von Kienlin et al. 2014). In the first four years there were 204 BGO bright GRBs out of 954 GRBs.

5. DISCUSSION

Here we provide the standard set of figures as shown in the previous catalogs. The sky distribution of GBM-triggered GRBs in celestial coordinates is shown in Figure 3, still reflecting now for the large 10 yr sample that both the long and short GRB locations do not show any obvious anisotropy, which is consistent with an isotropic distribution of GRB arrival directions. The histograms of the logarithms of GBM-triggered GRB durations (T_{50} and T_{90}) are shown in Figure 4. Using the conventional division between the short and long GRB classes ($T_{90} \leq$ 2 s and $T_{90} >$ 2 s, respectively), we find that during the first 10 years there were 395 (17%) short GRBs and 1958 (83%) long GRBs[14].

We fit the duration distributions using the unbinned, maximum likelihood method, Mclust (Fraley & Raftery 2002). This method assumes the components have log-normal distribution and decides the optimal number of groups using a Bayesian Information Criterion. We find both of the duration distributions are best described by a two component model corresponding to the short and long GRB categories (see Figure 4), which reaffirms the study of Bhat et al. (2016) which didn't provide any clue for an extra class, like soft-intermediate duration GRBs bridging the other two groups. The results of the fits are presented in Table 4, $N(\mu, \sigma, w)$ is a single Gaussian for the $\log(T_{50})$ or $\log(T_{90})$ distribution, where μ represents the mean, σ is the standard deviation and w is the weight of the component.

We fit the hardness-duration distributions with the same method, and find that the best-fitting solutions are not meaningful. Namely, the algorithm finds three components: one that can be associated with the short group, and two other groups that divide the long population essentially along a constant duration with approximately equal weights. This structure does not correspond to previous studies that find three groups (Horváth et al. 2006; Veres et al. 2010). However, it might point to an asymmetric distribution (Tarnopolski 2019).

	μ (short)	σ (short)	w (short)	μ (long)	σ (long)	w (long)
T_{50}	-0.618 ($\rightarrow$ 0.241 s)	0.265	0.189	0.995 ($\rightarrow$ 9.89 s)	0.265	0.811
T_{90}	0.0208 ($\rightarrow$ 1.05 s)	0.367	0.245	1.476 ($\rightarrow$ 29.9 s)	0.189	0.755

Table 4. Parameters of the Gaussian distributions for $\log(T_{50})$ and $\log(T_{90})$. We display the actual mean duration in parentheses ($= 10^{\mu}$). Note that for the T_{50} distribution the fitting procedure yields a solution where the variances of the two components are equal thus reducing the number of degrees of freedom.

Checking in Figure 4 for the T_{90} duration at which the lognormal fits to the short and long GRB classes intersects, indicating a 50% probability that a GRB is in fact long/short we derive a T_{90} value of 4.2 s. Using this value as division of the short/long GRB populations we get 532 (22.5%) short and 1821 (77.5%) long GRBs.

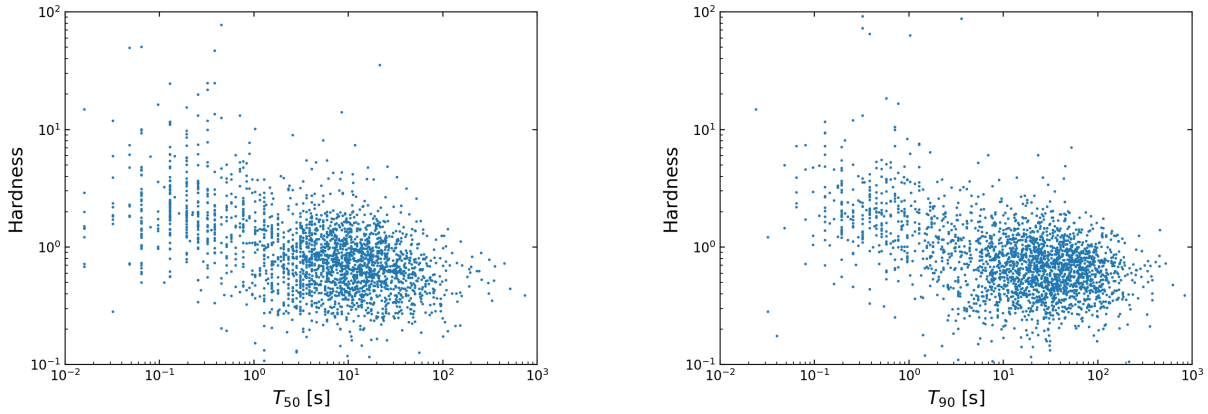

Figure 5. Scatter plots of spectral hardness vs. duration are shown for the two duration measures T_{50} (left plot) and T_{90} (right plot). The estimated errors for both quantities are not shown but can be quite large for the weak events. Nevertheless, the anti-correlation of spectral hardness with burst duration is evident.

[14] For 3 GRBs the duration measurement using our standard method was not possible.

Figure 5 shows scatter plots of the spectral hardness versus T_{50}- and T_{90}- durations. The spectral hardness is obtained from spectral fits for each GRB, by using the photon model fit parameters, which are a byproduct of the duration analysis. By summing the deconvolved counts in each detector and time bin in two energy bands (10–50 keV and 50–300 keV), and further summing each quantity in time over the T_{50} and T_{90} intervals, the hardness was calculated separately for each detector as the ratio of the flux density in 50–300 keV to that in 10–50 keV, and finally averaged over detectors.

The estimated errors derived from the duration and hardness analysis are not included in the duration distributions and scatter plots shown in Figures 4 and 5. A more realistic representation of these parameters incorporating the uncertainty is shown in Figure 6 as a histogrammed probability density plot. It was derived via Monte Carlo sampling from the probability density function (PDF) of the duration and hardness parameters and their standard deviations for each GRB (Goldstein et al. 2016, S. Poolakkil et al. 2020, in preparation). By randomly selecting a value from each of those PDFs, sorting them into duration/hardness histograms with predefined bins, and additionally into pixels of the corresponding hardness-duration plane, then repeating the procedure for a number of iterations (typically $>$ 1000), we were able to derive PDFs for each histogram bin and map pixel. We choose the median as the centroid of the frequency value of each bin/pixel and the error bars shown in the duration and hardness histograms represent the 68% credible interval centered at the median.

The bimodal shape of the duration distributions shown in Figure 6 is less distinct compared to the representation of the duration distributions shown in Figure 4. Again assigning GRBs to the short/long GRB classes by using the intersection of the two lognormal fits, we obtain a value for T_{90} of 6.1 s, which is approximately 1.5 times the value derived from Figure 4, now yielding 615 (26%) in the short and 1738 (74%) in the long GRB class.

It emerges that the representation of the duration distributions as histogrammed probability density plots suggests an increased number of GBM GRBs that could be attributed to the short GRB class. This supports the result of the search for GBM GRBs similar to GRB 170817A, presented in von Kienlin et al. (2019), which already revealed candidate short GRBs with a T_{90} duration up to 3.3 ± 2.1 s.

Integral distributions of the peak fluxes observed for GRBs in the first decade are shown in Figure 7 for a 1.024 s timescale and in Figures 8 and 9 for the shorter 0.256 s and 0.064 s timescales, each separately for short and long GRBs. The conclusions drawn in previous catalogs regarding the shape of the integral distributions are strengthened. For long GRBs the deviation from the $-3/2$ power law, expected for spatially homogeneous GRBs in Euclidean space, occurs well above the GBM threshold at a flux value of ~ 10 ph cm^{-2} s^{-1}. For short events the GBM data appear consistent with a homogeneous spatial distribution down to peak flux values around 1 ph cm^{-2} s^{-1} (50–300 keV), below which instrument threshold effects become dominant. The integral fluence distributions for the two energy intervals are shown in Figure 10.

6. SUMMARY

The fourth *Fermi*-GBM Gamma-Ray Burst Catalog comprises a list of 2356 cosmic GRBs that triggered GBM between 2008 July 12 and 2018 July 11. It provides actualized tables and standard analysis results of the full 10 year sample of GBM-triggered GRBs and continues the reporting on exceptional instrument operation conditions; as such it serves as a standard database and reference for catalog-based follow-up analysis.

Standard representations of the catalog quantities and analysis results such as the sky distribution of GBM-triggered GRBs locations, the histograms of GRB T_{90}- and T_{50}–duration's and the integral distributions of GRB peak fluxes and fluences now resemble the known characteristics for the now large sample. However, for the presentation of the GRB duration versus hardness and the hardness distribution itself a more realistic presentation including the parameter uncertainties was introduced. This representation shows a less clear separation of the two most commonly anticipated constituents, the short and long GRB classes. It suggests that about a quarter of the whole GBM GRB sample is due to short GRBs, which is significantly larger compared to the fraction derived when applying the conventional division at 2 s (17 % short GRBs).

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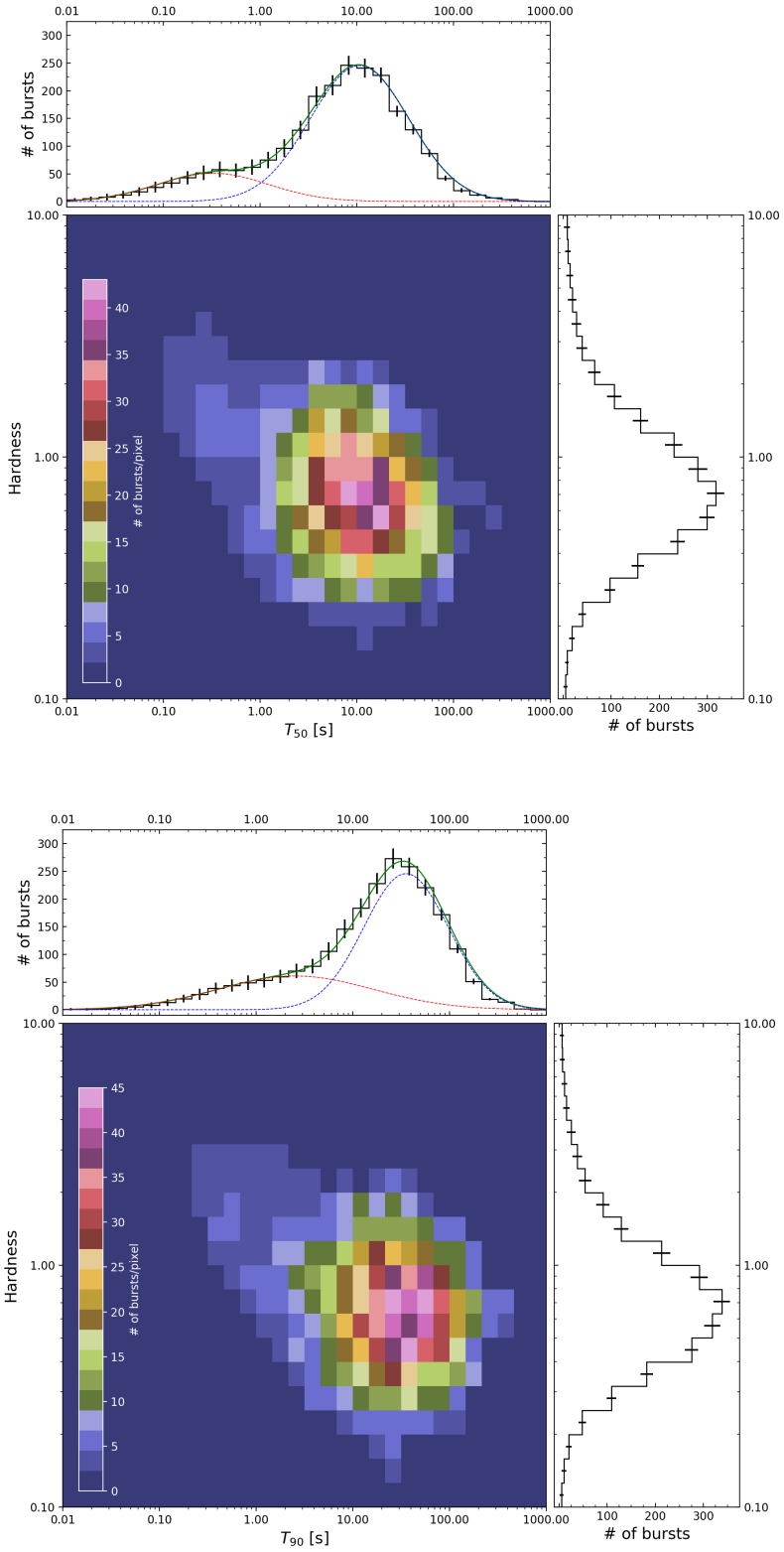

Figure 6. Two-dimensional histogrammed probability density plots of the spectral hardness vs. duration (top: T_{50}, bottom: T_{90}) accounting for the uncertainties of both parameters. The color bar provides the color mapping for the number of bursts per pixel. The plots attached to the top and right are the projections of the individual histogrammed probability densities of duration and hardness. Lognormal bimodal fits (green line) together with individual lognormal fits to the long (blue line) and short (red line) GRB classes are overplotted in the duration histograms.

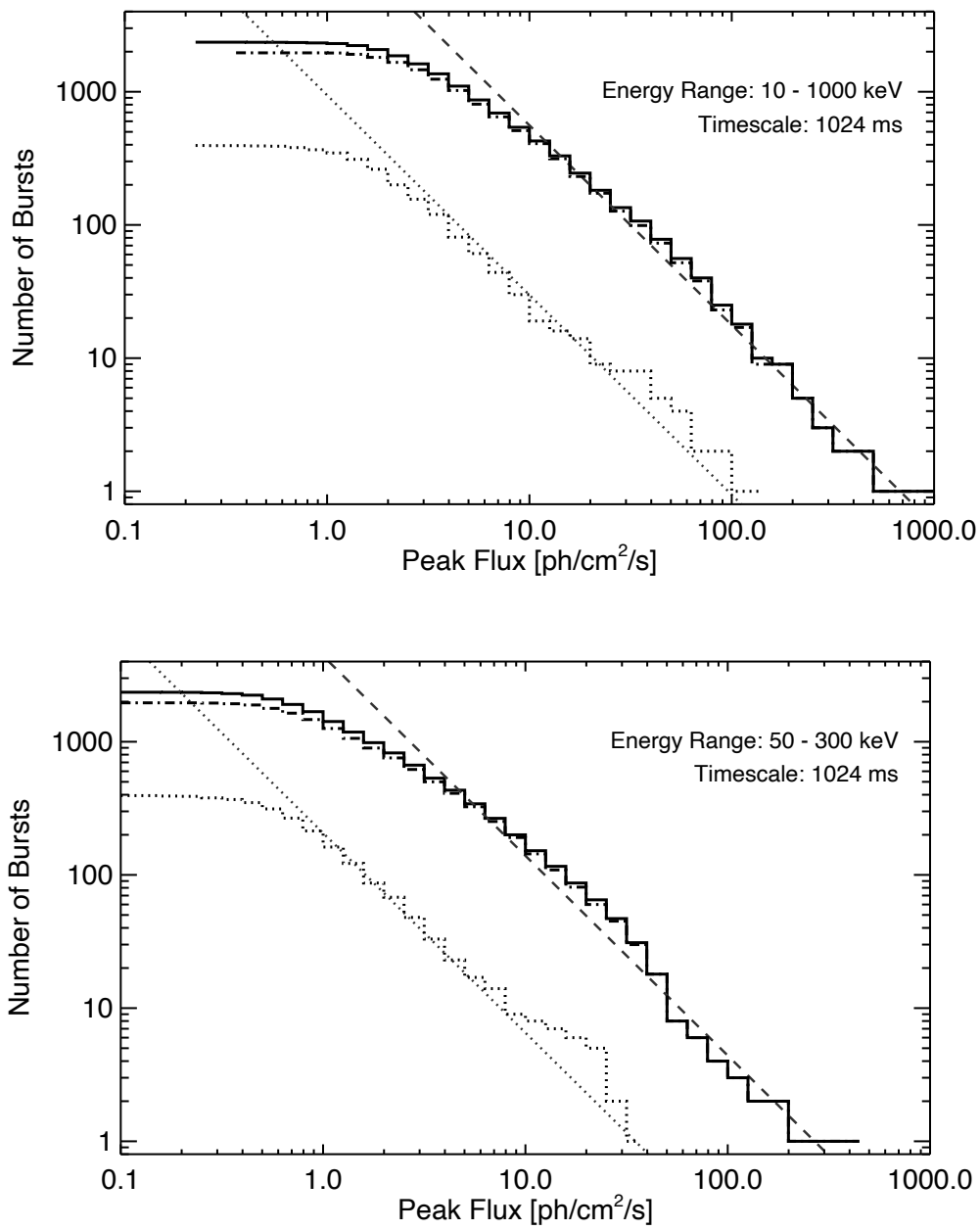

Figure 7. Integral distribution of GRB peak flux on the 1.024 s timescale. Energy ranges are 10–1000 keV (upper plot) and 50–300 keV (lower plot). Distributions are shown for the total sample (solid histogram), short GRBs (dots) and long GRBs (dash-dots), using $T_{90} = 2$ s as the distinguishing criterion. In each plot a power law with a slope of $-3/2$ (dashed line) is drawn to guide the eye.

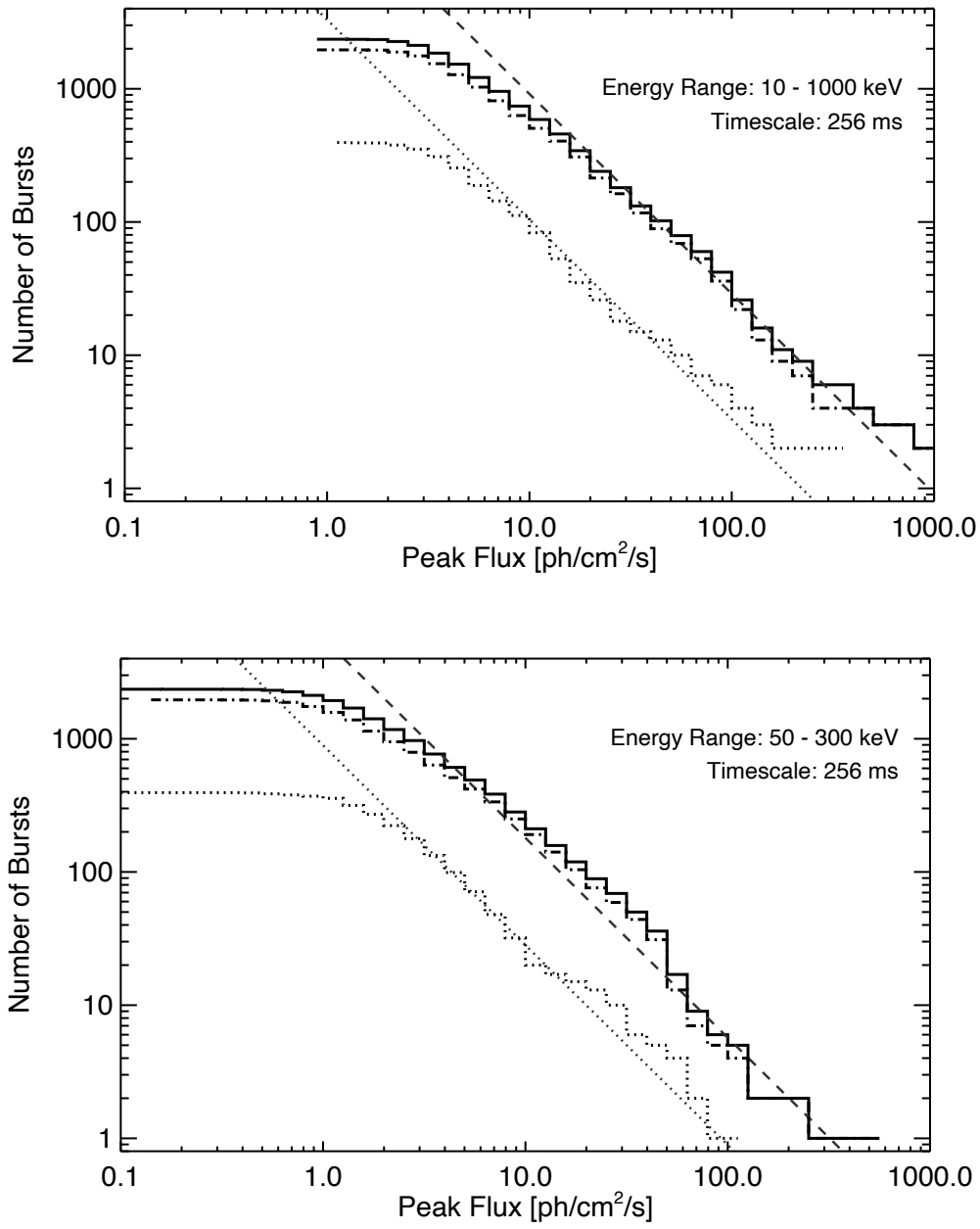

Figure 8. Same as Figure 7, except on the 0.256 s timescale.

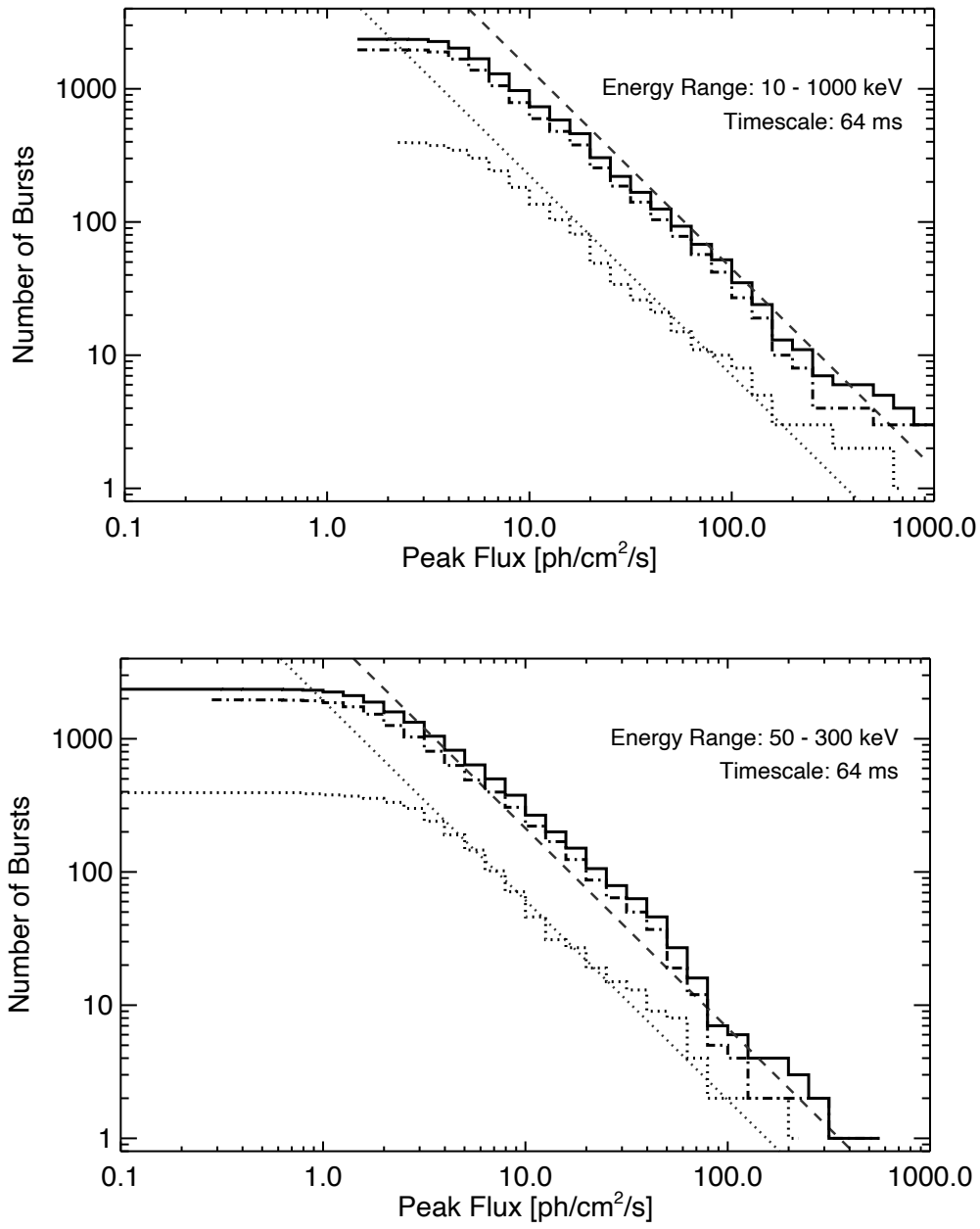

Figure 9. Same as Figure 7, except on the 0.064 s timescale.

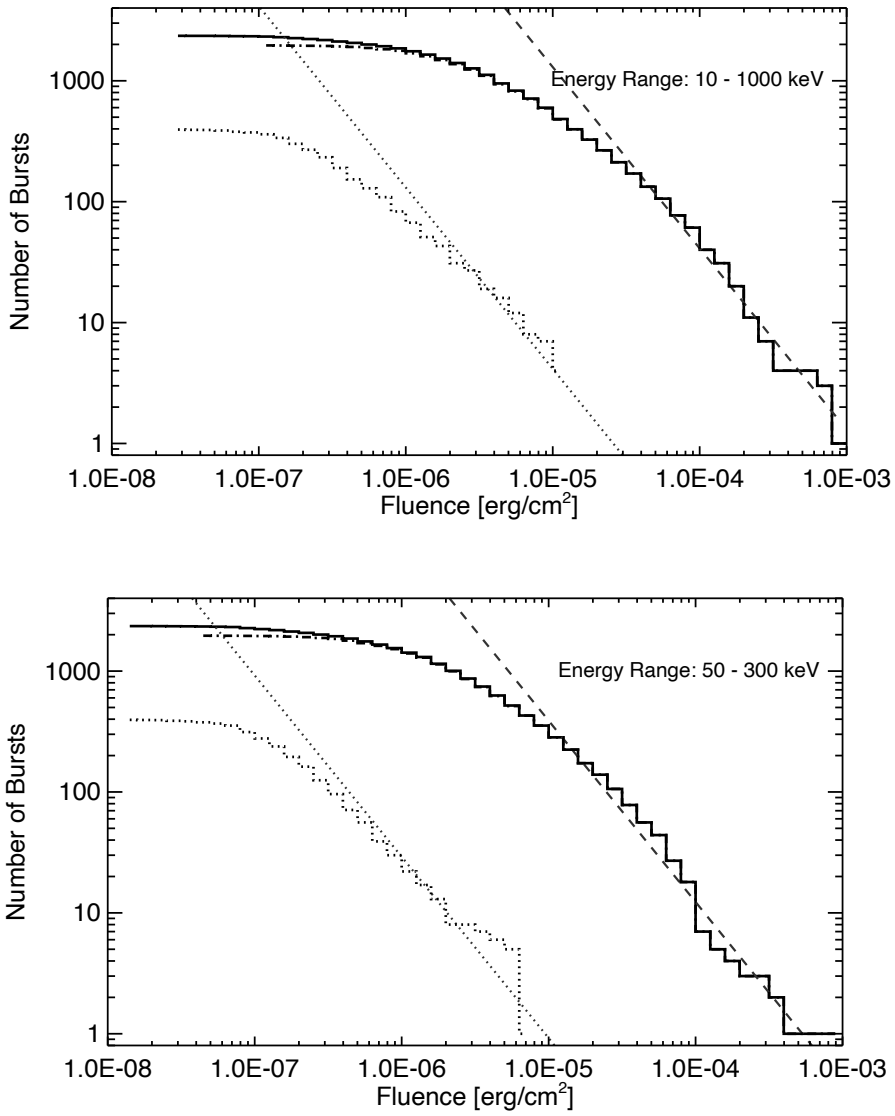

Figure 10. Integral distribution of GRB fluence in two energy ranges: 10–1000 keV (upper plot) and 50–300 keV (lower plot). Distributions are shown for the total sample (solid histogram), short GRBs (dots) and long GRBs (dash-dots), using $T_{90} = 2$ s as the distinguishing criterion. In each plot a power law with a slope of $-3/2$ (dashed line) is drawn to guide the eye.

Table 5. GRB Triggers: Locations and Trigger Characteristics

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn080714086	GRB 080714B	02:04:12.0534	41.9	8.5	7.5	*Fermi*-GBM	10	512	47-291	K
bn080714425	GRB 080714C	10:12:01.8376	187.5	-74.0	8.7	*Fermi*-GBM	17	4096	47-291	
bn080714745	GRB 080714A	17:52:54.0234	188.1	-60.2	0.0	*Swift*	13	1024	47-291	K, R, IA, S, Me, A
bn080715950	GRB 080715A	22:48:40.1634	214.7	9.9	2.0	*Fermi*-GBM	29	256	23-47	K, Me, A
bn080717543	GRB 080717A	13:02:35.2207	147.3	-70.0	4.7	*Fermi*-GBM	17	4096	47-291	
bn080719529	GRB 080719A	12:41:40.9578	153.2	-61.3	13.8	*Fermi*-GBM	16	4096	47-291	K, A
bn080720316	...	07:35:35.5476	86.2	-41.8	3.2	*Fermi*-GBM	0	0		
bn080723557	GRB 080723B	13:22:21.3751	176.8	-60.2	0.0	*Swift*	8	256	47-291	K, IA, IS, Me, A
bn080723913	GRB 080723C	21:55:23.0583	113.3	-19.7	9.9	*Fermi*-GBM	5	64	47-291	W
bn080723985	GRB 080723D	23:37:42.7083	105.3	71.1	1.0	*Fermi*-GBM	11	512	47-291	K, IA, Me, W, A
bn080724401	GRB 080724A	09:37:40.6034	358.3	32.9	1.6	*Fermi*-GBM	9	256	47-291	K, R, IA, S, W
bn080725435	GRB 080725A	10:26:09.0559	121.7	-14.0	0.0	*Swift*	4	64	47-291	K, IA, S, Me
bn080725541	GRB 080725B	12:59:23.7624	354.8	8.9	3.5	*Fermi*-GBM	4	64	47-291	K, IA, S, W
bn080727964	GRB 080727C	23:07:46.2169	32.6	64.1	0.0	*Swift*	15	2048	47-291	S, W
bn080730520	GRB 080730A	12:29:15.4032	245.4	4.6	2.1	*Fermi*-GBM	17	4096	47-291	K, W
bn080730786	GRB 080730B	18:51:38.1813	246.6	28.7	2.1	*Fermi*-GBM	4	64	47-291	K, R, Me, W, A
bn080802386	GRB 080802A	09:15:10.5274	154.3	40.7	4.1	*Fermi*-GBM	5	64	47-291	K, IA, W
bn080803772	GRB 080803A	18:31:22.0407	300.1	82.8	5.9	*Fermi*-GBM	14	2048	47-291	K, IA, S, Me, W, A
bn080804456	GRB 080804B	10:56:07.1590	107.5	20.3	7.3	*Fermi*-GBM	17	4096	47-291	K
bn080804972	GRB 080804A	23:20:14.8794	328.7	-53.2	0.0	*Swift*	10	512	47-291	K, R, IA, S, Me
bn080805496	GRB 080805B	11:53:50.5646	322.7	47.9	5.6	*Fermi*-GBM	17	4096	47-291	
bn080805584	GRB 080805C	14:01:06.2435	174.5	-23.1	5.7	*Fermi*-GBM	15	2048	47-291	R
bn080806584	GRB 080806A	14:01:11.2038	94.6	57.8	13.6	*Fermi*-GBM	11	512	47-291	
bn080806896	GRB 080806B	21:29:40.8238	241.8	46.7	2.9	*Fermi*-GBM	39	8192	23-47	K, S, Me, W
bn080807993	GRB 080807A	23:50:32.6388	101.7	-16.0	2.6	*Fermi*-GBM	1	16	47-291	K, IA
bn080808451	GRB 080808A	10:50:03.2649	107.4	-33.8	13.6	*Fermi*-GBM	16	4096	47-291	
bn080808565	GRB 080808B	13:33:48.3383	33.6	5.4	2.6	*Fermi*-GBM	12	1024	47-291	K
bn080808772	GRB 080808C	18:31:39.7362	96.7	-14.4	12.3	*Fermi*-GBM	17	4096	47-291	
bn080809808	GRB 080809A	19:23:33.1292	91.7	61.4	7.1	*Fermi*-GBM	16	4096	47-291	K, W
bn080810549	GRB 080810A	13:10:12.5806	356.8	0.3	0.0	*Swift*	9	256	47-291	K, IA, S
bn080812889	GRB 080812A	21:19:33.8316	176.7	-33.2	4.1	*Fermi*-GBM	15	2048	47-291	IA, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn080815917	GRB 080815A	22:00:05.0847	240.9	-47.8	6.3	*Fermi*-GBM	7	128	47-291	
bn080816503	GRB 080816A	12:04:18.1801	156.2	42.6	2.0	*Fermi*-GBM	13	1024	47-291	K, Me
bn080816989	GRB 080816B	23:43:54.6901	289.5	-6.8	5.3	*Fermi*-GBM	4	64	47-291	K, IA, Me, W
bn080817161	GRB 080817A	03:52:10.5370	148.9	-16.3	1.0	*Fermi*-GBM	10	512	47-291	K, IA, Me, W, A
bn080817720	GRB 080817B	17:17:07.5186	80.2	-17.1	5.7	*Fermi*-GBM	5	64	47-291	S, Me, W
bn080818579	GRB 080818A	13:54:24.8403	60.4	-6.9	6.5	*Fermi*-GBM	9	256	47-291	
bn080818945	GRB 080818B	22:40:49.0790	98.1	7.4	7.3	*Fermi*-GBM	11	512	47-291	W
bn080821332	GRB 080821A	07:57:26.4787	238.6	32.6	3.6	*Fermi*-GBM	11	512	47-291	K, R, Me
bn080823363	GRB 080823A	08:42:13.1426	89.8	-42.4	3.3	*Fermi*-GBM	16	4096	47-291	W
bn080824909	GRB 080824A	21:48:54.7277	122.4	-2.8	1.0	*Fermi*-GBM	6	128	47-291	K
bn080825593	GRB 080825C	14:13:48.1048	234.0	-4.7	1.5	*Fermi*-GBM	9	256	47-291	K, R, IA, S, Me, A, L
bn080828189	GRB 080828B	04:32:11.2646	221.3	-12.3	16.9	*Fermi*-GBM	8	256	47-291	
bn080829790	GRB 080829A	18:57:36.4204	221.9	3.2	4.3	*Fermi*-GBM	8	256	47-291	K, S
bn080830368	GRB 080830A	08:50:16.3344	160.1	30.8	2.5	*Fermi*-GBM	10	512	47-291	K, R, S, Me
bn080831053	GRB 080831A	01:16:14.7521	211.2	-51.7	11.5	*Fermi*-GBM	3	32	47-291	IA
bn080831921	GRB 080831B	22:06:23.1654	259.1	-23.2	2.8	*Fermi*-GBM	8	256	47-291	K
bn080904886	GRB 080904A	21:16:04.7512	214.2	-30.3	2.1	*Fermi*-GBM	37	4096	23-47	K
bn080905499	GRB 080905A	11:58:55.0382	287.7	-18.9	0.0	*Swift*	2	32	47-291	IA, S, W, A
bn080905570	GRB 080905C	13:41:29.3763	96.9	-69.8	8.0	*Fermi*-GBM	12	1024	47-291	W
bn080905705	GRB 080905B	16:55:46.8427	301.7	-62.6	0.0	*Swift*	12	1024	47-291	IA, S
bn080906212	GRB 080906B	05:05:11.5469	182.8	-6.4	1.3	*Fermi*-GBM	9	256	47-291	K, IA, S, Me, W, A
bn080912360	GRB 080912A	08:38:55.9394	25.8	-7.2	7.1	*Fermi*-GBM	15	2048	47-291	W
bn080913735	GRB 080913B	17:38:31.4195	45.1	-3.0	5.9	*Fermi*-GBM	8	256	47-291	
bn080916009	GRB 080916C	00:12:45.6135	119.8	-56.6	0.0	*Swift*	16	4096	47-291	K, R, IA, Me, A, L
bn080916406	GRB 080916A	09:45:18.9384	336.3	-57.0	0.0	*Swift*	14	2048	47-291	K, IA, S, Me, W
bn080919790	GRB 080919B	18:57:35.1052	219.5	44.4	18.1	*Fermi*-GBM	1	16	47-291	
bn080920268	GRB 080920A	06:25:48.8588	121.6	8.9	5.4	*Fermi*-GBM	17	4096	47-291	IA
bn080924766	GRB 080924A	18:22:36.8437	72.8	32.5	4.4	*Fermi*-GBM	13	1024	47-291	K
bn080925775	GRB 080925A	18:35:55.9970	96.1	18.2	1.2	*Fermi*-GBM	8	256	47-291	K, R, Me, W
bn080927480	GRB 080927A	11:30:32.1064	61.3	27.4	4.6	*Fermi*-GBM	13	1024	47-291	K, W
bn080928628	GRB 080928A	15:04:56.0478	95.1	-55.2	0.0	*Swift*	9	256	47-291	
bn081003644	GRB 081003C	15:27:17.9319	259.1	35.4	6.9	*Fermi*-GBM	14	2048	47-291	K, W
bn081006604	GRB 081006A	14:29:34.1726	142.0	-67.4	8.0	*Fermi*-GBM	6	128	47-291	IA, S, W, L
bn081006872	GRB 081006B	20:55:35.5945	172.2	-61.0	8.7	*Fermi*-GBM	10	512	47-291	IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn081008832	GRB 081008A	19:58:01.7992	280.0	-57.4	0.0	*Swift*	12	1024	47-291	IA, S, Me, W
bn081009140	GRB 081009A	03:20:58.0628	250.5	18.4	1.0	*Fermi*-GBM	8	256	47-291	K, R, IA, S, Me
bn081009690	GRB 081009B	16:33:37.3376	64.6	14.2	2.1	*Fermi*-GBM	9	256	47-291	
bn081012045	GRB 081012B	01:05:22.7830	69.7	4.5	5.4	*Fermi*-GBM	7	128	47-291	IA
bn081012549	GRB 081012A	13:10:23.0326	30.2	-17.6	0.0	*Swift*	12	1024	47-291	IA, S, Me
bn081017474	GRB 081017B	11:22:37.4396	109.0	-15.2	8.0	*Fermi*-GBM	13	1024	47-291	
bn081021398	GRB 081021A	09:33:28.0154	190.3	-25.6	4.1	*Fermi*-GBM	10	512	47-291	K, R, S, Me
bn081022364	GRB 081022A	08:44:44.8470	205.4	16.6	7.9	*Fermi*-GBM	8	256	47-291	W
bn081024245	GRB 081024A	05:53:09.0057	27.9	61.3	0.0	*Swift*	4	64	47-291	R, IA, S
bn081024851	GRB 081024C	20:25:34.1230	145.8	-10.8	4.5	*Fermi*-GBM	14	2048	47-291	
bn081024891	GRB 081024B	21:22:40.8642	322.9	21.2	0.2	*Fermi*-LAT	4	64	47-291	IA, W, L
bn081025349	GRB 081025A	08:23:05.2927	245.4	60.5	0.0	*Swift*	10	512	47-291	K, R, IA, S, Me, W
bn081028538	GRB 081028B	12:55:08.1805	16.0	-27.2	6.9	*Fermi*-GBM	8	256	47-291	
bn081101167	GRB 081101C	04:00:39.6334	213.3	-18.5	8.1	*Fermi*-GBM	18	8192	47-291	
bn081101491	GRB 081101A	11:46:32.0579	95.8	-0.1	0.0	*Swift*	4	64	47-291	S
bn081101532	GRB 081101B	12:45:24.0820	207.5	-28.0	1.1	*Fermi*-GBM	10	512	47-291	K, IA, S, Me
bn081102365	GRB 081102B	08:45:00.5059	225.3	22.0	8.6	*Fermi*-GBM	4	64	47-291	IA, Me, W, A
bn081102739	GRB 081102A	17:44:21.5994	331.2	53.0	0.0	*Swift*	12	1024	47-291	K, S
bn081105614	GRB 081105B	14:43:51.2874	215.8	38.7	11.4	*Fermi*-GBM	5	64	47-291	
bn081107321	GRB 081107A	07:42:01.1149	51.0	17.1	3.5	*Fermi*-GBM	7	128	47-291	K, R
bn081109293	GRB 081109A	07:02:02.4154	330.8	-54.7	0.0	*Swift*	17	4096	47-291	R, IA, S, W
bn081110601	GRB 081110A	14:25:43.0316	111.7	21.4	1.8	*Fermi*-GBM	56	128	>100	K, IA, S, Me, A
bn081113230	GRB 081113A	05:31:32.8973	170.3	56.3	12.4	*Fermi*-GBM	26	64	23-47	K, IA, S
bn081115891	GRB 081115A	21:22:28.1472	190.6	63.3	15.1	*Fermi*-GBM	8	256	47-291	
bn081118876	GRB 081118B	21:00:53.5357	54.6	-43.3	3.6	*Fermi*-GBM	13	1024	47-291	K, R
bn081119184	GRB 081119A	04:25:27.0591	346.5	30.0	15.2	*Fermi*-GBM	10	512	47-291	
bn081120618	GRB 081120A	14:49:34.5666	205.4	-9.1	6.0	*Fermi*-GBM	15	2048	47-291	
bn081121858	GRB 081121A	20:35:27.7540	89.3	-60.6	0.0	*Swift*	14	2048	47-291	Mo, K, IA, S, A
bn081122520	GRB 081122A	12:28:12.2113	339.1	40.0	1.0	*Fermi*-GBM	6	128	47-291	K, R, IA, W, ARR
bn081122614	GRB 081122B	14:43:26.2316	151.4	-2.1	11.2	*Fermi*-GBM	1	16	47-291	
bn081124060	GRB 081124A	01:26:10.8478	340.1	-14.6	2.5	*Fermi*-GBM	34	1024	23-47	K, R, IA
bn081125496	GRB 081125A	11:53:39.0035	42.7	-18.9	1.0	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, S, W, A
bn081126899	GRB 081126A	21:34:09.0649	323.5	48.7	0.0	*Swift*	9	256	47-291	K, IA, S
bn081129161	GRB 081129A	03:52:04.2604	63.2	-54.9	3.0	*Fermi*-GBM	9	256	47-291	K, R, IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn081130212	GRB 081130A	05:04:40.7189	34.2	45.4	7.2	*Fermi*-GBM	26	64	23-47	
bn081130629	GRB 081130B	15:05:15.7220	13.2	-5.5	3.8	*Fermi*-GBM	11	512	47-291	K, W
bn081204004	GRB 081204C	00:05:24.2438	63.3	-62.6	4.8	*Fermi*-GBM	11	512	47-291	K
bn081204517	GRB 081204B	12:24:25.7930	150.8	30.5	10.2	*Fermi*-GBM	1	16	47-291	S
bn081206275	GRB 081206A	06:35:53.0181	120.1	32.8	6.4	*Fermi*-GBM	17	4096	47-291	K, IA, W
bn081206604	GRB 081206B	14:29:30.6928	353.3	-31.9	12.6	*Fermi*-GBM	14	2048	47-291	W
bn081206987	GRB 081206C	23:41:50.4689	54.3	-8.6	11.2	Fermi-GBM	15	2048	47-291	IA, W
bn081207680	GRB 081207A	16:18:46.9364	112.4	70.5	1.2	*Fermi*-GBM	12	1024	47-291	K, R, IA, W, A
bn081209981	GRB 081209A	23:31:56.3889	45.3	63.5	4.9	*Fermi*-GBM	1	16	47-291	K, S, A
bn081213173	GRB 081213A	04:09:41.6360	12.9	-33.9	13.2	*Fermi*-GBM	3	32	47-291	IA
bn081215784	GRB 081215A	18:48:36.8462	125.6	54.0	1.0	IPN	11	512	47-291	K, R, IA, A
bn081215880	GRB 081215B	21:06:53.0399	228.6	-50.7	5.4	*Fermi*-GBM	8	256	47-291	K, S, W
bn081216531	GRB 081216A	12:43:59.9939	129.2	7.6	4.4	*Fermi*-GBM	6	128	47-291	K, R, IA, S, W
bn081217983	GRB 081217A	23:34:49.0146	116.8	26.8	2.0	*Fermi*-GBM	14	2048	47-291	K, R, IA
bn081221681	GRB 081221A	16:21:12.2182	15.8	-24.5	0.0	*Swift*	8	256	47-291	Mo, K, S
bn081222204	GRB 081222A	04:54:00.2557	22.7	-34.1	0.0	*Swift*	8	256	47-291	Mo, K, R, IA, S, A
bn081223419	GRB 081223A	10:03:57.1476	112.5	33.2	3.8	*Fermi*-GBM	2	32	47-291	IA
bn081224887	GRB 081224A	21:17:55.4139	201.7	75.1	1.0	*Fermi*-GBM	5	64	47-291	K, IA, S, W, A, ARR
bn081225257	GRB 081225A	06:09:21.3432	234.1	-64.6	6.9	*Fermi*-GBM	17	4096	47-291	
bn081226044	GRB 081226A	01:03:37.5263	120.5	-69.0	0.0	*Swift*	7	128	47-291	IA, S
bn081226156	GRB 081226C	03:44:52.4146	193.0	26.8	2.4	*Fermi*-GBM	34	1024	23-47	K
bn081226509	GRB 081226B	12:13:10.7055	25.5	-47.4	0.0	*INTEGRAL*	4	64	47-291	IA, IS, S, W
bn081229187	GRB 081229A	04:29:01.8801	172.6	56.9	8.8	*Fermi*-GBM	5	64	47-291	IA
bn081229675	...	16:12:17.3755	310.0	22.8	20.7	*Fermi*-GBM	1	16	47-291	
bn081230871	GRB 081230B	20:53:40.9368	207.6	-17.3	7.7	*Fermi*-GBM	7	128	47-291	
bn081231140	GRB 081231A	03:21:01.9340	208.6	-35.8	1.0	*Fermi*-GBM	10	512	47-291	Mo, K, IA, ARR
bn090101758	GRB 090101A	18:11:41.9175	77.8	-31.6	1.2	*Fermi*-GBM	13	1024	47-291	K, R
bn090102122	GRB 090102A	02:55:30.8461	128.2	33.1	0.0	*Swift*	8	256	47-291	Mo, K, IA, S, A
bn090107681	GRB 090107B	16:20:42.7656	284.8	59.6	0.0	*INTEGRAL*	14	2048	47-291	K, IS, W
bn090108020	GRB 090108A	00:29:02.3655	260.8	46.0	3.8	*Fermi*-GBM	1	16	47-291	K, W
bn090108322	GRB 090108B	07:43:23.3598	0.4	-32.9	8.3	*Fermi*-GBM	3	32	47-291	
bn090109332	GRB 090109A	07:58:29.4926	129.6	51.8	9.8	*Fermi*-GBM	8	256	47-291	
bn090112332	GRB 090112A	07:57:23.1109	110.9	-30.4	1.0	*Fermi*-GBM	10	512	47-291	IA, W
bn090112729	GRB 090112B	17:30:15.4538	192.3	25.4	1.7	*Fermi*-GBM	13	1024	47-291	Mo, K, R, S, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090113778	GRB 090113A	18:40:40.8419	32.1	33.4	0.0	*Swift*	10	512	47-291	S, Me, W
bn090117335	GRB 090117B	08:02:02.2267	227.3	-41.5	4.8	*Fermi*-GBM	10	512	47-291	
bn090117632	GRB 090117C	15:10:40.1758	121.6	-38.8	1.9	*Fermi*-GBM	17	4096	47-291	K, IA, W
bn090117640	GRB 090117A	15:22:01.0547	164.0	-58.2	0.0	*AGILE*	9	256	47-291	K, A
bn090120627	GRB 090120A	15:02:22.7594	38.1	-72.2	11.2	*Fermi*-GBM	11	512	47-291	W
bn090126227	GRB 090126B	05:26:22.2341	189.2	34.1	3.6	*Fermi*-GBM	34	1024	23-47	
bn090126245	GRB 090126C	05:52:33.7347	224.9	41.2	11.1	*Fermi*-GBM	8	256	47-291	W
bn090129880	GRB 090129A	21:07:15.4256	269.0	-32.8	0.0	*Swift*	8	256	47-291	IA, S, Me
bn090131090	GRB 090131A	02:09:21.1491	352.3	21.2	1.0	*Fermi*-GBM	8	256	47-291	Mo, K, R, IA, S, Me, W, A
bn090202347	GRB 090202A	08:19:30.4005	274.3	-2.0	2.6	*Fermi*-GBM	13	1024	47-291	K, IA, Me
bn090206620	GRB 090206A	14:52:42.1707	156.2	8.8	8.7	*Fermi*-GBM	1	16	47-291	R, IA, W
bn090207777	GRB 090207A	18:39:10.8373	252.7	34.9	3.8	*Fermi*-GBM	12	1024	47-291	R, IA, S, Me, W
bn090213236	GRB 090213A	05:39:25.4589	330.6	-55.0	3.1	*Fermi*-GBM	16	4096	47-291	
bn090217206	GRB 090217A	04:56:42.5578	204.9	-8.4	0.5	*Fermi*-LAT	9	256	47-291	Mo, K, R, IA, Me, W, L
bn090219074	GRB 090219A	01:46:18.1486	26.5	59.2	5.2	*Fermi*-GBM	5	64	47-291	IA
bn090222179	GRB 090222A	04:17:09.5761	118.6	45.0	4.3	*Fermi*-GBM	10	512	47-291	
bn090225009	GRB 090225A	00:12:23.9776	358.2	61.0	8.7	*Fermi*-GBM	8	256	47-291	A
bn090227310	GRB 090227A	07:25:57.0031	3.3	-43.0	1.2	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, W
bn090227772	GRB 090227B	18:31:01.4069	11.8	32.2	1.8	*Fermi*-GBM	1	16	47-291	K, IA, Me, W, L, ARR
bn090228204	GRB 090228A	04:53:20.9115	106.8	-24.3	1.0	*Fermi*-GBM	1	16	47-291	Mo, K, R, Me, A, ARR
bn090228976	GRB 090228B	23:25:01.0233	357.6	36.7	3.3	*Fermi*-GBM	9	256	47-291	IA, W
bn090301315	GRB 090301B	07:33:37.9783	352.8	9.5	5.0	*Fermi*-GBM	13	1024	47-291	R, IA, W
bn090304216	GRB 090304A	05:10:48.1569	195.9	-73.4	12.3	*Fermi*-GBM	8	256	47-291	IA, Me
bn090305052	GRB 090305B	01:14:35.7277	135.0	74.3	5.4	*Fermi*-GBM	5	64	47-291	K, IA, Me, A
bn090306245	GRB 090306C	05:52:05.3453	137.0	57.0	4.1	*Fermi*-GBM	14	2048	47-291	
bn090307167	GRB 090307B	03:59:57.2490	172.7	-23.9	12.4	*Fermi*-GBM	17	4096	47-291	
bn090308734	GRB 090308B	17:36:24.6992	21.9	-54.3	4.8	*Fermi*-GBM	7	128	47-291	K, R, IA, S, Me
bn090309767	GRB 090309B	18:25:07.1934	174.3	-49.5	3.6	*Fermi*-GBM	12	1024	47-291	
bn090310189	GRB 090310A	04:32:49.9024	184.9	-34.2	4.7	*Fermi*-GBM	9	256	47-291	
bn090316311	GRB 090316A	07:27:42.4470	256.1	-38.9	9.3	*Fermi*-GBM	4	64	47-291	
bn090319622	GRB 090319A	14:55:35.2224	283.3	-8.9	2.6	*Fermi*-GBM	17	4096	47-291	K, IA, A
bn090320045	GRB 090320C	01:05:10.5273	108.3	-43.3	17.9	*Fermi*-GBM	14	2048	47-291	
bn090320418	GRB 090320A	10:01:46.0112	238.0	-46.5	12.0	*Fermi*-GBM	12	1024	47-291	
bn090320801	GRB 090320B	19:13:46.0964	183.4	49.8	9.5	*Fermi*-GBM	11	512	47-291	K

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090323002	GRB 090323A	00:02:42.6274	190.7	17.1	0.0	*Swift*	14	2048	47-291	Mo, K, IA, S, Me, L, ARR
bn090326633	GRB 090326A	15:10:49.4848	259.7	-7.4	4.0	*Fermi*-GBM	15	2048	47-291	
bn090327404	GRB 090327A	09:41:41.5202	33.1	-41.5	3.1	*Fermi*-GBM	12	1024	47-291	K, R
bn090328401	GRB 090328A	09:36:46.5113	90.9	-42.0	0.0	*Swift*	14	2048	47-291	K, R, IA, S, Me, A, L, ARR
bn090328713	GRB 090328B	17:07:04.9370	155.7	33.4	7.9	*Fermi*-GBM	1	16	47-291	K, IA, W, A, ARR
bn090330279	GRB 090330A	06:42:22.0973	160.2	-8.2	2.1	*Fermi*-GBM	14	2048	47-291	K, R, Me
bn090331681	GRB 090331A	16:20:20.3852	210.5	3.1	9.3	*Fermi*-GBM	5	64	47-291	IA
bn090403314	GRB 090403A	07:32:42.1295	67.1	47.2	9.7	*Fermi*-GBM	12	1024	47-291	K
bn090405663	GRB 090405A	15:54:41.3408	221.9	-9.2	10.4	*Fermi*-GBM	5	64	47-291	IA, S
bn090409288	GRB 090409A	06:54:01.4422	302.1	1.1	9.6	*Fermi*-GBM	17	4096	47-291	IA
bn090411838	GRB 090411A	20:06:36.8889	156.0	-68.9	2.4	*Fermi*-GBM	6	128	47-291	K, R, IA, S, Me, W
bn090411991	GRB 090411B	23:47:44.8754	38.5	5.1	2.4	*Fermi*-GBM	10	512	47-291	Mo, K, S, W
bn090412061	GRB 090412A	01:28:05.2531	1.3	-51.9	10.6	*Fermi*-GBM	7	128	47-291	IA
bn090413122	GRB 090413A	02:55:57.2416	266.5	-9.2	5.5	*Fermi*-GBM	8	256	47-291	K, Me
bn090418816	GRB 090418C	19:35:24.9183	262.8	-28.2	14.4	*Fermi*-GBM	7	128	47-291	IA, W
bn090419997	GRB 090419B	23:55:05.0509	88.6	31.3	3.6	*Fermi*-GBM	15	2048	47-291	K, W
bn090422150	GRB 090422A	03:35:17.0668	294.7	40.4	0.0	*Swift*	10	512	47-291	S
bn090423330	GRB 090423A	07:55:25.3942	148.7	18.1	0.0	*Swift*	16	4096	47-291	S
bn090424592	GRB 090424A	14:12:08.6651	189.5	16.8	0.0	*Swift*	6	128	47-291	K, R, IA, S, Me, W, A
bn090425377	GRB 090425A	09:03:30.5674	118.6	68.1	2.1	*Fermi*-GBM	7	128	47-291	K, R, IA, W
bn090426066	GRB 090426B	01:35:35.2251	17.6	-19.2	18.1	*Fermi*-GBM	14	2048	47-291	
bn090426690	GRB 090426C	16:33:33.2023	82.7	-9.7	2.0	*Fermi*-GBM	9	256	47-291	K, A
bn090427644	GRB 090427B	15:27:00.8558	210.0	-45.7	11.8	*Fermi*-GBM	14	2048	47-291	IA
bn090427688	GRB 090427C	16:30:23.8089	356.2	-34.6	5.8	*Fermi*-GBM	12	1024	47-291	W
bn090428441	GRB 090428A	10:34:38.4630	210.1	39.5	4.2	*Fermi*-GBM	7	128	47-291	
bn090428552	GRB 090428B	13:15:11.0554	0.8	11.5	3.9	*Fermi*-GBM	36	2048	23-47	K, W
bn090429530	GRB 090429C	12:43:25.6998	260.0	54.3	4.8	*Fermi*-GBM	13	1024	47-291	K, IA
bn090429753	GRB 090429D	18:03:57.5120	125.2	6.2	4.6	*Fermi*-GBM	4	64	47-291	K, IA, S
bn090502777	GRB 090502A	18:39:34.6476	267.8	-20.3	7.4	*Fermi*-GBM	9	256	47-291	
bn090509215	GRB 090509A	05:10:05.7161	241.4	-28.4	0.0	*Swift*	15	2048	47-291	K, IA, S, W
bn090510016	GRB 090510A	00:22:59.9711	333.6	-26.6	0.0	*Swift*	1	16	47-291	Mo, K, IA, S, Me, W, A, L, ARR
bn090510325	GRB 090510B	07:47:39.5123	269.4	-57.9	11.6	*Fermi*-GBM	8	256	47-291	K
bn090511684	GRB 090511A	16:25:16.3719	161.9	51.3	7.0	*Fermi*-GBM	15	2048	47-291	K, IA
bn090513916	GRB 090513A	21:58:47.9205	269.8	-31.6	4.6	*Fermi*-GBM	15	2048	47-291	IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090513941	GRB 090513B	22:35:35.3399	99.1	-72.9	8.8	*Fermi*-GBM	14	2048	47-291	
bn090514006	GRB 090514A	00:08:39.1570	12.3	-10.9	4.6	*Fermi*-GBM	10	512	47-291	K, Me, W
bn090514726	GRB 090514B	17:26:07.3322	304.3	-24.4	5.5	*Fermi*-GBM	9	256	47-291	K, IA, S, Me, W
bn090514734	GRB 090514C	17:36:55.2927	316.0	-44.0	15.2	*Fermi*-GBM	17	4096	47-291	
bn090516137	GRB 090516B	03:17:20.1691	122.2	-71.6	2.6	*Fermi*-GBM	15	2048	47-291	K, S, Me, W, A
bn090516353	GRB 090516A	08:27:58.3477	138.3	-11.9	0.0	*Swift*	17	4096	47-291	S
bn090516853	GRB 090516C	20:28:40.0468	15.7	-13.7	3.5	*Fermi*-GBM	5	64	47-291	K, IA, Me
bn090518080	GRB 090518A	01:54:44.5170	119.9	0.8	0.0	*Swift*	11	512	47-291	K, S
bn090518244	GRB 090518B	05:51:04.6687	211.2	-16.7	4.5	*Fermi*-GBM	6	128	47-291	K, IA, Me, W
bn090519462	GRB 090519B	11:05:27.5445	105.9	-56.7	3.9	*Fermi*-GBM	13	1024	47-291	R
bn090519881	GRB 090519A	21:08:45.8729	142.3	0.2	0.0	*Swift*	15	2048	47-291	S
bn090520832	GRB 090520B	19:57:53.9759	332.0	43.2	12.0	*Fermi*-GBM	8	256	47-291	
bn090520850	GRB 090520C	20:23:19.3082	111.2	-19.7	1.2	*Fermi*-GBM	9	256	47-291	K, Me, W
bn090520876	GRB 090520D	21:01:37.1455	131.3	-18.0	4.3	*Fermi*-GBM	33	1024	23-47	
bn090522344	GRB 090522A	08:15:49.3265	277.7	19.6	4.9	*Fermi*-GBM	12	1024	47-291	K
bn090524346	GRB 090524A	08:17:56.2335	329.5	-67.4	1.3	*Fermi*-GBM	10	512	47-291	K, IA, Me
bn090528173	GRB 090528A	04:09:01.1410	134.9	-35.8	1.0	*Fermi*-GBM	15	2048	47-291	K, W
bn090528516	GRB 090528B	12:22:31.2864	312.2	32.7	1.0	*Fermi*-GBM	14	2048	47-291	K, IA, S, Me, W, A
bn090529310	GRB 090529B	07:26:22.4114	231.2	32.2	7.2	*Fermi*-GBM	8	256	47-291	K
bn090529564	GRB 090529C	13:32:00.4878	162.7	47.3	1.5	*Fermi*-GBM	4	64	47-291	Mo, K, IA, W, ARR
bn090530760	GRB 090530B	18:14:24.4343	73.2	13.8	1.0	*Fermi*-GBM	12	1024	47-291	K, IA, Me, W
bn090531775	GRB 090531B	18:35:56.4921	252.1	-36.0	0.0	*Swift*	5	64	47-291	IA, S, W, A, L
bn090602564	GRB 090602A	13:32:22.8543	248.9	-65.0	3.4	*Fermi*-GBM	11	512	47-291	K, IA, S, W
bn090606471	GRB 090606A	11:18:08.0027	146.9	-70.5	5.6	*Fermi*-GBM	15	2048	47-291	Me
bn090608052	GRB 090608A	01:15:26.5975	100.2	-37.4	4.5	*Fermi*-GBM	14	2048	47-291	
bn090610648	GRB 090610A	15:33:25.9360	84.2	35.4	5.2	*Fermi*-GBM	10	512	47-291	K, IA, S, Me, W, A
bn090610723	GRB 090610B	17:21:31.9045	276.0	-42.1	9.5	*Fermi*-GBM	17	4096	47-291	K
bn090610883	GRB 090610C	21:12:07.7336	70.4	30.3	8.2	*Fermi*-GBM	14	2048	47-291	
bn090612619	GRB 090612A	14:50:50.4940	81.0	17.7	2.2	*Fermi*-GBM	6	128	47-291	K, S, Me, A
bn090616157	GRB 090616A	03:45:42.5323	103.1	-3.7	10.4	*Fermi*-GBM	9	256	47-291	
bn090617208	GRB 090617A	04:59:58.5756	78.9	15.6	4.2	*Fermi*-GBM	1	16	47-291	K, IA, S, Me, W, A, ARR
bn090618353	GRB 090618A	08:28:26.6590	294.0	78.4	0.0	*Swift*	10	512	47-291	Mo, K, R, IA, S, W, A
bn090620400	GRB 090620A	09:36:23.4676	237.4	61.2	1.0	*Fermi*-GBM	8	256	47-291	Mo, K, R, IA, Me, A
bn090620901	GRB 090620B	21:37:35.7510	241.4	-43.0	8.3	*Fermi*-GBM	10	512	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090621185	GRB 090621A	04:26:34.4877	11.0	61.9	0.0	*Swift*	14	2048	47-291	
bn090621417	GRB 090621C	10:00:52.0963	257.5	-28.5	3.2	*Fermi*-GBM	15	2048	47-291	R
bn090621447	GRB 090621D	10:43:45.1445	12.3	-22.6	6.5	*Fermi*-GBM	12	1024	47-291	
bn090621922	GRB 090621B	22:07:25.7006	313.4	69.0	0.1	*Swift*	1	16	47-291	K, S
bn090623107	GRB 090623A	02:34:17.5618	309.0	-43.2	2.0	*Fermi*-GBM	4	64	47-291	Mo, K, IA, S, W
bn090623913	GRB 090623B	21:54:25.1132	41.7	1.8	1.5	*Fermi*-GBM	10	512	47-291	K, W
bn090625234	GRB 090625A	05:37:00.2090	20.3	-6.4	3.1	*Fermi*-GBM	14	2048	47-291	IA
bn090625560	GRB 090625B	13:26:22.5142	2.3	-65.8	0.0	*Swift*	17	4096	47-291	K, IS, W
bn090626189	GRB 090626A	04:32:08.8802	170.0	-33.5	0.3	*Fermi*-LAT	11	512	47-291	Mo, K, R, IA, S, Me, W, L
bn090626707	GRB 090626B	16:58:45.4643	136.4	14.4	7.7	*Fermi*-GBM	12	1024	47-291	W
bn090629543	GRB 090629A	13:01:21.7834	8.5	17.7	7.4	*Fermi*-GBM	17	4096	47-291	
bn090630311	GRB 090630A	07:27:21.1663	146.6	-46.6	5.8	*Fermi*-GBM	8	256	47-291	
bn090701225	GRB 090701A	05:23:55.8438	114.7	-42.1	4.2	*Fermi*-GBM	12	1024	47-291	
bn090703329	GRB 090703A	07:54:02.4773	0.8	9.7	5.2	*Fermi*-GBM	13	1024	47-291	
bn090704242	GRB 090704A	05:47:48.1849	208.2	22.8	0.0	*INTEGRAL*	15	2048	47-291	R, IS
bn090704783	GRB 090704B	18:47:00.6224	296.4	25.9	6.3	*Fermi*-GBM	17	4096	47-291	K, IA
bn090706283	GRB 090706A	06:47:40.4279	205.1	-47.1	3.0	*Fermi*-GBM	17	4096	47-291	S
bn090708152	GRB 090708A	03:38:18.4565	154.6	26.6	0.1	*Swift*	17	4096	47-291	S
bn090709630	GRB 090709B	15:07:41.1367	93.6	64.1	0.1	*Swift*	12	1024	47-291	K, S
bn090711850	GRB 090711A	20:23:22.9192	139.6	-64.7	1.0	*Fermi*-GBM	13	1024	47-291	IA, W
bn090712160	GRB 090712A	03:51:00.3413	70.1	22.5	0.0	*Swift*	17	4096	47-291	K, S, W
bn090713020	GRB 090713A	00:29:28.0600	284.8	-3.3	2.4	*Fermi*-GBM	14	2048	47-291	K, W
bn090717034	GRB 090717A	00:49:32.1084	92.4	-62.5	1.2	*Fermi*-GBM	11	512	47-291	Mo, K, IA, S, W, A
bn090717111	GRB 090717B	02:40:31.7864	246.9	23.0	3.9	*Fermi*-GBM	8	256	47-291	IA, W, A
bn090718720	GRB 090718A	17:16:42.9331	243.8	-6.7	5.9	*Fermi*-GBM	14	2048	47-291	
bn090718762	GRB 090718B	18:17:42.8414	274.1	-36.4	1.2	*Fermi*-GBM	10	512	47-291	Mo, K, S
bn090719063	GRB 090719A	01:31:26.6117	341.3	-67.9	1.0	*Fermi*-GBM	6	128	47-291	Mo, K, A
bn090720276	GRB 090720A	06:38:08.2827	203.7	-10.3	0.1	*Swift*	7	128	47-291	K, R, IA, S
bn090720710	GRB 090720B	17:02:56.9051	203.0	-54.8	2.9	*Fermi*-GBM	1	16	47-291	K, IA, W, A, L, ARR
bn090725838	GRB 090725A	20:06:20.5520	281.9	-69.5	6.6	*Fermi*-GBM	17	4096	47-291	
bn090726218	GRB 090726B	05:14:07.0692	240.4	36.8	7.1	*Fermi*-GBM	13	1024	47-291	W
bn090730608	GRB 090730A	14:35:07.6683	252.6	30.5	3.7	*Fermi*-GBM	9	256	47-291	K
bn090802235	GRB 090802A	05:39:03.0822	84.3	34.1	3.9	*Fermi*-GBM	1	16	47-291	K, R, IA, S, A
bn090802666	GRB 090802B	15:58:23.4438	267.0	-71.8	10.7	*Fermi*-GBM	12	1024	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090804940	GRB 090804A	22:33:20.0192	130.4	-11.3	1.0	*Fermi*-GBM	4	64	47-291	K, IA, S, Me, W
bn090805622	GRB 090805A	14:55:18.2387	300.0	-50.8	11.0	*Fermi*-GBM	12	1024	47-291	
bn090807832	GRB 090807B	19:57:59.0173	326.9	7.2	2.6	*Fermi*-GBM	25	64	23-47	S
bn090809978	GRB 090809B	23:28:14.6113	95.2	0.2	1.2	*Fermi*-GBM	15	2048	47-291	K, R, IA, Me, A
bn090810659	GRB 090810A	15:49:07.8220	168.9	-76.4	5.5	*Fermi*-GBM	14	2048	47-291	K, W
bn090810781	GRB 090810B	18:44:44.8577	116.4	-17.5	2.8	*Fermi*-GBM	12	1024	47-291	K
bn090811696	GRB 090811A	16:41:50.0382	277.0	22.2	7.5	*Fermi*-GBM	6	128	47-291	K, Me
bn090813174	GRB 090813A	04:10:42.5926	225.8	88.6	0.0	*Swift*	8	256	47-291	Mo, K, IA, S, W, ARR
bn090814368	GRB 090814C	08:49:41.2219	332.5	58.9	5.5	*Fermi*-GBM	4	64	47-291	K, IA, Me, A
bn090814950	GRB 090814D	22:47:28.7773	307.6	45.7	2.1	*Fermi*-GBM	16	4096	47-291	K, S, Me
bn090815300	GRB 090815A	07:12:12.4482	41.0	-2.7	7.8	*Fermi*-GBM	15	2048	47-291	IA
bn090815438	GRB 090815B	10:30:41.8488	21.4	53.4	5.7	*Fermi*-GBM	15	2048	47-291	K
bn090815946	GRB 090815D	22:41:46.5997	251.3	52.9	2.3	*Fermi*-GBM	17	4096	47-291	S
bn090817036	GRB 090817A	00:51:26.2058	64.0	44.1	0.0	*INTEGRAL*	9	256	47-291	K, IS, S, W
bn090819607	GRB 090819A	14:34:27.4683	49.1	-67.1	3.3	*Fermi*-GBM	4	64	47-291	IA
bn090820027	GRB 090820A	00:38:16.1887	87.7	27.1	1.0	*Fermi*-GBM	8	256	47-291	K, R, IA, S, W, A, ARR
bn090820509	GRB 090820B	12:13:16.7003	318.3	-18.6	9.6	*Fermi*-GBM	9	256	47-291	
bn090823133	GRB 090823B	03:10:53.7641	49.5	-17.6	10.4	*Fermi*-GBM	12	1024	47-291	S
bn090824918	GRB 090824A	22:02:19.1051	46.7	59.8	12.2	*Fermi*-GBM	36	2048	23-47	K
bn090826068	GRB 090826A	01:37:31.8544	140.6	-0.1	9.7	*Fermi*-GBM	12	1024	47-291	W
bn090828099	GRB 090828A	02:22:48.1994	124.4	-26.1	1.2	*Fermi*-GBM	15	2048	47-291	K, IA, S, Me, W, A
bn090829672	GRB 090829A	16:07:38.8640	329.2	-34.2	1.0	*Fermi*-GBM	12	1024	47-291	Mo, K, S, Me, W, A, ARR
bn090829702	GRB 090829B	16:50:40.1331	355.0	-9.4	3.2	*Fermi*-GBM	13	1024	47-291	R, Me
bn090831317	GRB 090831A	07:36:36.5826	145.1	51.0	1.9	*Fermi*-GBM	1	16	47-291	K, IA, W, M
bn090902401	GRB 090902A	09:38:05.4940	291.0	53.1	3.8	*Fermi*-GBM	8	256	47-291	IA, S, W
bn090902462	GRB 090902B	11:05:08.3127	264.9	27.3	0.0	*Swift*	6	128	47-291	R, IA, S, W, L, ARR
bn090904058	GRB 090904B	01:24:13.9373	264.2	-25.2	0.1	*Swift*	12	1024	47-291	K, IA, S, W
bn090904581	GRB 090904C	13:57:17.1254	261.6	4.6	2.5	*Fermi*-GBM	10	512	47-291	K, W
bn090907017	GRB 090907A	00:24:09.7163	86.3	-38.8	2.1	*Fermi*-GBM	12	1024	47-291	
bn090907808	GRB 090907B	19:23:47.4742	81.1	20.5	4.1	*Fermi*-GBM	5	64	47-291	K
bn090908314	GRB 090908A	07:31:52.0875	282.2	3.5	8.0	*Fermi*-GBM	17	4096	47-291	K
bn090908341	GRB 090908B	08:10:39.8143	174.1	-25.1	4.6	*Fermi*-GBM	9	256	47-291	K, IA, S, Me
bn090909487	GRB 090909A	11:41:17.1795	32.3	53.9	8.1	*Fermi*-GBM	13	1024	47-291	K, W
bn090909854	GRB 090909B	20:29:52.7396	54.2	-25.0	8.3	*Fermi*-GBM	5	64	47-291	IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn090910812	GRB 090910A	19:29:48.8069	296.2	72.3	1.0	*Fermi*-GBM	12	1024	47-291	K, Me
bn090912660	GRB 090912A	15:50:29.1033	188.0	61.5	0.0	*Swift*	12	1024	47-291	K, S, W
bn090915650	GRB 090915A	15:35:35.6511	238.0	15.5	0.0	*Swift*	13	1024	47-291	K, S, W
bn090917661	GRB 090917A	15:51:38.9418	230.3	-11.7	5.9	*Fermi*-GBM	8	256	47-291	W, ARR
bn090920035	GRB 090920A	00:49:59.0621	299.7	-52.2	5.7	*Fermi*-GBM	18	8192	47-291	K
bn090922539	GRB 090922A	12:56:42.1373	17.2	74.3	1.0	*Fermi*-GBM	12	1024	47-291	K, R, Me, W, A, ARR
bn090922605	GRB 090922B	14:30:41.5287	38.4	-73.1	3.3	*Fermi*-GBM	4	64	47-291	K, R, Me, W
bn090924625	GRB 090924A	14:59:54.0113	69.7	-65.0	7.1	*Fermi*-GBM	5	64	47-291	IA, ARR
bn090925389	GRB 090925A	09:20:33.6723	333.2	14.3	4.4	*Fermi*-GBM	15	2048	47-291	K, R, Me, W
bn090926181	GRB 090926A	04:20:26.9865	353.4	-66.3	0.0	*Swift*	8	256	47-291	Mo, K, R, IA, S, Me, W, A, L, ARR
bn090926914	GRB 090926B	21:55:28.5250	46.3	-39.0	0.1	*Swift*	13	1024	47-291	K, S, Me, M
bn090927422	GRB 090927A	10:07:17.2136	344.0	-71.0	0.1	*Swift*	6	128	47-291	IA, S, W
bn090928646	GRB 090928A	15:29:44.6648	103.9	-43.5	8.9	*Fermi*-GBM	8	256	47-291	K, Me, W
bn090929190	GRB 090929A	04:33:03.9663	51.7	-7.3	1.3	*Fermi*-GBM	2	32	47-291	K, R, IA, S, W
bn091002685	GRB 091002A	16:26:11.1643	41.9	-14.0	4.2	*Fermi*-GBM	8	256	47-291	
bn091003191	GRB 091003A	04:35:45.5846	251.5	36.6	0.0	*Swift*	6	128	47-291	K, IA, S, Me, W, A, L, ARR
bn091005679	GRB 091005A	16:17:30.4905	43.1	12.1	5.1	*Fermi*-GBM	12	1024	47-291	
bn091006360	GRB 091006A	08:38:46.9285	243.1	-31.0	12.9	*Fermi*-GBM	8	256	47-291	
bn091010113	GRB 091010A	02:43:09.3213	298.7	-22.5	0.1	*AGILE*	30	256	23-47	K, X, IA, Me, W, A, ARR
bn091012783	GRB 091012A	18:47:02.7698	109.4	87.3	2.5	*Fermi*-GBM	4	64	47-291	K, IA, S, W, A
bn091013989	...	23:44:25.8305	244.0	-12.8	13.9	*Fermi*-GBM	39	8192	23-47	
bn091015129	GRB 091015B	03:05:42.9372	316.1	-49.5	12.6	*Fermi*-GBM	35	2048	23-47	
bn091017861	GRB 091017A	20:40:24.2971	210.8	25.5	8.5	*Fermi*-GBM	12	1024	47-291	W
bn091017985	GRB 091017B	23:38:57.4707	214.4	-64.7	1.7	*Fermi*-GBM	14	2048	47-291	W
bn091018957	GRB 091018B	22:58:20.6027	321.8	-23.1	13.1	*Fermi*-GBM	5	64	47-291	IA
bn091019750	GRB 091019A	18:00:40.8812	226.0	80.3	12.8	*Fermi*-GBM	2	32	47-291	
bn091020900	GRB 091020A	21:36:43.8167	175.7	51.0	0.0	*Swift*	8	256	47-291	Mo, K, IA, S
bn091020977	GRB 091020B	23:26:34.4485	187.8	-13.4	2.2	*Fermi*-GBM	5	64	47-291	Mo, K, S
bn091023021	GRB 091023A	00:29:44.5452	215.4	26.0	7.2	*Fermi*-GBM	11	512	47-291	W
bn091024372[b]	GRB 091024A	08:55:58.4721	339.3	56.9	0.0	*Swift*	11	512	47-291	K, R, IA, S, ARR
bn091024380[b]	GRB 091024A	09:06:29.3574	339.3	56.9	0.0	*Swift*	16	4096	47-291	
bn091026485	GRB 091026B	11:38:48.5224	137.1	-23.6	8.1	*Fermi*-GBM	12	1024	47-291	K, W
bn091026550	GRB 091026A	13:11:33.0196	276.6	-86.1	0.0	*Swift*	16	4096	47-291	K, IA, S
bn091030613	GRB 091030B	14:43:16.4358	249.0	23.5	5.6	*Fermi*-GBM	10	512	47-291	K, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn091030828	GRB 091030A	19:52:26.8633	41.7	21.5	1.2	*Fermi*-GBM	9	256	47-291	K, R, W
bn091031500	GRB 091031A	12:00:28.8460	71.7	-57.5	0.3	*Fermi*-LAT	8	256	47-291	Mo, K, S, W, L
bn091101143	GRB 091101A	03:26:32.4886	29.8	-33.7	2.2	*Fermi*-GBM	8	256	47-291	K, R, W
bn091102607	GRB 091102A	14:34:38.3625	72.6	-72.5	0.0	*Swift*	11	512	47-291	K, S, W
bn091103912	GRB 091103A	21:53:51.4847	170.6	11.3	2.4	*Fermi*-GBM	8	256	47-291	K, W
bn091106762	GRB 091106A	18:17:12.8908	49.1	60.3	5.6	*Fermi*-GBM	15	2048	47-291	K
bn091107635	GRB 091107A	15:13:59.6296	182.4	38.9	4.5	*Fermi*-GBM	10	512	47-291	K, W
bn091109895	GRB 091109C	21:28:40.0122	247.7	42.3	4.1	*Fermi*-GBM	8	256	47-291	K, W
bn091112737	GRB 091112A	17:41:15.8218	257.7	-36.7	0.1	*Swift*	10	512	47-291	K, S, W
bn091112928	GRB 091112B	22:15:51.1902	208.4	37.2	4.5	*Fermi*-GBM	11	512	47-291	K
bn091115177	GRB 091115A	04:14:50.4195	307.8	71.5	7.9	*Fermi*-GBM	17	4096	47-291	K
bn091117080	GRB 091117B	01:55:24.8969	246.5	-73.9	6.8	*Fermi*-GBM	17	4096	47-291	
bn091120191	GRB 091120A	04:34:40.2297	226.8	-21.8	0.5	MAXI	6	128	47-291	Mo, K, R, IA, A, M, ARR
bn091122163	GRB 091122A	03:54:20.3750	120.5	-31.1	12.9	*Fermi*-GBM	10	512	47-291	IA
bn091123081	GRB 091123B	01:55:59.7529	337.8	13.4	5.9	*Fermi*-GBM	10	512	47-291	K, IA
bn091123298	GRB 091123A	07:08:37.2603	297.1	-29.2	2.4	*Fermi*-GBM	14	2048	47-291	K, IA, W, A
bn091126333	GRB 091126A	07:59:24.7624	83.2	-19.3	5.4	*Fermi*-GBM	1	16	47-291	K, IA, W
bn091126389	...	09:19:48.5326	47.4	31.5	14.3	*Fermi*-GBM	1	16	47-291	
bn091127976	GRB 091127A	23:25:45.4830	36.6	-19.0	0.0	*Swift*	4	64	47-291	Mo, K, R, IA, S, W, ARR
bn091128285	GRB 091128A	06:50:34.6410	127.7	1.7	1.4	*Fermi*-GBM	11	512	47-291	K, R, IA, A
bn091201089	GRB 091201A	02:07:32.9477	27.8	11.9	11.4	*Fermi*-GBM	17	4096	47-291	
bn091202072	GRB 091202B	01:44:06.5285	257.5	-1.9	12.1	*Fermi*-GBM	10	512	47-291	K, W
bn091202219	GRB 091202C	05:15:42.6582	13.9	9.1	5.8	*Fermi*-GBM	15	2048	47-291	S
bn091207333	GRB 091207A	08:00:10.1058	12.7	-50.2	1.6	*Fermi*-GBM	8	256	47-291	K, IA
bn091208410	GRB 091208B	09:49:57.9560	29.4	16.9	0.0	*Swift*	9	256	47-291	K, R, IA, S, L, ARR
bn091209001	GRB 091209A	00:00:44.8977	261.0	38.3	2.9	*Fermi*-GBM	14	2048	47-291	K
bn091215234	GRB 091215A	05:37:26.8650	283.2	17.5	9.8	*Fermi*-GBM	12	1024	47-291	K
bn091219462	GRB 091219A	11:04:45.4947	294.5	71.9	5.4	*Fermi*-GBM	9	256	47-291	K, W
bn091220442	GRB 091220A	10:36:50.6362	166.8	4.8	1.8	*Fermi*-GBM	8	256	47-291	K, W
bn091221870	GRB 091221A	20:52:57.2170	55.8	23.2	0.0	*Swift*	17	4096	47-291	Mo, K, R, IA, S, Me, W
bn091223191	GRB 091223A	04:35:10.3547	203.2	76.3	8.9	*Fermi*-GBM	9	256	47-291	IA, S
bn091223511	GRB 091223B	12:15:53.6895	231.3	54.7	2.4	*Fermi*-GBM	14	2048	47-291	K, S
bn091224373	GRB 091224A	08:57:36.5574	331.2	18.3	15.6	*Fermi*-GBM	5	64	47-291	
bn091227294	GRB 091227A	07:03:13.3858	296.9	2.6	3.6	*Fermi*-GBM	8	256	47-291	Mo, K, Me

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn091230260	GRB 091230B	06:14:09.3592	101.5	0.7	18.0	*Fermi*-GBM	17	4096	47-291	
bn091230712	GRB 091230C	17:05:14.0175	51.7	77.2	5.1	*Fermi*-GBM	12	1024	47-291	K
bn091231206	GRB 091231A	04:56:33.4876	199.4	-60.7	1.7	*Fermi*-GBM	13	1024	47-291	K, S, Me
bn091231540	GRB 091231B	12:57:48.5805	241.3	3.3	12.6	*Fermi*-GBM	17	4096	47-291	
bn100101028	GRB 100101A	00:39:49.3357	307.3	-27.0	17.4	*Fermi*-GBM	8	256	47-291	IA
bn100101988	GRB 100101B	23:42:15.1827	70.7	18.7	9.3	*Fermi*-GBM	10	512	47-291	Mo, IA, S
bn100107074	GRB 100107A	01:46:31.8646	6.3	-21.2	6.0	*Fermi*-GBM	4	64	47-291	IA
bn100111176	GRB 100111A	04:12:49.6954	247.0	15.6	0.0	*Swift*	10	512	47-291	Mo, K, IA, S, W
bn100112418	GRB 100112A	10:01:17.5551	240.1	-75.1	14.8	*Fermi*-GBM	17	4096	47-291	
bn100116897	GRB 100116A	21:31:00.2421	305.0	14.4	0.3	*Fermi*-LAT	6	128	47-291	K, R, IA, Me, W, L
bn100117879	GRB 100117A	21:06:19.6634	11.3	-1.6	0.1	*Swift*	4	64	47-291	IA, S
bn100118100	GRB 100118A	02:23:33.6983	9.3	-37.4	5.9	*Fermi*-GBM	14	2048	47-291	K, R, IA, Me, W
bn100122616	GRB 100122A	14:47:37.3141	79.2	-2.7	1.3	*Fermi*-GBM	14	2048	47-291	Mo, K, R, IA, Me, ARR
bn100126460	GRB 100126A	11:03:05.1248	338.4	-18.7	18.3	*Fermi*-GBM	13	1024	47-291	S
bn100130729	GRB 100130A	17:29:24.1447	21.2	-24.8	2.5	*Fermi*-GBM	16	4096	47-291	K, IA, W
bn100130777	GRB 100130B	18:38:35.4634	78.6	20.8	2.4	*Fermi*-GBM	14	2048	47-291	Mo, K, R, Me, W
bn100131730	GRB 100131A	17:30:57.6702	120.4	16.5	1.2	*Fermi*-GBM	6	128	47-291	Mo, K, IA, S, Me, W, ARR
bn100201588	GRB 100201A	14:06:17.5047	115.7	-54.4	2.6	*Fermi*-GBM	17	4096	47-291	K, IA
bn100204024	GRB 100204A	00:33:53.5451	50.8	-47.9	3.0	*Fermi*-GBM	15	2048	47-291	K, W
bn100204566	GRB 100204B	13:34:43.3753	273.1	-52.8	5.7	*Fermi*-GBM	17	4096	47-291	W
bn100204858	GRB 100204C	20:36:03.7668	91.3	-20.9	16.6	*Fermi*-GBM	9	256	47-291	
bn100205490	GRB 100205B	11:45:38.2585	133.9	-23.0	8.2	*Fermi*-GBM	13	1024	47-291	K, R, IA, Me
bn100206563	GRB 100206A	13:30:05.3902	47.2	13.2	0.0	*Swift*	1	16	47-291	K, IA, S, W, ARR
bn100207665	GRB 100207A	15:57:54.7648	307.9	-27.7	4.7	*Fermi*-GBM	14	2048	47-291	K, W
bn100207721	GRB 100207B	17:18:29.7243	321.8	-15.8	1.0	*Fermi*-GBM	17	4096	47-291	
bn100208386	GRB 100208A	09:15:33.9419	260.2	27.5	29.3	*Fermi*-GBM	4	64	47-291	IA
bn100210101	GRB 100210A	02:24:49.4680	244.4	16.1	6.1	*Fermi*-GBM	13	1024	47-291	K
bn100211440	GRB 100211A	10:33:35.1692	132.2	29.5	2.5	*Fermi*-GBM	17	4096	47-291	Mo, K, R, Me, W
bn100212550	GRB 100212B	13:11:45.4691	134.3	32.2	1.4	*Fermi*-GBM	4	64	47-291	K, IA, Me, A
bn100212588	GRB 100212A	14:07:22.2949	356.4	49.5	0.0	*Swift*	10	512	47-291	S
bn100216422	GRB 100216A	10:07:00.1874	154.3	35.5	0.0	*Swift*	4	64	47-291	S
bn100218194	GRB 100218A	04:38:45.9326	206.6	-11.9	2.2	*Fermi*-GBM	16	4096	47-291	K
bn100219026	GRB 100219B	00:37:14.7600	330.9	37.8	2.9	*Fermi*-GBM	8	256	47-291	K
bn100221368	GRB 100221A	08:50:26.4858	27.1	-17.4	8.0	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn100223110	GRB 100223A	02:38:09.3064	104.5	3.7	7.8	*Fermi*-GBM	1	16	47-291	Mo, K, IA, S, Me, W, A
bn100224112	GRB 100224B	02:40:55.4771	269.6	-17.1	1.6	*Fermi*-GBM	15	2048	47-291	Mo, K, IA, S, Me, W
bn100225115	GRB 100225A	02:45:31.1468	310.3	-59.4	0.9	*Fermi*-LAT	8	256	47-291	K, IA, S, Me, W, L
bn100225249	GRB 100225B	05:59:05.4719	352.9	15.0	18.8	*Fermi*-GBM	17	4096	47-291	W
bn100225580	GRB 100225C	13:55:31.3431	314.3	0.2	1.1	*Fermi*-GBM	13	1024	47-291	K, Me, W
bn100225703	GRB 100225D	16:52:18.1160	147.9	34.0	3.9	*Fermi*-GBM	10	512	47-291	Mo, K, Me, W
bn100228544	GRB 100228A	13:02:41.2829	199.8	15.6	9.3	*Fermi*-GBM	17	4096	47-291	
bn100228873	GRB 100228B	20:57:47.6684	118.0	18.6	11.1	*Fermi*-GBM	14	2048	47-291	
bn100301068	GRB 100301A	01:37:18.6335	110.1	-15.7	7.3	*Fermi*-GBM	2	32	47-291	
bn100301223	GRB 100301B	05:21:46.1881	201.9	19.8	4.9	*Fermi*-GBM	8	256	47-291	K
bn100302061	...	01:28:01.6442	166.2	31.5	17.3	*Fermi*-GBM	8	256	47-291	
bn100304004	GRB 100304A	00:05:20.7140	76.2	60.5	3.3	*Fermi*-GBM	12	1024	47-291	K, W
bn100304534	GRB 100304B	12:48:18.5604	260.1	-21.9	2.5	*Fermi*-GBM	15	2048	47-291	K
bn100306199	GRB 100306A	04:46:25.7418	216.0	-29.4	17.1	*Fermi*-GBM	16	4096	47-291	
bn100307928	GRB 100307A	22:16:30.2268	129.4	33.0	4.1	*Fermi*-GBM	10	512	47-291	
bn100311518	GRB 100311A	12:25:54.1120	303.4	-27.8	5.0	*Fermi*-GBM	13	1024	47-291	K
bn100313288	GRB 100313A	06:54:23.2203	172.7	-52.6	2.9	*Fermi*-GBM	10	512	47-291	Mo, K, Me
bn100313509	GRB 100313B	12:12:17.2943	186.4	11.7	9.6	*Fermi*-GBM	16	4096	47-291	
bn100315361	GRB 100315A	08:39:12.7417	208.9	30.1	5.5	*Fermi*-GBM	16	4096	47-291	
bn100318611	GRB 100318A	14:39:24.6047	211.0	21.2	10.7	*Fermi*-GBM	13	1024	47-291	
bn100322045	GRB 100322A	01:05:09.6426	21.3	-12.4	1.2	*Fermi*-GBM	10	512	47-291	K, IA, Me, W
bn100323542	GRB 100323A	13:00:44.7544	188.9	-18.7	4.2	*Fermi*-GBM	14	2048	47-291	K, W
bn100324172	GRB 100324B	04:07:36.4874	39.7	-19.3	0.1	IPN	4	64	47-291	Mo, K, Me, W
bn100325246	GRB 100325B	05:54:43.9487	209.1	-79.1	7.2	*Fermi*-GBM	11	512	47-291	S
bn100325275	GRB 100325A	06:36:08.0232	330.2	-26.5	0.9	*Fermi*-LAT	9	256	47-291	K, IA, S, Me, L
bn100326294	GRB 100326A	07:03:05.5029	131.2	-28.2	12.6	*Fermi*-GBM	9	256	47-291	S, A
bn100326402	GRB 100326B	09:38:20.0441	314.7	0.5	2.4	*Fermi*-GBM	12	1024	47-291	K, Me
bn100328141	GRB 100328A	03:22:44.6049	155.9	47.0	4.8	*Fermi*-GBM	5	64	47-291	
bn100330309	GRB 100330A	07:24:51.7257	202.1	-0.9	2.5	*Fermi*-GBM	8	256	47-291	K, Me
bn100330856	GRB 100330B	20:32:48.2692	326.4	-7.0	7.7	*Fermi*-GBM	12	1024	47-291	
bn100401297	GRB 100401A	07:07:32.2415	290.8	-8.3	0.0	*Swift*	9	256	47-291	S, W
bn100406758	GRB 100406A	18:11:25.7765	77.8	26.9	6.5	*Fermi*-GBM	10	512	47-291	
bn100410356	GRB 100410A	08:31:57.4695	130.0	21.5	10.8	*Fermi*-GBM	17	4096	47-291	
bn100410740	GRB 100410B	17:45:46.6619	78.1	61.3	1.7	*Fermi*-GBM	10	512	47-291	Mo, K, S, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn100411516	GRB 100411A	12:22:57.3442	210.6	47.9	31.6	*Fermi*-GBM	4	64	47-291	
bn100413732	GRB 100413A	17:33:31.9243	266.2	15.8	0.0	*Swift*	14	2048	47-291	K, IA, S, Me, W
bn100414097	GRB 100414A	02:20:21.9864	192.1	8.7	0.0	*Swift*	8	256	47-291	Mo, K, Me, W, L, ARR
bn100417166	GRB 100417A	03:59:43.7283	261.3	50.4	9.2	*Fermi*-GBM	1	16	47-291	
bn100417789	GRB 100417B	18:55:40.2857	295.8	9.8	9.4	*Fermi*-GBM	16	4096	47-291	
bn100420008	GRB 100420B	00:12:06.5986	123.5	-4.4	2.3	*Fermi*-GBM	8	256	47-291	K, W
bn100421917	GRB 100421A	21:59:48.3903	350.7	-25.7	2.4	*Fermi*-GBM	16	4096	47-291	K, Me, W
bn100423244	GRB 100423B	05:51:25.7503	119.7	5.8	1.5	*Fermi*-GBM	14	2048	47-291	Mo, K, Me, A
bn100424729	GRB 100424B	17:30:10.1284	246.7	-48.9	4.1	*Fermi*-GBM	13	1024	47-291	W
bn100424876	GRB 100424C	21:01:52.5901	7.8	43.3	2.4	*Fermi*-GBM	15	2048	47-291	K, IA, Me, W
bn100427356	GRB 100427A	08:32:08.7061	89.2	-3.5	0.0	*Swift*	12	1024	47-291	K, S, Me, W
bn100429999	GRB 100429A	23:59:51.6396	89.1	-70.0	4.0	*Fermi*-GBM	12	1024	47-291	IA, W
bn100502356	GRB 100502A	08:33:02.9425	131.0	18.4	2.2	*Fermi*-GBM	13	1024	47-291	K, Me, W
bn100503554	GRB 100503A	13:18:03.8897	147.5	4.0	1.5	*Fermi*-GBM	16	4096	47-291	K, R, IA, Me
bn100504806	GRB 100504A	19:20:55.5358	255.6	-35.6	0.0	*Swift*	17	4096	47-291	S
bn100506653	GRB 100506A	15:39:49.2949	102.1	58.6	3.9	*Fermi*-GBM	14	2048	47-291	K, R, W
bn100507577	GRB 100507A	13:51:15.7277	2.9	-79.0	2.5	*Fermi*-GBM	11	512	47-291	K, R
bn100510810	GRB 100510A	19:27:06.9690	355.8	-35.6	0.1	*MAXI*	15	2048	47-291	R, M
bn100511035	GRB 100511A	00:49:56.2302	109.3	-4.7	1.0	*Fermi*-GBM	11	512	47-291	K, R, Me, ARR
bn100513879	GRB 100513B	21:05:57.6687	321.0	22.2	2.5	*Fermi*-GBM	13	1024	47-291	R, IA
bn100515467	GRB 100515A	11:13:09.0369	275.5	27.0	2.2	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, W
bn100516369	GRB 100516A	08:50:41.0629	274.4	-8.2	18.4	*Fermi*-GBM	4	64	47-291	IA
bn100516396	GRB 100516B	09:30:38.3170	297.7	18.7	13.7	*Fermi*-GBM	8	256	47-291	
bn100517072	GRB 100517B	01:43:08.1081	100.9	-29.0	3.8	*Fermi*-GBM	25	64	23-47	R, S
bn100517132	GRB 100517C	03:09:50.1229	40.6	-44.3	5.2	*Fermi*-GBM	8	256	47-291	W
bn100517154	GRB 100517D	03:42:08.0552	243.6	-10.4	4.2	*Fermi*-GBM	5	64	47-291	Me
bn100517243	GRB 100517E	05:49:52.1020	10.4	4.4	11.8	*Fermi*-GBM	12	1024	47-291	W
bn100517639	GRB 100517F	15:19:58.0246	52.7	-71.9	2.1	*Fermi*-GBM	11	512	47-291	K, R, W
bn100519204	GRB 100519A	04:53:22.7069	191.5	57.4	1.0	*Fermi*-GBM	10	512	47-291	Mo, K, Me
bn100522157	GRB 100522A	03:45:52.2937	7.0	9.4	0.0	*Swift*	7	128	47-291	K, R, IA, S, W
bn100525744	GRB 100525A	17:51:25.0814	251.8	41.0	3.5	*Fermi*-GBM	4	64	47-291	S, W
bn100527795	GRB 100527A	19:04:37.2416	226.8	19.8	1.9	*Fermi*-GBM	17	4096	47-291	K, Me, W
bn100528075	GRB 100528A	01:48:01.1097	311.1	27.8	0.1	*AGILE*	12	1024	47-291	Mo, K, IA, Me, W, A, ARR
bn100530737	GRB 100530A	17:41:51.2263	289.7	31.0	11.6	*Fermi*-GBM	12	1024	47-291	K

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn100604287	GRB 100604A	06:53:34.8147	248.3	-73.2	3.6	*Fermi*-GBM	13	1024	47-291	K, IA, Me, W
bn100605774	GRB 100605A	18:35:10.7438	273.4	-67.6	7.7	*Fermi*-GBM	13	1024	47-291	
bn100608382	GRB 100608A	09:10:06.3394	30.5	20.5	5.3	*Fermi*-GBM	17	4096	47-291	
bn100609783	GRB 100609A	18:48:11.3268	90.5	42.8	2.5	*Fermi*-GBM	14	2048	47-291	Mo, K
bn100612545	GRB 100612A	13:04:21.6560	63.5	13.7	2.7	*Fermi*-GBM	5	64	47-291	K, A
bn100612726	GRB 100612B	17:26:06.1270	352.0	-1.8	1.6	*Fermi*-GBM	8	256	47-291	Mo, K, S, Me, W, A
bn100614498	GRB 100614B	11:57:23.3061	224.8	40.9	3.0	*Fermi*-GBM	16	4096	47-291	W
bn100615083	GRB 100615A	01:59:04.3714	177.2	-19.5	0.0	*Swift*	9	256	47-291	K, IA, S, Me, W
bn100616773	GRB 100616A	18:32:32.8957	342.9	3.1	45.7	*Fermi*-GBM	9	256	47-291	
bn100619015	GRB 100619A	00:21:07.0260	84.6	-27.0	0.0	*Swift*	10	512	47-291	R, S, W
bn100620119	GRB 100620A	02:51:29.1134	80.1	-51.7	1.5	*Fermi*-GBM	13	1024	47-291	Mo, K, IA, Me, W, L
bn100621452	GRB 100621B	10:51:18.2595	103.8	37.3	2.8	*Fermi*-GBM	12	1024	47-291	K
bn100621529	GRB 100621C	12:42:16.4305	160.9	14.7	11.4	*Fermi*-GBM	11	512	47-291	IA
bn100625773	GRB 100625A	18:32:28.4721	15.8	-39.1	0.0	*Swift*	5	64	47-291	Mo, K, IA, S, Me, W, A
bn100625891	GRB 100625B	21:22:45.1845	338.3	20.3	4.4	*Fermi*-GBM	14	2048	47-291	K, S, W
bn100629801	GRB 100629A	19:14:03.3527	231.2	27.8	3.3	*Fermi*-GBM	6	128	47-291	Mo, K, IA, S, Me, W
bn100701490	GRB 100701B	11:45:23.0690	43.1	-2.2	0.1	IPN	5	64	47-291	K, IA, Me, W
bn100704149	GRB 100704A	03:35:06.1029	133.6	-24.2	0.0	*Swift*	8	256	47-291	K, IA, S
bn100706693	GRB 100706A	16:38:18.9243	255.2	46.9	12.2	*Fermi*-GBM	6	128	47-291	
bn100707032	GRB 100707A	00:46:38.9870	351.1	-6.6	1.0	*Fermi*-GBM	4	64	47-291	Mo, K, Me, W
bn100709602	GRB 100709A	14:27:32.9828	142.5	17.4	4.5	*Fermi*-GBM	8	256	47-291	Mo, K, R, IA, W
bn100713980	GRB 100713B	23:31:34.0130	82.1	13.0	3.7	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, S, Me, W, A
bn100714672	GRB 100714A	16:07:23.7779	106.4	51.1	3.7	*Fermi*-GBM	9	256	47-291	IA
bn100714686	GRB 100714B	16:27:20.0776	307.9	61.3	9.7	*Fermi*-GBM	4	64	47-291	K, IA, W
bn100715477	GRB 100715A	11:27:17.6396	299.3	-54.7	9.3	*Fermi*-GBM	15	2048	47-291	IA
bn100717372	GRB 100717A	08:55:06.2119	287.1	-0.7	8.8	*Fermi*-GBM	7	128	47-291	IA, S, Me
bn100717446	GRB 100717B	10:41:47.1184	304.3	19.5	9.2	*Fermi*-GBM	4	64	47-291	IA
bn100718160	GRB 100718B	03:50:09.6065	121.8	-46.2	5.9	*Fermi*-GBM	11	512	47-291	IA, W
bn100718796	GRB 100718A	19:06:22.5770	298.5	41.4	10.2	*Fermi*-GBM	12	1024	47-291	K
bn100719311	GRB 100719B	07:28:17.6230	304.9	-67.1	15.4	*Fermi*-GBM	13	1024	47-291	IA
bn100719825	GRB 100719C	19:48:08.0933	231.4	18.6	10.3	*Fermi*-GBM	9	256	47-291	IA
bn100719989	GRB 100719D	23:44:04.1293	113.3	5.4	1.0	*Fermi*-GBM	15	2048	47-291	K, IA, S, Me
bn100722096	GRB 100722A	02:18:37.2418	238.8	-15.6	1.1	*Fermi*-GBM	6	128	47-291	K, IA, S, Me, W, ARR
bn100722291	GRB 100722B	06:58:24.7237	31.8	56.2	8.1	*Fermi*-GBM	8	256	47-291	IA, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn100724029	GRB 100724A	00:42:05.9915	119.6	75.9	0.9	*Fermi*-LAT	10	512	47-291	Mo, K, R, IA, S, Me, W, A, L, ARR
bn100725475	GRB 100725B	11:24:34.8929	290.0	77.0	0.0	*Swift*	16	4096	47-291	K, R, IA, S, W
bn100727238	GRB 100727A	05:42:21.9977	154.2	-21.4	0.1	*Swift*	17	4096	47-291	IA, S, W
bn100728095	GRB 100728A	02:17:30.6106	88.8	-15.3	0.0	*Swift*	16	4096	47-291	K, R, IA, S, Me, W, L, ARR
bn100728439	GRB 100728B	10:31:54.9742	44.1	0.3	0.1	*Swift*	10	512	47-291	K, R, S, Me
bn100730463	GRB 100730A	11:06:14.9678	339.8	-22.2	5.4	*Fermi*-GBM	17	4096	47-291	Mo, K, R, IA
bn100802240	GRB 100802A	05:45:35.6759	2.5	47.8	0.0	*Swift*	11	512	47-291	S, W
bn100804104	GRB 100804A	02:29:26.3476	249.0	27.5	1.0	*Fermi*-GBM	11	512	47-291	Mo, K, IA, S
bn100805300	GRB 100805B	07:12:12.4770	22.8	34.2	7.7	*Fermi*-GBM	4	64	47-291	IA
bn100805845	GRB 100805C	20:16:29.5284	112.7	-35.9	3.8	*Fermi*-GBM	6	128	47-291	K, Me
bn100810049	GRB 100810A	01:10:34.2426	124.8	-1.6	5.7	*Fermi*-GBM	13	1024	47-291	
bn100811108	GRB 100811A	02:35:49.3632	345.9	15.9	6.0	*Fermi*-GBM	5	64	47-291	Mo, K, R, IA, Me
bn100811781	GRB 100811B	18:44:09.2966	108.1	62.2	3.6	*Fermi*-GBM	9	256	47-291	K, Me
bn100814160	GRB 100814A	03:50:08.8091	22.5	-18.0	0.0	*Swift*	6	128	47-291	K, IA, S, Me, W
bn100814351	GRB 100814B	08:25:25.7462	122.8	18.5	2.6	*Fermi*-GBM	10	512	47-291	K, S, Me, W
bn100816009	GRB 100816B	00:12:41.4152	102.1	-26.7	1.1	*Fermi*-GBM	17	4096	47-291	K, IA, Me, W
bn100816026	GRB 100816A	00:37:50.9438	351.7	26.6	0.0	*Swift*	4	64	47-291	Mo, K, IA, S, Me
bn100819498	GRB 100819A	11:56:35.2617	279.6	-50.0	3.9	*Fermi*-GBM	12	1024	47-291	K, IA
bn100820373	GRB 100820A	08:56:58.4744	258.8	-18.5	2.1	*Fermi*-GBM	2	32	47-291	K, IA, S, Me
bn100825287	GRB 100825A	06:53:48.6698	253.4	-56.6	6.3	*Fermi*-GBM	12	1024	47-291	Mo
bn100826957	GRB 100826A	22:58:22.8984	284.0	-23.2	1.0	*Fermi*-GBM	15	2048	47-291	Mo, K, Me, W, L, ARR
bn100827455	GRB 100827A	10:55:49.3332	193.9	71.9	5.7	*Fermi*-GBM	5	64	47-291	K, R, IA, W, A
bn100829374	GRB 100829B	08:59:07.0227	115.4	-4.0	4.7	*Fermi*-GBM	12	1024	47-291	K, R, IA, S, Me, W
bn100829876	GRB 100829A	21:02:08.9901	90.4	30.3	0.2	IPN	5	64	47-291	Mo, K, R, S, Me
bn100831651	GRB 100831A	15:37:25.9432	161.3	33.7	10.2	*Fermi*-GBM	14	2048	47-291	K, IA
bn100902990	GRB 100902B	23:45:19.2230	306.0	42.3	7.2	*Fermi*-GBM	12	1024	47-291	K, IA
bn100905907	GRB 100905B	21:46:22.9886	262.6	13.1	4.0	*Fermi*-GBM	9	256	47-291	K, IA, W
bn100906576	GRB 100906A	13:49:27.6296	28.7	55.6	0.0	*Swift*	8	256	47-291	K, IA, S
bn100907751	GRB 100907A	18:01:11.6350	177.3	-40.6	6.9	*Fermi*-GBM	13	1024	47-291	
bn100910818	GRB 100910A	19:37:43.9632	238.1	-34.6	1.0	*Fermi*-GBM	9	256	47-291	Mo, K, S, Me, ARR
bn100911816	GRB 100911A	19:35:39.9046	151.3	59.0	11.8	*Fermi*-GBM	11	512	47-291	IA, S, W
bn100915243	GRB 100915B	05:49:39.6161	85.4	25.1	0.0	*INTEGRAL*	13	1024	47-291	R, IS
bn100916779	GRB 100916A	18:41:12.4932	152.0	-59.4	3.5	*Fermi*-GBM	4	64	47-291	K
bn100918863	GRB 100918A	20:42:18.0153	308.4	-46.0	1.0	*Fermi*-GBM	14	2048	47-291	Mo, K, R, IA, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn100919884	GRB 100919A	21:12:16.2807	163.2	6.0	1.8	*Fermi*-GBM	12	1024	47-291	K, IA, Me, W
bn100922625	GRB 100922A	14:59:43.0094	357.0	-25.2	15.0	*Fermi*-GBM	8	256	47-291	S, Me
bn100923844	GRB 100923A	20:15:10.6695	106.1	39.6	5.3	*Fermi*-GBM	8	256	47-291	K, IA
bn100924165	GRB 100924A	03:58:08.3174	0.7	7.0	0.0	*Swift*	9	256	47-291	Mo, K, IA, S, W
bn100926595	GRB 100926A	14:17:03.9427	222.8	-72.3	3.8	*Fermi*-GBM	9	256	47-291	K, Me, W
bn100926694	GRB 100926B	16:39:54.5159	43.6	-11.1	12.0	*Fermi*-GBM	17	4096	47-291	R, IA
bn100929235	GRB 100929A	05:38:52.4951	166.3	62.3	13.4	*Fermi*-GBM	14	2048	47-291	IA, W
bn100929315	GRB 100929B	07:33:04.0476	243.6	33.3	23.8	*Fermi*-GBM	11	512	47-291	IA
bn100929916	GRB 100929C	21:59:45.8208	183.0	-24.9	7.8	*Fermi*-GBM	2	32	47-291	IA, Me
bn101002279	GRB 101002A	06:41:26.9461	323.4	-27.5	16.4	*Fermi*-GBM	16	4096	47-291	IA
bn101003244	GRB 101003A	05:51:08.0080	175.9	2.5	7.4	*Fermi*-GBM	10	512	47-291	K, S
bn101004426	GRB 101004A	10:13:49.4556	232.2	-44.0	7.3	*Fermi*-GBM	16	4096	47-291	
bn101008697	GRB 101008A	16:43:15.6089	328.9	37.1	0.0	*Swift*	9	256	47-291	K, R, IA, S, Me, W
bn101010190	GRB 101010A	04:33:46.8303	47.2	43.6	18.6	*Fermi*-GBM	14	2048	47-291	IA
bn101011707	GRB 101011A	16:58:36.5335	48.3	-65.9	0.0	*Swift*	12	1024	47-291	IA, S
bn101013412	GRB 101013A	09:52:42.8813	292.1	-49.6	1.6	*Fermi*-GBM	10	512	47-291	Mo, K, R, IA, Me, W
bn101014175	GRB 101014A	04:11:52.6218	26.9	-51.1	1.0	*Fermi*-GBM	6	128	47-291	K, IA, Me, W, A, L
bn101015558	GRB 101015A	13:24:02.6672	73.2	15.5	5.9	*Fermi*-GBM	14	2048	47-291	K, IA
bn101016243	GRB 101016A	05:50:16.0722	133.0	-4.6	2.8	*Fermi*-GBM	5	64	47-291	Mo, K, IA, W
bn101017619	GRB 101017B	14:51:29.4836	27.5	-26.6	4.9	*Fermi*-GBM	12	1024	47-291	Mo, IA, W
bn101021009	GRB 101021A	00:13:25.3558	0.9	-23.7	1.3	*Fermi*-GBM	15	2048	47-291	Mo, K, R, S, Me
bn101021063	GRB 101021B	01:30:31.6578	0.5	47.3	12.8	*Fermi*-GBM	6	128	47-291	IA, S
bn101023951	GRB 101023A	22:50:04.7270	318.0	-65.4	0.0	*Swift*	17	4096	47-291	Mo, K, IA, S, Me, W, ARR
bn101024486	GRB 101024A	11:39:33.6020	66.5	-77.3	0.0	*Swift*	17	4096	47-291	K, IA, S, Me, W
bn101025146	GRB 101025A	03:30:18.6429	240.2	-8.5	24.4	*Fermi*-GBM	14	2048	47-291	ARR
bn101025267	...	06:23:53.6927	134.7	44.9	3.9	*Fermi*-GBM	12	1024	47-291	
bn101026034	GRB 101026A	00:49:16.1400	263.7	-0.4	7.6	*Fermi*-GBM	1	16	47-291	K, IA
bn101027230	GRB 101027A	05:30:30.7617	79.0	44.0	11.4	*Fermi*-GBM	5	64	47-291	
bn101030664	GRB 101030A	15:56:30.7162	166.4	-16.4	0.0	*Swift*	16	4096	47-291	S
bn101031625	GRB 101031A	14:59:32.7269	184.1	-7.5	15.9	*Fermi*-GBM	4	64	47-291	W
bn101101744	GRB 101101A	17:51:34.0237	13.6	45.8	3.1	*Fermi*-GBM	10	512	47-291	
bn101101899	GRB 101101B	21:34:08.9031	266.0	-29.0	5.4	*Fermi*-GBM	17	4096	47-291	IA, W
bn101102840	GRB 101102A	20:10:07.4299	284.7	-37.0	7.8	*Fermi*-GBM	15	2048	47-291	IA
bn101104810	GRB 101104A	19:26:14.0512	161.0	-7.1	8.5	*Fermi*-GBM	5	64	47-291	K, R, IA, S, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn101107011	GRB 101107A	00:16:25.1173	168.3	22.4	4.1	*Fermi*-GBM	14	2048	47-291	K, R, IA, W
bn101112924	GRB 101112A	22:10:32.4495	292.2	39.4	0.0	*INTEGRAL*	9	256	47-291	K, R, IS, Me
bn101112984	GRB 101112B	23:36:55.8111	100.1	9.6	5.1	*Fermi*-GBM	17	4096	47-291	W
bn101113483	GRB 101113A	11:35:36.3981	29.1	0.2	2.7	*Fermi*-GBM	9	256	47-291	K, IA, S, Me
bn101116481	GRB 101116A	11:32:26.7371	32.0	-81.2	7.3	*Fermi*-GBM	5	64	47-291	IA
bn101117496	GRB 101117C	11:54:45.7539	57.2	-26.9	1.8	*Fermi*-GBM	14	2048	47-291	K, IA, Me
bn101119685	GRB 101119A	16:27:02.6578	226.5	59.6	16.2	*Fermi*-GBM	7	128	47-291	IA, W
bn101123952	GRB 101123A	22:51:34.9735	135.2	1.9	1.0	*Fermi*-GBM	15	2048	47-291	Mo, K, IA, S, Me, A, L
bn101126198	GRB 101126A	04:44:27.4773	84.8	-22.6	1.0	*Fermi*-GBM	16	4096	47-291	Mo, K, IA, S, Me, ARR
bn101127093	GRB 101127A	02:13:59.0697	290.3	7.9	23.2	*Fermi*-GBM	13	1024	47-291	
bn101127102	GRB 101127B	02:27:30.9027	70.9	-11.3	6.6	*Fermi*-GBM	8	256	47-291	R, IA, S, Me
bn101128322	GRB 101128A	07:44:04.2384	145.5	-35.2	5.7	*Fermi*-GBM	15	2048	47-291	K
bn101129652	GRB 101129A	15:39:31.6576	157.8	-17.2	4.6	*Fermi*-GBM	5	64	47-291	Mo, K, IA, S, Me, W
bn101129726	GRB 101129B	17:25:25.3404	271.5	1.0	8.2	*Fermi*-GBM	8	256	47-291	Mo, K, IA, S, W
bn101130074	GRB 101130B	01:45:54.3465	274.6	26.6	23.6	*Fermi*-GBM	16	4096	47-291	
bn101201418	GRB 101201A	10:01:49.7402	2.0	-16.2	0.0	*Swift*	10	512	47-291	Mo, K, IA, S, Me, W
bn101202154	GRB 101202A	03:41:53.8380	254.0	58.5	6.1	*Fermi*-GBM	10	512	47-291	K, IA
bn101204343	GRB 101204B	08:14:18.6046	191.9	55.7	10.4	*Fermi*-GBM	1	16	47-291	IA, S
bn101205309	GRB 101205A	07:24:24.8622	322.1	-39.1	11.1	*Fermi*-GBM	17	4096	47-291	IA
bn101206036	GRB 101206A	00:52:17.5301	164.1	-38.1	3.5	*Fermi*-GBM	13	1024	47-291	K, IA, W
bn101207536	GRB 101207A	12:51:41.3141	175.8	8.7	3.7	*Fermi*-GBM	12	1024	47-291	R, IA, S, Me
bn101208203	GRB 101208A	04:52:56.9155	212.4	4.0	11.7	*Fermi*-GBM	6	128	47-291	IA
bn101208498	GRB 101208B	11:57:01.1980	280.9	-59.0	1.4	*Fermi*-GBM	6	128	47-291	Mo, K, R, IA, S, Me
bn101211485	GRB 101211A	11:37:54.5157	31.8	10.1	11.2	*Fermi*-GBM	12	1024	47-291	
bn101213451	GRB 101213A	10:49:20.7987	241.3	21.9	0.0	*Swift*	13	1024	47-291	Mo, K, IA, S, Me, W
bn101213849	GRB 101213B	20:22:26.2667	261.0	-64.5	7.1	*Fermi*-GBM	4	64	47-291	IA
bn101214748	GRB 101214A	17:57:03.9723	0.7	-28.3	5.6	*Fermi*-GBM	2	32	47-291	S
bn101214993	GRB 101214A	23:50:00.9707	181.1	-31.1	5.7	*Fermi*-GBM	11	512	47-291	K, R, IA, S
bn101216721	GRB 101216A	17:17:52.5437	284.3	-21.0	2.1	*Fermi*-GBM	7	128	47-291	Mo, K, IA, S, Me
bn101219686	GRB 101219B	16:28:13.1208	12.2	-34.6	0.0	*Swift*	16	4096	47-291	S
bn101220576	GRB 101220A	13:49:58.1328	241.6	46.1	1.2	*Fermi*-GBM	15	2048	47-291	K, R
bn101220864	GRB 101220B	20:43:54.1195	2.7	27.2	1.5	*Fermi*-GBM	13	1024	47-291	Mo, K, IA, W
bn101223834	GRB 101223A	20:00:18.0962	250.6	48.2	4.3	*Fermi*-GBM	16	4096	47-291	K, W
bn101224227	GRB 101224A	05:27:13.8616	285.9	45.7	0.1	*Swift*	4	64	47-291	S

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn101224578	GRB 101224B	13:52:58.2245	289.1	-55.2	4.8	*Fermi*-GBM	9	256	47-291	K, W
bn101224614	GRB 101224C	14:43:32.9295	290.2	34.5	8.9	*Fermi*-GBM	16	4096	47-291	K
bn101224998	GRB 101224D	23:57:34.9417	325.2	-38.7	8.3	*Fermi*-GBM	12	1024	47-291	
bn101225377	GRB 101225B	09:02:53.4978	60.7	32.8	1.8	*Fermi*-GBM	16	4096	47-291	Mo, K, R, IA, S, W
bn101227195	GRB 101227A	04:40:28.7163	186.8	-83.5	7.2	*Fermi*-GBM	8	256	47-291	K, IA, W
bn101227406	GRB 101227B	09:45:06.5683	240.5	-24.5	1.6	*Fermi*-GBM	11	512	47-291	Mo, K, Me, W
bn101227536	GRB 101227C	12:51:46.1930	150.9	-49.4	2.6	*Fermi*-GBM	9	256	47-291	Mo, K, Me, W
bn101231067	GRB 101231A	01:36:50.6108	191.7	17.6	1.4	*Fermi*-GBM	6	128	47-291	Mo, K, IA, Me
bn110101202	GRB 110101A	04:50:20.4790	264.3	36.5	11.2	*Fermi*-GBM	10	512	47-291	IA, S
bn110101506	GRB 110101B	12:08:21.5756	105.5	34.6	16.5	*Fermi*-GBM	16	4096	47-291	
bn110102788	GRB 110102A	18:54:36.0066	245.9	7.6	0.0	*Swift*	9	256	47-291	ARR
bn110105877	GRB 110105A	21:02:39.5976	85.1	-17.1	2.0	*Fermi*-GBM	12	1024	47-291	Mo, K, R, IA, S, Me
bn110106893	GRB 110106B	21:26:16.0782	134.2	47.0	0.1	*Swift*	17	4096	47-291	K, IA, S
bn110107886	GRB 110107A	21:15:51.7986	299.1	42.0	3.3	*Fermi*-GBM	11	512	47-291	K, R, S, W
bn110108977	GRB 110108A	23:26:18.5151	11.6	-9.6	2.7	*Fermi*-GBM	12	1024	47-291	IA, Me
bn110112934	GRB 110112B	22:24:55.2904	10.6	64.4	0.0	*INTEGRAL*	4	64	47-291	IS
bn110117364	GRB 110117A	08:44:50.8029	130.9	47.6	9.6	*Fermi*-GBM	15	2048	47-291	S, W
bn110117626	GRB 110117B	15:01:27.6317	129.5	-12.9	3.6	*Fermi*-GBM	9	256	47-291	R, IA, S
bn110118857	GRB 110118A	20:34:18.7914	226.6	-39.5	4.1	*Fermi*-GBM	8	256	47-291	K, IA, Me, W
bn110119931	GRB 110119A	22:21:00.1678	348.6	6.0	0.0	*Swift*	14	2048	47-291	K, IA, S, W
bn110120666	GRB 110120A	15:59:39.2285	61.6	-12.0	0.4	*Fermi*-LAT	9	256	47-291	K, IA, S, Me, W, L, ARR
bn110123804	GRB 110123A	19:17:45.0445	247.0	28.0	1.2	*Fermi*-GBM	8	256	47-291	Mo, K, R, IA, S, Me
bn110124784	GRB 110124A	18:49:09.0701	53.8	36.3	9.1	*Fermi*-GBM	14	2048	47-291	
bn110125894	GRB 110125A	21:27:28.3942	331.4	-46.2	5.8	*Fermi*-GBM	10	512	47-291	
bn110128073	GRB 110128A	01:44:36.4388	193.9	28.1	0.0	*Swift*	14	2048	47-291	S
bn110130230	GRB 110130A	05:31:52.5817	111.5	38.2	6.8	*Fermi*-GBM	10	512	47-291	
bn110131780	GRB 110131A	18:42:38.5734	183.8	72.9	14.5	*Fermi*-GBM	8	256	47-291	IA
bn110201399	GRB 110201A	09:35:10.2515	137.6	88.6	0.0	*Swift*	14	2048	47-291	S
bn110204179	GRB 110204A	04:17:11.3723	1.8	-17.4	4.0	*Fermi*-GBM	14	2048	47-291	K, S, Me, W
bn110205027	GRB 110205B	00:39:04.6507	359.7	-80.4	9.2	*Fermi*-GBM	13	1024	47-291	W
bn110205588	GRB 110205C	14:07:20.0120	312.7	-55.9	10.1	*Fermi*-GBM	17	4096	47-291	K, IA, W
bn110206202	GRB 110206B	04:50:36.0612	333.7	1.6	15.5	*Fermi*-GBM	12	1024	47-291	
bn110207470	GRB 110207A	11:17:20.2873	12.5	-10.8	0.0	*Swift*	4	64	47-291	S, W
bn110207959	GRB 110207B	23:00:26.4059	179.0	-58.4	9.0	*Fermi*-GBM	11	512	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn110209165	GRB 110209A	03:58:08.2980	329.7	-21.9	10.6	*Fermi*-GBM	16	4096	47-291	W
bn110212550	GRB 110212B	13:12:33.5227	311.3	-74.5	4.3	*Fermi*-GBM	1	16	47-291	K, IA, S, W, ARR
bn110213220	GRB 110213A	05:17:11.2720	43.0	49.3	0.1	*Swift*	15	2048	47-291	K, R, S, Me
bn110213876	GRB 110213C	21:00:51.3417	6.3	27.5	10.8	*Fermi*-GBM	7	128	47-291	S
bn110217591	GRB 110217A	14:10:46.5313	274.7	32.3	8.5	*Fermi*-GBM	14	2048	47-291	K
bn110220761	GRB 110220A	18:16:21.6289	185.5	16.6	6.1	*Fermi*-GBM	11	512	47-291	IA, S
bn110221244	GRB 110221A	05:51:19.3637	15.2	66.1	1.2	*Fermi*-GBM	12	1024	47-291	IA, Me, W
bn110226989	GRB 110226A	23:44:31.1326	199.3	35.8	7.1	*Fermi*-GBM	13	1024	47-291	K, IA
bn110227009	GRB 110227A	00:12:28.2262	148.7	-54.0	11.9	*Fermi*-GBM	8	256	47-291	IA
bn110227229	GRB 110227B	05:30:10.8216	25.2	15.9	7.4	*Fermi*-GBM	12	1024	47-291	K, S, W
bn110227420	GRB 110227C	10:04:12.5524	232.7	-9.9	5.0	*Fermi*-GBM	13	1024	47-291	IA, Me
bn110228011	GRB 110228A	00:15:58.9081	10.3	-45.7	2.6	*Fermi*-GBM	15	2048	47-291	K, IA, S, W
bn110228792	GRB 110228B	18:59:50.3907	245.1	16.4	4.7	*Fermi*-GBM	17	4096	47-291	IA, S, W
bn110301214	GRB 110301A	05:08:43.0699	229.4	29.4	1.0	*Fermi*-GBM	4	64	47-291	K, IA, S, Me, W, A, ARR
bn110302043	GRB 110302A	01:01:51.7323	122.3	2.9	6.8	*Fermi*-GBM	10	512	47-291	
bn110304071	GRB 110304A	01:42:33.7986	322.9	33.3	4.2	*Fermi*-GBM	6	128	47-291	K, IA, W
bn110307972	GRB 110307A	23:19:08.2578	193.1	15.6	7.6	*Fermi*-GBM	5	64	47-291	IA
bn110311812	GRB 110311A	19:29:21.4165	117.6	34.3	9.7	*Fermi*-GBM	12	1024	47-291	IA
bn110316139	GRB 110316A	03:19:41.8631	46.7	-67.6	17.8	*Fermi*-GBM	6	128	47-291	
bn110318552	GRB 110318A	13:14:16.7008	338.3	-15.3	0.0	*Swift*	17	4096	47-291	Mo, IA, S
bn110319628	GRB 110319C	15:04:45.4603	208.0	-51.6	4.9	*Fermi*-GBM	14	2048	47-291	IA
bn110319815	GRB 110319B	19:34:02.2948	325.6	-57.1	6.8	*Fermi*-GBM	12	1024	47-291	IA, S
bn110321346	GRB 110321A	08:17:42.4849	13.3	-21.8	11.8	*Fermi*-GBM	16	4096	47-291	Mo
bn110322558	GRB 110322A	13:23:42.8132	99.0	-48.9	4.7	*Fermi*-GBM	12	1024	47-291	IA
bn110328520	GRB 110328B	12:29:19.1942	117.7	43.1	1.7	*Fermi*-LAT	16	4096	47-291	K, R, IA, S, Me, W, L
bn110331604	GRB 110331A	14:29:06.8443	6.7	26.0	4.7	*Fermi*-GBM	10	512	47-291	IA, S
bn110401920	GRB 110401A	22:04:19.6333	268.6	26.9	3.8	*Fermi*-GBM	5	64	47-291	K, IA, S, A
bn110402009	GRB 110402A	00:12:58.5426	197.4	61.2	0.1	*Swift*	9	256	47-291	K, IA, S, Me, W
bn110407998	GRB 110407B	23:56:57.0598	97.4	-11.9	1.0	*Fermi*-GBM	11	512	47-291	K, IA, Me
bn110409179	GRB 110409A	04:17:20.6001	238.7	-34.3	10.9	*Fermi*-GBM	2	32	47-291	IA, W
bn110410133	GRB 110410A	03:10:52.4268	30.9	-15.9	3.7	*Fermi*-GBM	13	1024	47-291	
bn110410772	GRB 110410B	18:31:19.8814	337.2	-22.0	17.4	*Fermi*-GBM	11	512	47-291	
bn110411629	GRB 110411B	15:05:15.3503	210.3	-65.0	6.3	*Fermi*-GBM	14	2048	47-291	K, IA
bn110412315	GRB 110412A	07:33:35.7064	133.5	13.5	0.1	*Swift*	13	1024	47-291	K, S

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn110413938	GRB 110413A	22:31:09.1604	352.7	32.3	11.6	*Fermi*-GBM	13	1024	47-291	K, IA, W
bn110415541	GRB 110415A	12:59:22.9542	213.8	9.1	9.2	*Fermi*-GBM	8	256	47-291	K, IA, S, Me
bn110420946	GRB 110420B	22:42:11.7338	320.0	-41.3	0.0	*Swift*	1	16	47-291	IA, S
bn110421757	GRB 110421A	18:10:39.9182	277.2	50.8	1.7	*Fermi*-GBM	16	4096	47-291	K, IA, Me
bn110422029	GRB 110422B	00:41:48.5550	226.7	43.0	21.5	*Fermi*-GBM	5	64	47-291	
bn110424758	GRB 110424A	18:11:36.6464	293.3	-11.1	12.4	*Fermi*-GBM	5	64	47-291	IA
bn110426629	GRB 110426A	15:06:26.6132	219.9	-8.7	2.1	*Fermi*-GBM	16	4096	47-291	K, IA
bn110428338	GRB 110428B	08:07:05.2455	128.4	19.9	2.9	*Fermi*-GBM	13	1024	47-291	K, W
bn110428388	GRB 110428A	09:18:30.4056	5.3	64.8	0.1	*Fermi*-LAT	8	256	47-291	Mo, K, R, IA, Me, W, L, ARR
bn110430375	GRB 110430A	09:00:13.4027	147.1	67.9	2.5	*Fermi*-GBM	14	2048	47-291	K, W
bn110503145	GRB 110503B	03:28:26.1217	70.5	-10.9	4.3	*Fermi*-GBM	11	512	47-291	K, IA
bn110505203	GRB 110505A	04:52:56.4318	16.8	-32.3	3.1	*Fermi*-GBM	9	256	47-291	K, S
bn110509142	GRB 110509A	03:24:38.7932	180.8	-34.0	4.6	*Fermi*-GBM	17	4096	47-291	K, IA, S, W
bn110509475	GRB 110509B	11:24:15.5795	74.7	-27.0	8.3	*Fermi*-GBM	5	64	47-291	IA
bn110511616	GRB 110511A	14:47:12.6955	214.1	-45.4	10.6	*Fermi*-GBM	15	2048	47-291	
bn110517453	GRB 110517A	10:52:35.4094	296.1	-73.8	9.0	*Fermi*-GBM	5	64	47-291	IA
bn110517573	GRB 110517A	13:44:47.6003	190.1	6.3	2.1	*Fermi*-GBM	11	512	47-291	Mo, K, IA, W
bn110517902	...	21:38:48.2981	85.6	47.3	8.3	*Fermi*-GBM	6	128	47-291	
bn110520302	GRB 110520B	07:14:26.2366	71.0	-85.9	12.4	*Fermi*-GBM	14	2048	47-291	
bn110521478	GRB 110521B	11:28:58.8830	57.5	-62.3	1.3	*Fermi*-GBM	4	64	47-291	K, R, IA, Me
bn110522256	GRB 110522A	06:08:17.4489	228.9	55.5	5.6	*Fermi*-GBM	16	4096	47-291	K, IA, S
bn110522296	GRB 110522B	07:06:01.9310	184.5	49.3	6.4	*Fermi*-GBM	13	1024	47-291	IA, W
bn110522633	GRB 110522C	15:11:56.6064	180.6	-26.8	12.5	*Fermi*-GBM	6	128	47-291	Mo, K, IA, S, W
bn110523344	GRB 110523A	08:15:54.5808	219.0	-15.4	4.5	*Fermi*-GBM	8	256	47-291	R, IA
bn110526715	GRB 110526A	17:09:01.8091	102.5	-16.4	5.8	*Fermi*-GBM	4	64	47-291	K, IA
bn110528624	GRB 110528A	14:58:44.3001	44.8	-6.9	2.5	*Fermi*-GBM	15	2048	47-291	IA, W
bn110529034	GRB 110529A	00:48:42.8715	118.3	67.9	1.5	*Fermi*-GBM	5	64	47-291	K, R, S, W, L, ARR
bn110529262	GRB 110529B	06:17:41.0141	172.6	8.8	2.1	*Fermi*-GBM	10	512	47-291	K, IA
bn110529811	GRB 110529C	19:27:12.7635	340.6	1.9	4.8	*Fermi*-GBM	12	1024	47-291	IA, S, W
bn110531448	GRB 110531A	10:45:10.5602	190.5	11.9	11.1	*Fermi*-GBM	14	2048	47-291	
bn110601681	GRB 110601A	16:20:16.0763	310.7	11.5	3.0	*Fermi*-GBM	8	256	47-291	K, IA, S
bn110605183	GRB 110605A	04:23:32.3035	14.9	52.5	1.0	*Fermi*-GBM	10	512	47-291	Mo, K, IA, W
bn110605780	GRB 110605B	18:42:49.0448	242.1	-3.1	10.1	*Fermi*-GBM	8	256	47-291	IA
bn110609185	GRB 110609A	04:26:11.0591	327.8	44.6	12.7	*Fermi*-GBM	12	1024	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn110609425	GRB 110609B	10:12:06.1636	317.6	-38.2	4.7	*Fermi*-GBM	12	1024	47-291	
bn110610640	GRB 110610A	15:21:32.5485	308.2	74.8	0.0	*Swift*	13	1024	47-291	K, IA, S, W
bn110613631	GRB 110613A	15:08:46.3000	336.9	-3.5	2.8	*Fermi*-GBM	12	1024	47-291	Mo, IA, Me, W
bn110616648	GRB 110616A	15:33:25.2346	274.5	-34.0	12.0	*Fermi*-GBM	16	4096	47-291	R, IA
bn110618366	GRB 110618A	08:47:36.3831	176.8	-71.7	0.7	IPN	14	2048	47-291	Mo, K, IA, S, Me, A
bn110618760	GRB 110618B	18:14:16.3073	147.1	-7.5	2.1	*Fermi*-GBM	17	4096	47-291	K, IA, Me
bn110622158	GRB 110622A	03:47:19.1055	134.0	19.5	1.8	*Fermi*-GBM	17	4096	47-291	Mo, K, IA, S, Me, W
bn110624906	GRB 110624A	21:44:25.5647	65.0	-15.9	17.3	*Fermi*-GBM	14	2048	47-291	S
bn110625579	GRB 110625B	13:53:24.5753	315.3	-39.4	4.6	*Fermi*-GBM	13	1024	47-291	K, IA, W
bn110625881	GRB 110625A	21:08:18.2358	286.7	6.8	0.0	*Swift*	10	512	47-291	K, IA, S, Me, W, L, ARR
bn110626448	GRB 110626A	10:44:54.2131	131.9	5.6	7.7	*Fermi*-GBM	8	256	47-291	K, IA, W
bn110629174	GRB 110629A	04:09:58.1975	69.4	25.0	4.8	*Fermi*-GBM	10	512	47-291	K, IA, Me
bn110702187	GRB 110702A	04:29:28.9167	5.6	-37.7	4.8	*Fermi*-GBM	10	512	47-291	K, IA, S, W
bn110703557	GRB 110703A	13:22:15.5813	155.4	-29.3	3.8	*Fermi*-GBM	9	256	47-291	IA
bn110705151	GRB 110705A	03:37:11.9380	156.0	40.1	0.2	IPN	1	16	47-291	Mo, K, R, IA, S, Me, W
bn110705364	GRB 110705B	08:43:43.4178	123.0	28.8	3.1	*Fermi*-GBM	14	2048	47-291	Mo, K, R, IA, S, Me, W
bn110706202	GRB 110706A	04:51:04.0288	100.1	6.1	8.0	*Fermi*-GBM	15	2048	47-291	Mo, K, R, IA, Me, W
bn110706477	GRB 110706B	11:26:15.7565	94.2	-50.8	2.0	*Fermi*-GBM	12	1024	47-291	IA, Me
bn110706728	GRB 110706C	17:27:56.3453	9.1	31.7	4.1	*Fermi*-GBM	5	64	47-291	Mo, K, IA, S
bn110706977	GRB 110706D	23:26:51.4124	347.5	7.1	2.6	*Fermi*-GBM	9	256	47-291	K, S
bn110709463	GRB 110709C	11:06:53.3660	155.4	23.1	1.5	*Fermi*-GBM	8	256	47-291	K, IA, Me
bn110709642	GRB 110709A	15:24:27.3676	238.9	40.9	0.0	*Swift*	14	2048	47-291	Mo, K, R, IA, S, Me, W, L, ARR
bn110709862	GRB 110709D	20:40:50.0855	156.2	-41.8	10.8	*Fermi*-GBM	10	512	47-291	W
bn110710954	GRB 110710A	22:53:50.5974	229.1	48.4	3.9	*Fermi*-GBM	4	64	47-291	K, R, IA, W
bn110716018	GRB 110716A	00:25:19.9720	329.7	-77.0	3.9	*Fermi*-GBM	8	256	47-291	
bn110717180	GRB 110717A	04:19:50.6602	308.5	-7.8	7.4	*Fermi*-GBM	1	16	47-291	K, IA
bn110717319	GRB 110717B	07:39:55.8621	312.8	-14.8	1.2	*Fermi*-GBM	16	4096	47-291	Mo, K, IA, Me
bn110720177	GRB 110720A	04:14:32.3820	198.6	-44.3	2.6	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, Me
bn110721200	GRB 110721A	04:47:43.7605	332.5	-38.6	0.4	IPN	4	64	47-291	K, IA, Me, A, L, ARR
bn110722694	GRB 110722A	16:39:16.6757	215.1	5.0	2.0	*Fermi*-GBM	17	4096	47-291	Mo, IA, S, Me
bn110722710	GRB 110722B	17:01:45.9135	8.3	62.7	4.7	*Fermi*-GBM	17	4096	47-291	Mo, K, IA
bn110725236	GRB 110725A	05:39:42.0592	270.1	-25.2	9.1	*Fermi*-GBM	5	64	47-291	K, IA
bn110726211	GRB 110726B	05:03:59.4873	317.7	2.5	3.8	*Fermi*-GBM	17	4096	47-291	K, IA, Me
bn110728056	GRB 110728A	01:20:22.8161	166.6	20.1	2.6	*Fermi*-GBM	7	128	47-291	IA, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn110729142	GRB 110729A	03:25:05.9291	353.4	5.0	1.4	*Fermi*-GBM	12	1024	47-291	K, R, IA, S, Me
bn110730008	GRB 110730A	00:11:54.7434	263.1	-22.8	4.3	*Fermi*-GBM	17	4096	47-291	
bn110730660	GRB 110730B	15:50:43.7622	335.1	-2.9	3.8	*Fermi*-GBM	15	2048	47-291	Mo, R, IA, S
bn110731465	GRB 110731A	11:09:29.9540	280.5	-28.5	0.0	*Swift*	9	256	47-291	K, R, IA, S, Me, W, L, ARR
bn110801335	GRB 110801B	08:01:43.0855	248.3	-57.1	7.3	*Fermi*-GBM	5	64	47-291	IA
bn110803783	GRB 110803A	18:47:25.4281	300.4	-11.4	7.5	*Fermi*-GBM	12	1024	47-291	IA
bn110806934	GRB 110806A	22:25:31.1146	112.0	2.4	2.4	*Fermi*-GBM	15	2048	47-291	K, IA, S, W
bn110809461	GRB 110809A	11:03:34.0044	172.2	-13.9	1.8	*Fermi*-GBM	14	2048	47-291	IA
bn110812899	GRB 110812B	21:35:08.6065	77.8	1.7	2.5	*Fermi*-GBM	8	256	47-291	
bn110813237	GRB 110813A	05:40:50.9313	61.2	34.6	1.0	*Fermi*-GBM	12	1024	47-291	Mo, K, R, Me
bn110817191	GRB 110817A	04:35:12.1202	336.0	-45.8	1.5	*Fermi*-GBM	7	128	47-291	Mo, K, R, IA, S, Me, W, ARR
bn110818860	GRB 110818A	20:37:54.2210	317.3	-64.0	0.0	*Swift*	16	4096	47-291	IA, S
bn110819665	GRB 110819A	15:57:54.9716	139.5	-76.6	3.2	*Fermi*-GBM	4	64	47-291	K, IA, S, Me, W
bn110820476	GRB 110820C	11:25:44.3476	90.5	21.6	4.0	*Fermi*-GBM	13	1024	47-291	W
bn110824009	GRB 110824A	00:13:09.9413	152.1	1.3	1.7	*Fermi*-GBM	4	64	47-291	Mo, K, IA, S, Me, W, A
bn110825102	GRB 110825A	02:26:50.9376	44.9	15.4	0.1	IPN	25	64	23-47	Mo, R, IA, S, Me, W, A, ARR
bn110825265	GRB 110825B	06:22:11.4387	251.3	-80.3	5.2	*Fermi*-GBM	17	4096	47-291	
bn110828575	GRB 110828A	13:48:14.7196	110.6	-23.8	1.0	*Fermi*-LAT	12	1024	47-291	K, IA, S, Me, W
bn110831282	GRB 110831A	06:45:26.6063	352.4	33.7	5.9	*Fermi*-GBM	10	512	47-291	K, IA, Me, W
bn110901230	GRB 110901A	05:31:44.0575	141.3	-15.8	3.4	*Fermi*-GBM	16	4096	47-291	
bn110903009	GRB 110903B	00:13:06.2933	164.2	42.1	1.2	*Fermi*-GBM	8	256	47-291	K, IA, S, Me, W
bn110903111	GRB 110903A	02:39:34.4223	197.1	59.0	0.0	*INTEGRAL*	8	256	47-291	K, IA, IS, S, Me, W
bn110904124	GRB 110904A	02:58:15.9607	359.7	35.9	2.6	*Fermi*-GBM	9	256	47-291	K, R, IA, Me, W
bn110904163	GRB 110904B	03:54:36.0195	190.4	-28.9	6.1	*Fermi*-GBM	11	512	47-291	IA, S
bn110904531	GRB 110904C	12:44:19.3299	323.7	23.9	1.7	*Fermi*-GBM	14	2048	47-291	K, IA, S
bn110906302	GRB 110906B	07:15:13.4195	26.3	17.6	4.0	*Fermi*-GBM	8	256	47-291	IA, Me
bn110909116	GRB 110909A	02:46:58.1898	347.3	-24.2	2.0	*Fermi*-GBM	8	256	47-291	Mo, K, IA, Me
bn110911071	GRB 110911A	01:41:41.5686	258.6	-67.0	50.0	*Fermi*-GBM	11	512	47-291	
bn110916016	GRB 110916A	00:23:01.6483	4.1	40.4	21.9	*Fermi*-GBM	11	512	47-291	IA
bn110919634	GRB 110919A	15:12:15.7838	280.0	66.4	1.0	*Fermi*-GBM	17	4096	47-291	Mo, K, S, Me, W
bn110920338	GRB 110920A	08:07:16.4098	87.6	38.8	5.0	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, S, Me, W
bn110920546	GRB 110920A	13:05:43.8122	209.8	-27.6	1.0	*Fermi*-GBM	10	512	47-291	K, R, IA, Me, W
bn110921444	GRB 110921C	10:38:48.2023	6.1	-5.8	7.3	*Fermi*-GBM	13	1024	47-291	IA
bn110921577	GRB 110921A	13:51:22.5714	294.1	36.4	0.1	*Swift*	13	1024	47-291	K, IA, S, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn110921912	GRB 110921B	21:52:45.0919	18.0	-27.8	1.0	*Fermi*-GBM	8	256	47-291	Mo, K, IA, S, Me, ARR
bn110923481	...	11:32:44.4574	181.4	-1.6	22.7	*Fermi*-GBM	13	1024	47-291	
bn110923835	GRB 110923A	20:01:58.1336	323.4	-10.9	3.7	*Fermi*-GBM	9	256	47-291	Mo, IA
bn110926107	GRB 110926A	02:33:36.6438	69.4	10.4	3.3	*Fermi*-GBM	14	2048	47-291	Mo, IA, Me
bn110928180	GRB 110928B	04:19:51.4104	153.4	34.3	1.4	*Fermi*-GBM	15	2048	47-291	Mo, K, R, IA, Me, W
bn110929187	GRB 110929A	04:28:53.5846	288.2	-62.2	4.0	*Fermi*-GBM	4	64	47-291	K, R, IA, S
bn110930564	GRB 110930A	13:32:31.1890	187.3	-53.7	5.1	*Fermi*-GBM	14	2048	47-291	IA
bn111001804	GRB 111001A	19:17:58.5757	340.0	-15.3	15.1	*Fermi*-GBM	6	128	47-291	IA
bn111003465	GRB 111003A	11:10:00.2298	276.8	-62.3	1.1	*Fermi*-GBM	8	256	47-291	Mo, K, R, IA, S, Me, W, ARR
bn111005398	GRB 111005B	09:33:03.3758	340.3	75.8	5.3	*Fermi*-GBM	17	4096	47-291	K, IA
bn111008992	GRB 111008B	23:49:01.2916	220.8	-5.7	4.3	*Fermi*-GBM	14	2048	47-291	
bn111009282	GRB 111009A	06:45:40.1731	183.0	-56.8	1.1	*Fermi*-GBM	10	512	47-291	K, IA, S, Me
bn111010237	GRB 111010A	05:40:34.5636	87.1	44.0	3.2	*Fermi*-GBM	16	4096	47-291	K, IA
bn111010660	GRB 111010B	15:50:21.7971	183.5	-31.7	7.1	*Fermi*-GBM	8	256	47-291	
bn111010709	GRB 111010C	17:00:35.2884	69.8	41.9	1.7	*Fermi*-GBM	14	2048	47-291	K, R
bn111010899	GRB 111010D	21:34:13.6769	77.0	-15.0	7.7	*Fermi*-GBM	12	1024	47-291	
bn111011094	GRB 111011A	02:15:09.8948	38.0	-12.5	6.8	*Fermi*-GBM	3	32	47-291	K, IA, W
bn111012456	GRB 111012A	10:56:37.4423	154.0	68.1	2.1	*Fermi*-GBM	12	1024	47-291	K, IA, Me, A
bn111012811	GRB 111012B	19:27:39.0980	97.2	67.1	1.7	*Fermi*-GBM	4	64	47-291	Mo, K, IA, S, Me, W
bn111015427	GRB 111015A	10:15:12.9852	220.6	-58.4	2.0	*Fermi*-GBM	9	256	47-291	Mo, K, R, IA, S, Me
bn111017657	GRB 111017A	15:45:23.7190	8.1	-7.0	1.0	*Fermi*-GBM	13	1024	47-291	K, R, IA, Me, W, ARR
bn111018595	GRB 111018B	14:16:48.8680	106.1	66.1	7.2	*Fermi*-GBM	9	256	47-291	K, IA
bn111018785	GRB 111018C	18:50:14.7095	124.2	81.3	7.5	*Fermi*-GBM	14	2048	47-291	Mo, W
bn111022854	GRB 111022C	20:29:23.7041	104.5	-33.1	9.3	*Fermi*-GBM	5	64	47-291	W
bn111024722	GRB 111024B	17:19:02.8789	162.7	-44.9	2.6	*Fermi*-GBM	10	512	47-291	K, R, IA, S, Me, W
bn111024896	GRB 111024C	21:30:02.2436	91.2	-1.8	13.1	*Fermi*-GBM	5	64	47-291	IA
bn111025078	GRB 111025A	01:52:45.7422	325.6	-35.5	2.7	*Fermi*-GBM	13	1024	47-291	K, IA, S
bn111103441	GRB 111103A	10:35:13.3905	327.1	-10.5	0.0	*Swift*	9	256	47-291	K, S, W
bn111103948	GRB 111103C	22:45:05.7206	201.6	-43.2	11.0	*Fermi*-GBM	3	32	47-291	IA, W
bn111105457	GRB 111105A	10:57:36.0828	153.5	7.3	14.2	*Fermi*-GBM	11	512	47-291	W
bn111107035	GRB 111107A	00:50:25.4844	129.5	-66.5	0.0	*Swift*	15	2048	47-291	S
bn111107076	GRB 111107B	01:49:46.0210	315.5	-38.5	3.5	*Fermi*-GBM	13	1024	47-291	K, R, IA, Me, W
bn111109453	GRB 111109B	10:52:32.2473	133.7	-33.4	7.4	*Fermi*-GBM	12	1024	47-291	K, Me
bn111109873	GRB 111109C	20:57:16.6575	130.0	44.7	1.5	*Fermi*-GBM	11	512	47-291	Mo, K, IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn111112908	GRB 111112A	21:47:48.1637	223.7	28.8	3.8	*Fermi*-GBM	1	16	47-291	K, IA, Me, W
bn111113410	GRB 111113B	09:50:11.7591	4.3	-7.5	4.0	*Fermi*-GBM	12	1024	47-291	IA
bn111114233	GRB 111114A	05:35:45.3513	268.1	-20.0	5.7	*Fermi*-GBM	13	1024	47-291	IA, Me, W
bn111117510	GRB 111117A	12:13:42.0293	12.7	23.0	0.0	*Swift*	3	32	47-291	IA, S, ARR
bn111117526	GRB 111117B	12:38:00.7586	27.2	-16.1	6.2	*Fermi*-GBM	12	1024	47-291	IA, S, W
bn111120556	GRB 111120A	13:20:24.0486	344.6	-37.3	5.2	*Fermi*-GBM	17	4096	47-291	
bn111124308	GRB 111124A	07:24:10.0859	94.1	4.6	9.4	*Fermi*-GBM	13	1024	47-291	IA
bn111127810	GRB 111127A	19:27:01.6976	103.7	3.5	2.1	*Fermi*-GBM	13	1024	47-291	Mo, K, S, Me, W
bn111201599	GRB 111201A	14:22:45.2597	185.5	28.6	8.6	*Fermi*-GBM	15	2048	47-291	S
bn111203054	GRB 111203A	01:17:04.0335	53.2	33.5	3.2	*Fermi*-GBM	17	4096	47-291	S, W
bn111203609	GRB 111203B	14:36:45.3790	242.8	-22.1	13.3	*Fermi*-GBM	17	4096	47-291	
bn111207512	GRB 111207B	12:17:16.2045	164.9	-17.9	10.0	*Fermi*-GBM	12	1024	47-291	
bn111208353	GRB 111208A	08:28:10.7888	290.1	40.7	0.0	*Swift*	14	2048	47-291	K, IA, S, W
bn111216389	GRB 111216A	09:20:31.5096	186.0	5.8	1.4	*Fermi*-GBM	13	1024	47-291	K, R, IA, Me
bn111220486	GRB 111220A	11:40:26.2423	267.6	-56.0	1.4	*Fermi*-GBM	14	2048	47-291	Mo, K, R, IA, Me
bn111221739	GRB 111221A	17:43:30.8060	10.2	-29.8	1.9	*Fermi*-GBM	5	64	47-291	Mo, K, R, IA, S, W, A
bn111222619	GRB 111222A	14:51:55.0233	179.2	69.0	0.5	IPN	1	16	47-291	Mo, K, IA, S, Me, W, ARR
bn111226795	GRB 111226A	19:04:58.2845	21.5	3.9	1.0	*Fermi*-GBM	15	2048	47-291	K, IA
bn111228453	GRB 111228B	10:52:50.5202	330.6	14.5	3.6	*Fermi*-GBM	26	64	23-47	K, A
bn111228657	GRB 111228A	15:45:30.8028	150.1	18.3	0.0	*Swift*	8	256	47-291	K, IA, S, Me, W
bn111230683	GRB 111230A	16:23:08.6037	150.2	33.4	2.8	*Fermi*-GBM	14	2048	47-291	Mo, K, IA, Me
bn111230819	GRB 111230B	19:39:32.1420	242.6	-22.1	2.0	*Fermi*-GBM	9	256	47-291	Mo, K, IA, S, Me
bn111231622	...	14:55:54.7009	155.5	34.3	8.5	*Fermi*-GBM	17	4096	47-291	
bn120101354	GRB 120101A	08:30:06.9076	185.9	52.9	8.8	*Fermi*-GBM	5	64	47-291	IA, S
bn120102095	GRB 120102A	02:16:23.2391	276.2	24.7	0.0	*Swift*	10	512	47-291	K, R, IA, S, Me
bn120102416	GRB 120102B	09:59:01.2725	341.1	-23.2	3.6	*Fermi*-GBM	11	512	47-291	
bn120105584	GRB 120105A	14:00:35.9014	203.7	40.1	2.8	*Fermi*-GBM	16	4096	47-291	Mo
bn120107384	GRB 120107A	09:12:15.4107	246.4	-69.9	0.5	*Fermi*-LAT	4	64	47-291	Mo, K, Me, W, L
bn120109824	GRB 120109A	19:46:01.9417	251.3	30.8	11.3	*Fermi*-GBM	15	2048	47-291	
bn120111051	GRB 120111A	01:13:27.6277	95.3	5.0	5.4	*Fermi*-GBM	17	4096	47-291	R, IA
bn120114433	GRB 120114B	10:23:39.2149	263.2	-75.6	11.1	*Fermi*-GBM	6	128	47-291	S
bn120114681	GRB 120114A	16:20:05.6800	317.9	57.0	0.0	*Swift*	17	4096	47-291	K, IA, S, Me, W
bn120117291	...	06:59:37.7072	339.0	-54.2	17.9	*Fermi*-GBM	10	512	47-291	
bn120118709	GRB 120118B	17:00:22.9435	124.9	-7.2	0.1	*Swift*	14	2048	47-291	S

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn120118898	GRB 120118C	21:32:45.8056	166.6	47.9	7.2	*Fermi*-GBM	4	64	47-291	K, IA, Me
bn120119170	GRB 120119A	04:04:25.0642	120.0	-9.8	0.0	*Swift*	10	512	47-291	K, IA, S, Me
bn120119229	GRB 120119B	05:29:49.0086	139.6	-61.3	2.0	*Fermi*-GBM	5	64	47-291	Mo, K, IA, S, Me, W
bn120119354	GRB 120119C	08:29:29.8163	66.0	-33.9	4.4	*Fermi*-GBM	11	512	47-291	IA, S
bn120120432	GRB 120120A	10:21:25.4149	134.7	35.5	5.7	*Fermi*-GBM	15	2048	47-291	K
bn120121101	GRB 120121B	02:25:53.7993	235.7	-39.3	7.9	*Fermi*-GBM	17	4096	47-291	IA
bn120121251	GRB 120121C	06:00:45.2360	208.9	-1.3	1.6	*Fermi*-GBM	13	1024	47-291	K, IA, S
bn120122300	GRB 120122A	07:12:06.0365	96.6	16.5	2.7	*Fermi*-GBM	9	256	47-291	Mo, IA, S, W
bn120129312	GRB 120129B	07:29:14.0537	26.5	-8.5	15.0	IPN	10	512	47-291	
bn120129580	GRB 120129A	13:55:46.2445	30.4	59.3	0.9	IPN	4	64	47-291	K, S, Me, A
bn120130699	GRB 120130A	16:47:10.8812	150.0	-17.5	3.7	*Fermi*-GBM	9	256	47-291	K, IA, S
bn120130906	GRB 120130B	21:44:54.3314	65.0	9.5	5.6	*Fermi*-GBM	12	1024	47-291	
bn120130938	GRB 120130C	22:30:34.4655	323.3	58.6	1.0	*Fermi*-GBM	16	4096	47-291	K, IA
bn120203812	GRB 120203A	19:29:23.9764	339.3	-46.6	6.8	*Fermi*-GBM	14	2048	47-291	IA, S, W
bn120204054	GRB 120204A	01:17:07.8322	292.6	-3.6	1.0	*Fermi*-GBM	15	2048	47-291	Mo, K, IA, S, Me, W, ARR
bn120205285	GRB 120205A	06:51:05.3074	243.4	25.9	23.8	*Fermi*-GBM	10	512	47-291	
bn120206949	GRB 120206A	22:46:16.6847	73.4	58.4	2.2	*Fermi*-GBM	10	512	47-291	Mo, K, IA, S, Me, W
bn120210650	GRB 120210A	15:35:43.2811	54.7	-58.5	5.5	*Fermi*-GBM	5	64	47-291	IA, W
bn120212353	GRB 120212B	08:27:47.5895	303.4	-48.1	7.5	*Fermi*-GBM	5	64	47-291	
bn120212383	GRB 120212A	09:11:23.4980	43.1	-18.0	0.1	*Swift*	12	1024	47-291	IA, S, W
bn120213606	GRB 120213B	14:32:44.6094	183.5	5.8	4.2	*Fermi*-GBM	10	512	47-291	K, IA, W
bn120217808	GRB 120217A	19:23:50.5717	122.4	36.8	3.2	*Fermi*-GBM	6	128	47-291	K, IA, Me, W
bn120217904	GRB 120217B	21:41:57.7681	298.7	32.7	1.5	*Fermi*-GBM	5	64	47-291	Mo, K, IA, S, Me
bn120218276	GRB 120218B	06:37:02.3707	101.8	-1.4	3.6	*Fermi*-GBM	17	4096	47-291	IA
bn120219563	GRB 120219B	13:31:23.1100	274.9	-31.1	10.9	*Fermi*-GBM	9	256	47-291	W
bn120220210	GRB 120220A	05:02:21.6029	206.1	-57.4	7.4	*Fermi*-GBM	15	2048	47-291	IA
bn120222021	GRB 120222A	00:29:36.1300	299.5	26.5	2.8	*Fermi*-GBM	5	64	47-291	Mo, K, S, Me, W
bn120222119	GRB 120222A	02:51:54.0863	340.0	-36.4	5.7	*Fermi*-GBM	17	4096	47-291	
bn120223933	GRB 120223A	22:23:48.9431	219.6	-7.5	2.7	*Fermi*-GBM	6	128	47-291	K, R, IA, Me, W
bn120224282	GRB 120224B	06:46:28.5226	118.4	41.3	4.6	*Fermi*-GBM	16	4096	47-291	K, IA, S, W
bn120224898	GRB 120224C	21:33:07.3852	331.1	10.2	3.6	*Fermi*-GBM	15	2048	47-291	Mo, K, IA, S
bn120226447	GRB 120226B	10:44:16.3850	87.6	52.3	1.1	*Fermi*-GBM	7	128	47-291	Mo, K, IA, Me, W
bn120226871	GRB 120226A	20:54:17.0267	302.9	48.7	6.0	IPN	17	4096	47-291	Mo, K, R, IA, S, Me, W, L, ARR
bn120227391	GRB 120227A	09:22:45.9705	84.8	8.5	6.3	*Fermi*-GBM	16	4096	47-291	Mo, K, IA, Me

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn120227725	GRB 120227B	17:24:41.0543	256.7	-88.9	1.2	*Fermi*-GBM	13	1024	47-291	Mo, K, IA, S, Me, W
bn120302080	GRB 120302A	01:55:34.0020	122.5	29.7	0.0	*Swift*	10	512	47-291	S, W
bn120302722	GRB 120302B	17:19:59.0822	24.1	9.7	13.9	*Fermi*-GBM	4	64	47-291	
bn120304061	GRB 120304A	01:27:48.7178	127.2	-61.1	1.0	*Fermi*-GBM	8	256	47-291	K, R, IA, W
bn120304248	GRB 120304B	05:57:47.7804	277.3	-46.2	1.0	*Fermi*-GBM	1	16	47-291	Mo, K, R, IA, Me, W
bn120308588	GRB 120308B	14:06:05.7733	30.8	55.2	1.2	*Fermi*-GBM	4	64	47-291	R, W
bn120312671	GRB 120312A	16:06:29.6672	251.8	23.9	0.0	*Swift*	15	2048	47-291	R, IA, S
bn120314412	GRB 120314A	09:52:34.6735	17.9	-48.7	17.8	*Fermi*-GBM	8	256	47-291	
bn120316008	GRB 120316A	00:11:02.5595	57.0	-56.3	0.6	IPN	17	4096	47-291	Mo, K, R, IA, S, W, L
bn120319983	GRB 120319A	23:35:04.2132	69.8	-45.4	3.7	*Fermi*-GBM	16	4096	47-291	W
bn120323162	GRB 120323B	03:52:49.2705	211.1	-45.2	3.8	*Fermi*-GBM	7	128	47-291	Mo, K, S, Me, W
bn120323507	GRB 120323A	12:10:19.7231	340.4	29.7	0.2	IPN	1	16	47-291	K, IA, S, Me, L, ARR
bn120326056	GRB 120326A	01:20:31.5128	273.9	69.3	0.0	*Swift*	10	512	47-291	K, R, S, W
bn120327418	GRB 120327B	10:01:49.2336	170.4	23.8	13.0	*Fermi*-GBM	7	128	47-291	IA
bn120328268	GRB 120328B	06:26:20.9532	228.1	22.8	1.0	*Fermi*-GBM	10	512	47-291	K, IA, S, Me, A, L
bn120331055	GRB 120331A	01:19:06.6440	26.4	-54.8	6.5	*Fermi*-GBM	1	16	47-291	Mo, IA, W, A
bn120402669	GRB 120402B	16:04:00.7578	223.7	-10.4	2.6	*Fermi*-GBM	26	64	23-47	K, IA
bn120403857	GRB 120403B	20:33:58.4931	55.3	-89.0	0.0	*Swift*	13	1024	47-291	
bn120410585	GRB 120410A	14:02:00.1923	159.6	-17.0	8.6	*Fermi*-GBM	2	32	47-291	IA, S, W
bn120411925	GRB 120411A	22:12:25.6497	38.1	-7.2	8.4	*Fermi*-GBM	9	256	47-291	Mo, IA, S
bn120412055	GRB 120412A	01:18:42.1478	29.4	-24.7	13.5	*Fermi*-GBM	13	1024	47-291	
bn120412920	GRB 120412B	22:04:40.5637	38.9	7.1	2.8	*Fermi*-GBM	9	256	47-291	K
bn120415076	GRB 120415A	01:49:57.6821	213.5	16.7	4.4	*Fermi*-GBM	11	512	47-291	K, R, IA, Me
bn120415891	GRB 120415B	21:23:41.0262	190.7	4.9	6.9	*Fermi*-GBM	4	64	47-291	IA, S
bn120415958	GRB 120415C	22:59:19.1333	150.5	61.3	5.0	*Fermi*-GBM	17	4096	47-291	K, R
bn120420249	GRB 120420A	05:58:07.2575	47.9	-52.2	5.4	*Fermi*-GBM	11	512	47-291	K, W
bn120420858	GRB 120420B	20:35:13.0705	109.3	10.8	1.1	*Fermi*-GBM	11	512	47-291	K, IA, W
bn120426090	GRB 120426A	02:09:14.3305	111.5	-65.6	0.4	IPN	5	64	47-291	Mo, K, IA, S, Me, ARR
bn120426585	GRB 120426B	14:02:22.3555	285.5	-13.7	3.8	*Fermi*-GBM	10	512	47-291	K, IA, S
bn120427054	GRB 120427A	01:17:27.7906	224.9	29.3	0.3	IPN	8	256	47-291	Mo, K, R, IA, Me, W
bn120427153	GRB 120427B	03:40:37.8678	114.7	50.2	26.6	*Fermi*-LAT	17	4096	47-291	IA
bn120429003	GRB 120429A	00:04:07.2639	166.0	-8.8	15.4	*Fermi*-GBM	8	256	47-291	
bn120429484	GRB 120429B	11:37:03.7360	133.0	-32.2	5.3	*Fermi*-GBM	10	512	47-291	IA
bn120430980	GRB 120430A	23:30:43.3489	47.2	18.5	5.8	*Fermi*-GBM	14	2048	47-291	W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn120504468	GRB 120504A	11:13:39.9348	329.9	46.8	4.1	*Fermi*-GBM	14	2048	47-291	
bn120504945	GRB 120504B	22:40:08.6011	200.3	-24.2	6.7	*Fermi*-GBM	11	512	47-291	IA, S
bn120506128	GRB 120506A	03:05:02.1148	172.2	-33.7	9.3	*Fermi*-GBM	10	512	47-291	
bn120509619	GRB 120509A	14:52:02.8400	195.4	38.3	16.8	*Fermi*-GBM	7	128	47-291	IA
bn120510900	GRB 120510B	21:36:26.0997	186.9	-55.2	3.8	*Fermi*-GBM	16	4096	47-291	R, IA, W
bn120511638	GRB 120511A	15:18:47.9162	226.9	-60.5	2.1	*Fermi*-GBM	9	256	47-291	K, IA, S, Me, W
bn120512112	GRB 120512A	02:41:44.3342	325.6	13.6	0.0	*INTEGRAL*	12	1024	47-291	Mo, K, R, IA, IS, S, Me, W
bn120513531	GRB 120513A	12:44:00.4653	140.8	75.0	10.8	*Fermi*-LAT	11	512	47-291	
bn120519721	GRB 120519A	17:18:14.9703	180.2	20.5	2.7	*Fermi*-GBM	4	64	47-291	Mo, K, IA, S, Me, W, A
bn120520949	GRB 120520A	22:46:24.6629	45.9	35.3	8.3	*Fermi*-GBM	8	256	47-291	S, W
bn120521380	GRB 120521B	09:07:52.3858	197.0	-52.7	0.0	*Swift*	15	2048	47-291	K, IA, S
bn120522361	GRB 120522B	08:39:16.8386	56.1	54.8	2.0	*Fermi*-GBM	13	1024	47-291	K, IA, S, Me, W
bn120524134	GRB 120524A	03:12:54.6787	358.1	-15.6	10.4	*Fermi*-GBM	4	64	47-291	
bn120526303	GRB 120526A	07:16:40.7695	66.3	-32.2	1.0	*Fermi*-GBM	15	2048	47-291	Mo, K, R, IA, S, W
bn120528442	GRB 120528A	10:36:00.2173	295.1	6.5	6.0	*Fermi*-GBM	10	512	47-291	K, IA, S, W
bn120530121	GRB 120530A	02:53:41.8622	176.0	78.8	3.3	*Fermi*-GBM	6	128	47-291	K, IA, S, Me, W
bn120531393	GRB 120531A	09:26:38.3653	290.4	1.2	11.0	*Fermi*-GBM	14	2048	47-291	
bn120603439	GRB 120603A	10:32:09.8539	198.8	4.3	0.5	IPN	5	64	47-291	K, R, IA, Me, W
bn120604220	GRB 120604A	05:16:31.3117	163.9	-7.4	9.3	*Fermi*-GBM	4	64	47-291	
bn120604343	GRB 120604B	08:13:40.1576	113.6	-2.8	11.9	*Fermi*-GBM	16	4096	47-291	R, S, W
bn120605453	GRB 120605A	10:52:15.9037	243.6	41.5	2.6	*Fermi*-GBM	9	256	47-291	Mo, K, IA, S, Me
bn120608489	GRB 120608A	11:43:51.8312	230.0	-26.1	2.5	*Fermi*-GBM	5	64	47-291	IA, S
bn120608777	GRB 120608B	18:38:33.0354	313.3	12.6	5.1	*Fermi*-GBM	12	1024	47-291	S, W
bn120609580	GRB 120609A	13:54:35.6228	67.3	13.0	7.5	*Fermi*-GBM	9	256	47-291	
bn120611108	GRB 120611A	02:36:00.5206	324.7	-44.8	5.3	*Fermi*-GBM	13	1024	47-291	
bn120612680	GRB 120612B	16:19:45.5477	211.9	34.6	7.1	*Fermi*-GBM	17	4096	47-291	
bn120612687	GRB 120612C	16:29:44.5573	39.7	-37.9	10.6	*Fermi*-GBM	4	64	47-291	K, IA, W
bn120616630	GRB 120616A	15:06:50.6386	79.7	56.4	8.5	*Fermi*-GBM	3	32	47-291	IA
bn120618128	GRB 120618A	03:03:49.8754	77.3	75.8	2.6	*Fermi*-GBM	9	256	47-291	K, R, IA, S, Me, W
bn120618919	GRB 120618B	22:03:34.3126	213.6	-2.1	4.8	*Fermi*-GBM	7	128	47-291	K, IA, Me, W
bn120619884	GRB 120619A	21:13:16.9128	190.7	-25.0	2.8	*Fermi*-GBM	7	128	47-291	IA, W
bn120624309	GRB 120624A	07:24:25.3393	4.8	7.2	0.4	IPN	4	64	47-291	K, IA, S, Me
bn120624933	GRB 120624B	22:23:54.9339	170.9	8.9	0.0	*Swift*	14	2048	47-291	ARR
bn120625119	GRB 120625A	02:50:46.0374	51.3	51.1	1.2	*Fermi*-GBM	12	1024	47-291	K, R, IA, S, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn120629565	GRB 120629A	13:34:11.6814	176.2	-0.6	8.9	*Fermi*-GBM	8	256	47-291	R
bn120701654	GRB 120701B	15:41:48.3152	182.7	-45.7	14.8	*Fermi*-GBM	6	128	47-291	IA, Me
bn120702891	GRB 120702A	21:23:19.1712	227.8	36.8	8.5	*Fermi*-GBM	11	512	47-291	S
bn120703417	GRB 120703B	10:01:11.6882	69.5	34.7	2.6	*Fermi*-GBM	12	1024	47-291	K, R, IA, Me
bn120703498	GRB 120703C	11:56:56.8702	210.5	46.3	5.2	*Fermi*-GBM	13	1024	47-291	
bn120703726	GRB 120703A	17:25:17.0323	339.4	-29.7	0.0	*Swift*	14	2048	47-291	K, R, IA, S, Me, ARR
bn120707800	GRB 120707A	19:12:17.4295	291.1	-34.4	1.0	*Fermi*-GBM	16	4096	47-291	Mo, K, R, IA, S, W, ARR
bn120709883	GRB 120709A	21:11:40.3666	318.4	-50.1	0.5	*Fermi*-LAT	4	64	47-291	K, IA, Me, L
bn120710100	GRB 120710A	02:23:17.0507	120.4	-31.1	4.8	*Fermi*-GBM	9	256	47-291	S, Me, W
bn120711115	GRB 120711A	02:44:53.2943	94.7	-71.0	0.0	*INTEGRAL*	8	256	47-291	K, R, IA, IS, S, Me, M, L, ARR
bn120711446	GRB 120711C	10:42:54.5709	127.9	-31.8	11.0	*Fermi*-GBM	13	1024	47-291	IA, W
bn120712571	GRB 120712A	13:42:25.6057	169.6	-20.0	0.0	*Swift*	15	2048	47-291	S
bn120713226	...	05:25:29.1390	161.7	40.7	16.7	*Fermi*-GBM	14	2048	47-291	
bn120715066	...	01:35:15.5728	272.1	58.8	3.7	*Fermi*-GBM	8	256	47-291	
bn120716577	...	13:51:02.1335	304.5	59.4	5.1	*Fermi*-GBM	17	4096	47-291	
bn120716712	GRB 120716A	17:05:03.9078	313.1	9.6	0.0	*Swift*	5	64	47-291	IP, K, S
bn120719146	...	03:30:00.8212	204.3	-43.5	1.4	*Fermi*-GBM	8	256	47-291	
bn120727354	...	08:29:39.0809	163.3	25.1	15.3	*Fermi*-GBM	13	1024	47-291	
bn120727681	...	16:20:19.5291	37.8	16.4	1.0	*Fermi*-GBM	5	64	47-291	
bn120728434	GRB 120728B	10:25:24.2360	103.8	-45.9	0.5	IPN	8	256	47-291	IP, K, R, ARR
bn120728934	GRB 120728A	22:25:12.7372	137.1	-54.4	0.0	*Swift*	10	512	47-291	S
bn120729456	GRB 120729A	10:56:12.6651	13.1	49.9	0.0	*Swift*	10	512	47-291	S
bn120801920[c]	...	22:05:21.1906	245.7	-47.4	2.4	*Fermi*-GBM	13	1024	47-291	
bn120805706	...	16:56:21.7198	30.1	-21.5	10.1	*Fermi*-GBM	12	1024	47-291	
bn120806007	...	00:10:08.8657	309.0	6.3	4.2	*Fermi*-GBM	11	512	47-291	
bn120811014	GRB 120811B	00:20:30.2878	43.7	-31.7	1.4	IPN	5	64	47-291	IP, K, S
bn120811649	GRB 120811C	15:34:55.0918	199.7	62.3	0.1	*Fermi*-LAT	14	2048	47-291	S
bn120814201	...	04:49:12.5790	26.2	22.5	3.7	*Fermi*-GBM	8	256	47-291	
bn120814803	...	19:16:06.7456	90.6	33.1	10.7	*Fermi*-GBM	5	64	47-291	
bn120817057	...	01:22:09.7753	260.0	-9.1	7.1	*Fermi*-GBM	16	4096	47-291	
bn120817168	GRB 120817B	04:02:29.7231	8.3	-26.4	0.1	*Swift*	1	16	47-291	IP, S, K
bn120819048	...	01:08:26.7648	171.5	49.4	7.9	*Fermi*-GBM	13	1024	47-291	
bn120820585	...	14:02:21.9871	186.6	-12.3	4.8	*Fermi*-GBM	14	2048	47-291	
bn120822628	...	15:03:56.3989	181.7	80.6	7.7	*Fermi*-GBM	9	256	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn120824594	...	14:16:00.7343	70.9	17.6	3.0	*Fermi*-GBM	17	4096	47-291	
bn120827216	...	05:10:25.0107	222.7	-71.9	1.7	*Fermi*-GBM	9	256	47-291	
bn120830212	...	05:04:52.7442	337.9	-80.0	3.5	*Fermi*-GBM	13	1024	47-291	
bn120830297	GRB 120830A	07:07:03.5332	88.5	-28.7	0.0	*Swift*	4	64	47-291	L, S, IP, K
bn120830702	...	16:51:36.6803	110.0	17.5	3.4	*Fermi*-GBM	12	1024	47-291	
bn120831901	...	21:37:31.8746	144.0	-16.2	8.5	*Fermi*-GBM	5	64	47-291	
bn120905657	...	15:46:21.1660	356.0	17.0	1.8	*Fermi*-GBM	14	2048	47-291	
bn120907017	GRB 120907A	00:24:24.5106	74.7	-9.3	0.0	*Swift*	12	1024	47-291	S
bn120908873	...	20:57:30.9543	268.7	-35.8	1.5	*Fermi*-GBM	7	128	47-291	
bn120908938	GRB 120908A	22:31:00.0242	230.6	-25.8	0.5	MAXI	11	512	47-291	M
bn120909070	GRB 120909A	01:41:22.3982	275.7	-59.5	0.0	*Swift*	11	512	47-291	S, M, K
bn120911298	GRB 120911A	07:08:33.9876	358.0	63.1	0.0	*Swift*	10	512	47-291	S
bn120913846	GRB 120913A	20:18:22.8873	146.4	27.0	0.1	*Swift*	13	1024	47-291	S
bn120913997	GRB 120913B	23:55:58.7700	213.6	-14.5	0.1	*Swift*	14	2048	47-291	S
bn120914144	...	03:26:42.1140	267.9	1.8	5.3	*Fermi*-GBM	9	256	47-291	
bn120915000	...	00:00:41.6379	209.4	67.3	5.9	*Fermi*-GBM	5	64	47-291	
bn120915474	...	11:22:04.2210	283.6	-1.1	6.5	*Fermi*-GBM	15	2048	47-291	
bn120916085	...	02:02:15.9053	82.0	-19.2	11.1	*Fermi*-GBM	9	256	47-291	
bn120916173	GRB 120916A	04:08:40.7546	205.8	36.7	0.3	*Fermi*-LAT	13	1024	47-291	L, K, W, IP
bn120919052	...	01:14:23.0657	298.0	-38.1	1.6	*Fermi*-GBM	10	512	47-291	
bn120919309	GRB 120919A	07:24:41.9792	214.8	-45.6	0.4	IPN	6	128	47-291	K, IP, ARR
bn120919816	...	19:35:41.7964	303.5	-66.2	11.9	*Fermi*-GBM	15	2048	47-291	
bn120920003	...	00:04:32.7277	27.1	-26.1	7.8	*Fermi*-GBM	17	4096	47-291	
bn120921877	GRB 120921A	21:03:03.7740	96.4	-64.8	3.2	*Fermi*-GBM	4	64	47-291	
bn120922939	GRB 120922A	22:32:09.4743	234.7	-20.2	0.0	*Swift*	17	4096	47-291	S
bn120926335	...	08:02:56.5731	318.4	58.4	1.5	*Fermi*-GBM	9	256	47-291	
bn120926426	...	10:13:16.0426	59.7	-37.2	3.8	*Fermi*-GBM	10	512	47-291	
bn120926753	...	18:04:35.0992	24.6	-45.6	21.3	*Fermi*-GBM	14	2048	47-291	
bn121004211	...	05:03:18.1916	137.5	-11.0	9.4	*Fermi*-GBM	9	256	47-291	
bn121005030	...	00:42:51.8894	195.2	-2.1	9.5	*Fermi*-GBM	14	2048	47-291	
bn121005340	...	08:09:12.8647	149.7	25.4	5.4	*Fermi*-GBM	8	256	47-291	
bn121008424	...	10:10:50.6583	341.0	-3.1	9.0	*Fermi*-GBM	9	256	47-291	
bn121011469	GRB 121011A	11:15:25.6968	260.2	41.1	0.0	*Swift*	14	2048	47-291	L, S, W
bn121012724	GRB 121012A	17:22:16.3864	33.4	14.6	6.8	*Fermi*-GBM	4	64	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn121014638	...	15:19:00.5847	320.4	-44.1	22.6	*Fermi*-GBM	11	512	47-291	
bn121019233	...	05:35:09.2262	43.5	62.1	7.5	*Fermi*-GBM	16	4096	47-291	
bn121023322	...	07:44:16.9457	313.9	-4.4	4.8	*Fermi*-GBM	4	64	47-291	
bn121027038	...	00:54:19.3682	4.3	-47.5	2.6	*Fermi*-GBM	14	2048	47-291	
bn121028280	...	06:43:13.0867	52.6	-25.1	7.7	*Fermi*-GBM	10	512	47-291	
bn121029350	GRB 121029A	08:24:19.9338	226.8	-28.2	1.6	*Fermi*-GBM	4	64	47-291	W, ARR
bn121031949	GRB 121031A	22:47:15.2674	170.8	-3.5	0.1	*Swift*	12	1024	47-291	S
bn121102064	...	01:32:47.9367	258.5	14.1	12.1	*Fermi*-GBM	11	512	47-291	
bn121104627	...	15:02:15.4945	72.1	14.1	4.1	*Fermi*-GBM	10	512	47-291	
bn121109338	...	08:06:56.6318	6.8	-42.6	10.4	*Fermi*-GBM	13	1024	47-291	
bn121112806	...	19:20:44.2651	79.0	-55.4	15.6	*Fermi*-GBM	6	128	47-291	
bn121113544	...	13:02:43.5307	313.2	59.8	2.1	*Fermi*-GBM	16	4096	47-291	
bn121116459	...	11:00:24.6005	180.9	-74.8	7.0	*Fermi*-GBM	4	64	47-291	
bn121117018	...	00:25:37.7260	279.1	44.9	4.3	*Fermi*-LAT	13	1024	47-291	
bn121118576	GRB 121118A	13:48:54.2563	307.2	63.2	2.4	*Fermi*-GBM	11	512	47-291	IP
bn121119579	...	13:53:14.1341	311.6	-16.9	8.1	*Fermi*-GBM	4	64	47-291	
bn121122564	...	13:31:27.5212	52.7	46.5	12.9	*Fermi*-GBM	9	256	47-291	
bn121122870	...	20:52:49.0280	355.5	6.3	2.7	*Fermi*-GBM	11	512	47-291	
bn121122885	GRB 121122A	21:14:52.5457	43.9	48.2	1.0	*Fermi*-GBM	6	128	47-291	IP, W, K
bn121123421[d]	GRB 121123A	10:06:00.5860	307.3	-11.9	0.0	*Swift*	17	4096	47-291	S, W
bn121123442	...	10:35:55.7116	30.5	-18.8	1.6	*Fermi*-GBM	13	1024	47-291	
bn121124606	...	14:32:07.2992	87.9	49.5	14.6	*Fermi*-GBM	1	16	47-291	
bn121125356	GRB 121125A	08:32:29.6268	228.5	55.3	0.1	*Swift*	15	2048	47-291	S
bn121125469	...	11:14:47.4902	177.5	38.5	5.2	*Fermi*-GBM	15	2048	47-291	
bn121127914	GRB 121127A	21:56:00.3178	176.4	-52.4	0.3	IPN	3	32	47-291	IP, K, W
bn121128212	GRB 121128A	05:05:50.9594	300.6	54.3	0.0	*Swift*	10	512	47-291	S, K
bn121202181	GRB 121202A	04:20:09.1724	256.8	24.0	0.0	*Swift*	16	4096	47-291	S
bn121205507	...	12:10:04.7144	238.6	-49.7	11.7	*Fermi*-GBM	8	256	47-291	
bn121210081	...	01:56:01.5270	202.5	17.8	8.2	*Fermi*-GBM	14	2048	47-291	
bn121211574	GRB 121211A	13:47:03.5899	195.5	30.2	0.0	*Swift*	10	512	47-291	S
bn121211695	...	16:41:02.7692	72.4	8.6	5.2	*Fermi*-GBM	11	512	47-291	
bn121216419	...	10:03:16.4501	13.9	-85.4	14.1	*Fermi*-GBM	8	256	47-291	
bn121217313[e]	GRB 121217A	07:30:01.5788	153.7	-62.4	0.0	*Swift*	14	2048	47-291	S
bn121220311	...	07:28:13.2387	31.1	48.3	8.3	*Fermi*-GBM	10	512	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn121221916	...	21:59:29.9697	214.3	33.5	4.2	*Fermi*-GBM	14	2048	47-291	
bn121223300	...	07:11:19.8116	50.1	21.4	2.7	*Fermi*-GBM	11	512	47-291	
bn121225417	GRB 121225B	10:00:53.5827	310.5	-34.8	1.5	*Fermi*-GBM	11	512	47-291	L, K, W, IP
bn121229533	...	12:47:33.3556	315.6	-11.9	4.6	*Fermi*-GBM	12	1024	47-291	
bn121231445	...	10:41:23.2495	335.5	-17.8	6.5	*Fermi*-GBM	13	1024	47-291	
bn130104721	...	17:18:07.0494	174.1	25.9	2.4	*Fermi*-GBM	8	256	47-291	
bn130106829	...	19:53:22.0710	66.7	29.7	5.0	*Fermi*-GBM	14	2048	47-291	
bn130106995	...	23:52:25.7922	28.8	63.4	1.9	*Fermi*-GBM	14	2048	47-291	
bn130109206	...	04:56:26.2610	17.5	19.2	3.7	*Fermi*-GBM	8	256	47-291	
bn130112286	...	06:52:07.5243	236.0	52.2	4.9	*Fermi*-GBM	9	256	47-291	
bn130112353	...	08:27:47.7946	196.3	-31.9	5.8	*Fermi*-GBM	9	256	47-291	
bn130114019	...	00:27:04.5494	310.2	-15.3	10.9	*Fermi*-GBM	12	1024	47-291	
bn130115716	...	17:10:39.1815	171.1	22.6	2.8	*Fermi*-GBM	13	1024	47-291	
bn130116415	...	09:58:14.2190	38.2	15.8	29.9	*Fermi*-LAT	16	4096	47-291	
bn130117087	...	02:05:11.4251	341.2	2.8	6.2	*Fermi*-GBM	12	1024	47-291	
bn130118482	...	11:33:29.3597	278.3	41.0	6.7	*Fermi*-GBM	12	1024	47-291	
bn130121835	...	20:01:59.9675	211.3	-49.5	1.1	*Fermi*-GBM	12	1024	47-291	
bn130123843	...	20:14:19.5954	314.6	-10.9	12.3	*Fermi*-GBM	11	512	47-291	
bn130127299	...	07:09:53.1610	301.2	-57.2	10.0	*Fermi*-GBM	17	4096	47-291	
bn130127743	GRB 130127A	17:50:23.9336	251.1	-17.1	8.5	*Fermi*-GBM	1	16	47-291	
bn130131511	...	12:15:13.3852	189.6	-14.5	1.0	*Fermi*-GBM	12	1024	47-291	
bn130204484	...	11:36:51.7036	105.6	41.9	7.1	*Fermi*-GBM	1	16	47-291	
bn130206482	...	11:33:34.5031	269.1	49.4	2.4	*Fermi*-GBM	6	128	47-291	
bn130206817[f]	GRB 130206A	19:36:30.4519	140.4	-58.2	0.1	*Swift*	14	2048	47-291	S
bn130208684	...	16:24:23.8357	181.6	50.9	4.7	*Fermi*-GBM	15	2048	47-291	
bn130209961	...	23:03:41.7934	33.6	-27.6	1.0	*Fermi*-GBM	4	64	47-291	
bn130213905	...	21:43:55.9587	99.1	-8.1	10.6	*Fermi*-GBM	15	2048	47-291	
bn130214137	...	03:17:05.6627	325.0	-1.8	12.8	*Fermi*-GBM	17	4096	47-291	
bn130214800	...	19:12:21.9995	56.9	-0.3	1.6	*Fermi*-GBM	12	1024	47-291	
bn130215063	GRB 130215A	01:31:26.0239	43.5	13.4	0.1	*Swift*	12	1024	47-291	S, W
bn130215649	...	15:34:16.1901	3.1	59.4	2.1	*Fermi*-GBM	16	4096	47-291	
bn130216790	GRB 130216B	18:58:11.6954	58.9	2.0	0.0	*Swift*	4	64	47-291	S, W
bn130216927	GRB 130216A	22:15:21.4191	67.9	14.7	0.0	*Swift*	7	128	47-291	S
bn130217688	...	16:31:19.1189	96.7	6.8	8.2	*Fermi*-GBM	12	1024	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn130218261	...	06:16:25.5631	69.3	-69.1	2.3	*Fermi*-GBM	14	2048	47-291	
bn130219197	...	04:44:07.5750	169.3	-22.2	2.2	*Fermi*-GBM	17	4096	47-291	
bn130219626	...	15:01:13.9457	211.6	12.2	16.7	*Fermi*-LAT	5	64	47-291	
bn130219775	GRB 130219A	18:35:51.7312	303.7	40.8	1.2	*Fermi*-GBM	8	256	47-291	K, W, IP
bn130220964	...	23:08:48.2020	306.2	31.7	1.1	*Fermi*-GBM	8	256	47-291	
bn130224370	...	08:53:02.3775	205.9	59.7	2.6	*Fermi*-GBM	16	4096	47-291	
bn130228111	...	02:40:02.1659	255.5	55.0	0.5	*Fermi*-LAT	12	1024	47-291	IP
bn130228212	...	05:05:57.0521	240.8	-55.2	1.3	*Fermi*-GBM	9	256	47-291	
bn130304410	...	09:49:53.0995	98.9	53.6	1.2	*Fermi*-GBM	7	128	47-291	
bn130304658	...	15:46:49.8928	178.9	-60.3	6.5	*Fermi*-GBM	12	1024	47-291	
bn130305486	GRB 130305A	11:39:11.3693	116.8	52.0	0.1	*Swift*	14	2048	47-291	L, S, K
bn130305526	...	12:37:47.7222	73.3	-1.6	1.8	*Fermi*-GBM	14	2048	47-291	
bn130306991	GRB 130306A	23:47:25.5692	279.5	-11.7	0.1	*Swift*	17	4096	47-291	S, K
bn130307126[g]	GRB 130307A	03:01:44.4714	156.0	23.0	1.5	IPN	5	64	47-291	IP
bn130307238	...	05:42:19.3248	319.5	10.8	4.4	*Fermi*-GBM	17	4096	47-291	
bn130310840	GRB 130310A	20:09:41.5028	142.3	-17.2	0.5	*Fermi*-LAT	11	512	47-291	L, K, W, IP, ARR
bn130314147	...	03:31:16.2990	206.2	46.8	1.4	*Fermi*-GBM	12	1024	47-291	
bn130318456	...	10:56:31.1793	200.7	8.1	9.9	*Fermi*-GBM	15	2048	47-291	IP, K
bn130320560	GRB 130320B	13:26:34.5345	195.5	-71.3	1.0	IPN	17	4096	47-291	
bn130324042	...	01:00:24.7467	255.4	0.1	6.0	*Fermi*-GBM	17	4096	47-291	
bn130325005	...	00:07:46.8185	30.4	62.1	16.1	*Fermi*-GBM	5	64	47-291	
bn130325203	GRB 130325A	04:51:54.2982	122.8	-18.9	0.2	*Fermi*-LAT	10	512	47-291	L, K, ARR
bn130327350	GRB 130327B	08:24:04.0507	218.1	-69.5	0.2	*Fermi*-LAT	8	256	47-291	L, A, W, K, ARR
bn130331566	...	13:35:44.8699	164.5	29.6	2.4	*Fermi*-GBM	14	2048	47-291	
bn130403866	...	20:46:47.4103	199.9	-46.7	8.3	*Fermi*-GBM	16	4096	47-291	
bn130404428	...	10:15:40.0522	30.8	1.5	7.2	*Fermi*-GBM	10	512	47-291	
bn130404840	...	20:10:04.0277	146.6	-42.2	1.1	*Fermi*-GBM	9	256	47-291	
bn130404877	...	21:02:11.0293	28.3	56.5	18.2	*Fermi*-GBM	7	128	47-291	
bn130406288	...	06:55:03.4617	157.8	-62.0	2.1	*Fermi*-GBM	8	256	47-291	
bn130406334	...	08:00:36.7662	109.7	-27.9	7.7	*Fermi*-GBM	16	4096	47-291	
bn130406354	...	08:29:36.5804	138.2	42.8	14.8	*Fermi*-GBM	12	1024	47-291	
bn130407800	...	19:12:43.0569	53.5	44.2	9.3	*Fermi*-GBM	17	4096	47-291	
bn130408653	...	15:40:22.8549	118.8	66.3	3.9	*Fermi*-GBM	10	512	47-291	
bn130409960	...	23:01:59.6575	30.5	44.1	2.2	*Fermi*-GBM	8	256	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn130416690	...	16:34:07.0615	99.3	24.7	14.3	*Fermi*-GBM	13	1024	47-291	
bn130416770	...	18:28:53.2960	51.2	-18.2	4.9	*Fermi*-GBM	1	16	47-291	
bn130418844	...	20:14:45.4863	216.5	-17.5	8.5	*Fermi*-GBM	15	2048	47-291	
bn130420313	GRB 130420A	07:30:19.9249	196.1	59.4	0.0	*Swift*	14	2048	47-291	S
bn130420343	...	08:14:02.2570	122.7	-11.4	1.2	*Fermi*-GBM	15	2048	47-291	
bn130420422	...	10:08:09.1981	117.1	-69.0	4.0	*Fermi*-GBM	9	256	47-291	
bn130420539	GRB 130420B	12:56:32.9879	183.1	54.4	0.0	*Fermi*-LAT	10	512	47-291	S
bn130425327	GRB 130425A	07:51:16.2348	17.8	-72.8	1.5	*Fermi*-GBM	15	2048	47-291	IP, K, W
bn130427324	GRB 130427A	07:47:06.4201	173.1	27.7	0.0	*Swift*	4	64	47-291	L, S, A, IA, K, M, R, ARR
bn130502327	GRB 130502B	07:51:11.7608	66.8	71.1	0.0	*Swift*	12	1024	47-291	L, S, IP, IA, K, W
bn130502743	GRB 130502A	17:50:30.7406	138.6	-0.1	0.0	*Swift*	8	256	47-291	S
bn130503214	...	05:08:28.9490	214.7	-11.6	21.5	*Fermi*-GBM	4	64	47-291	
bn130504314	GRB 130504B	07:32:03.3860	348.0	-5.7	1.5	IPN	1	16	47-291	IP, K, W, ARR
bn130504978	GRB 130504C	23:28:57.5176	91.6	3.8	0.0	*Swift*	13	1024	47-291	L, S, K, W, ARR
bn130505955	...	22:55:15.9425	344.5	-70.5	1.5	*Fermi*-GBM	4	64	47-291	
bn130507545	...	13:04:37.9807	319.7	-20.5	3.3	*Fermi*-GBM	13	1024	47-291	
bn130509078	...	01:52:14.7862	240.9	-40.2	2.1	*Fermi*-GBM	11	512	47-291	
bn130509839	...	20:08:43.3547	133.9	-11.5	8.8	*Fermi*-GBM	17	4096	47-291	
bn130510877	...	21:03:22.3817	105.7	-9.9	5.0	*Fermi*-GBM	16	4096	47-291	
bn130514560	GRB 130514B	13:26:32.5304	147.6	-19.0	0.0	*INTEGRAL*	6	128	47-291	IS, S
bn130515056	GRB 130515A	01:21:17.8757	283.4	-54.3	0.1	*Fermi*-LAT	1	16	47-291	S, K, W
bn130515430	...	10:18:30.1691	312.8	-14.9	5.4	*Fermi*-GBM	16	4096	47-291	
bn130515755	...	18:06:51.3906	146.8	11.3	10.5	*Fermi*-GBM	8	256	47-291	
bn130517781	...	18:44:12.9807	41.9	42.7	1.5	*Fermi*-GBM	11	512	47-291	
bn130518551	...	13:13:08.6135	289.7	-4.2	2.7	*Fermi*-GBM	5	64	47-291	
bn130518580	GRB 130518A	13:54:37.5254	355.7	47.5	0.1	*Swift*	17	4096	47-291	L, S, K, W
bn130522510	...	12:14:31.1354	134.1	17.6	4.9	*Fermi*-GBM	8	256	47-291	
bn130523095	...	02:16:09.3830	22.3	29.7	2.8	*Fermi*-GBM	13	1024	47-291	
bn130523198	...	04:45:42.2750	39.5	-63.1	2.1	*Fermi*-GBM	10	512	47-291	
bn130527627	...	15:02:14.5422	175.8	-2.5	3.1	*Fermi*-GBM	9	256	47-291	
bn130528503	...	12:04:31.3292	352.7	27.8	5.5	*Fermi*-GBM	10	512	47-291	
bn130528695	GRB 130528A	16:41:24.4088	138.7	87.3	0.1	*Fermi*-LAT	9	256	47-291	S, K
bn130530719	...	17:15:23.0060	160.9	25.2	1.0	*Fermi*-GBM	12	1024	47-291	
bn130604033[h]	GRB 130604B	00:48:11.3219	292.2	-24.9	1.2	*Fermi*-GBM	8	256	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn130606316	...	07:35:30.4051	339.4	12.5	1.7	*Fermi*-GBM	12	1024	47-291	
bn130606497	GRB 130606B	11:55:33.6313	218.6	-22.1	0.1	*Fermi*-LAT	12	1024	47-291	L, S, K, A, ARR
bn130609129	GRB 130609A	03:05:10.6896	152.7	24.1	0.1	*Swift*	12	1024	47-291	S
bn130609902	GRB 130609B	21:38:35.6097	53.8	-40.2	0.1	*Swift*	10	512	47-291	S, K, W
bn130610133	GRB 130610A	03:12:10.5020	224.4	28.2	0.1	*Swift*	16	4096	47-291	S
bn130611538	...	12:54:20.8697	238.8	-25.2	3.0	*Fermi*-GBM	10	512	47-291	
bn130612141	GRB 130612A	03:22:23.3608	259.8	16.7	0.1	*Swift*	14	2048	47-291	S
bn130612456	...	10:57:14.6280	247.9	31.0	1.8	*Fermi*-GBM	5	64	47-291	
bn130614997	GRB 130614A	23:56:09.7442	324.2	-33.9	1.2	*Fermi*-GBM	4	64	47-291	W, ARR
bn130615398	...	09:33:07.4623	184.9	69.6	6.2	*Fermi*-LAT	13	1024	47-291	
bn130617564	...	13:32:49.8501	74.7	-60.1	10.0	*Fermi*-GBM	10	512	47-291	
bn130620498	...	11:57:06.9268	74.4	61.2	12.3	*Fermi*-GBM	12	1024	47-291	
bn130622615	...	14:45:53.2039	312.7	24.5	10.9	*Fermi*-GBM	4	64	47-291	
bn130623130	...	03:06:37.1233	194.6	35.5	7.2	*Fermi*-GBM	8	256	47-291	
bn130623396	...	09:30:24.0651	203.6	49.0	7.1	*Fermi*-GBM	15	2048	47-291	
bn130623488	GRB 130623A	11:42:47.0459	20.7	-77.8	0.1	*Swift*	14	2048	47-291	S
bn130623699	...	16:46:23.7895	284.7	10.7	26.3	*Fermi*-GBM	17	4096	47-291	
bn130623790	...	18:57:50.9852	107.4	36.0	4.6	*Fermi*-GBM	12	1024	47-291	
bn130624093	...	02:13:56.0837	337.3	11.4	6.9	*Fermi*-GBM	17	4096	47-291	
bn130626452	GRB 130626A	10:51:03.8143	273.1	-9.5	0.1	*Swift*	5	64	47-291	S
bn130626596	...	14:17:32.4917	24.9	4.9	4.0	*Fermi*-GBM	14	2048	47-291	
bn130627372	GRB 130627A	08:55:05.9345	184.4	-37.1	0.1	*Swift*	10	512	47-291	S
bn130628531	GRB 130628A	12:44:02.1213	6.3	-5.1	1.7	*Fermi*-GBM	10	512	47-291	W, ARR
bn130628860	...	20:38:01.7893	312.8	6.1	5.0	*Fermi*-GBM	1	16	47-291	
bn130630272	...	06:31:19.6994	170.0	60.1	1.0	*Fermi*-GBM	8	256	47-291	
bn130701060	GRB 130701B	01:27:06.2735	97.8	-60.1	1.0	*Fermi*-GBM	14	2048	47-291	
bn130701761	...	18:15:30.7128	325.9	-30.9	1.7	*Fermi*-GBM	5	64	47-291	
bn130702004	GRB 130702A	00:05:23.0788	217.3	15.8	0.0	*Swift*	12	1024	47-291	L, S, IP, K, W
bn130702951	...	22:48:59.5262	292.2	10.4	12.9	*Fermi*-GBM	12	1024	47-291	
bn130704560	...	13:26:07.2534	65.6	-14.5	1.0	*Fermi*-GBM	8	256	47-291	
bn130705398	...	09:33:03.9591	156.3	47.4	19.4	*Fermi*-GBM	2	32	47-291	
bn130706900	...	21:36:07.8100	299.4	56.5	10.4	*Fermi*-GBM	1	16	47-291	
bn130707505	...	12:07:48.9256	54.5	-21.0	5.4	*Fermi*-GBM	12	1024	47-291	
bn130708488	GRB 130708A	11:43:04.2690	17.5	0.0	0.0	*Swift*	13	1024	47-291	S

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn130715906	GRB 130715A	21:44:09.6416	287.4	-31.1	1.0	*Fermi*-GBM	15	2048	47-291	W
bn130716352	...	08:26:19.2033	348.9	45.3	6.3	*Fermi*-GBM	14	2048	47-291	
bn130716442	GRB 130716A	10:36:53.5881	179.6	63.1	0.0	*Swift*	6	128	47-291	S
bn130717734	...	17:36:20.1112	256.6	-13.6	12.1	*Fermi*-GBM	9	256	47-291	
bn130720116	...	02:46:40.7204	243.5	15.0	6.6	*Fermi*-GBM	8	256	47-291	
bn130720582	...	13:57:40.4895	338.0	-9.4	1.0	*Fermi*-GBM	12	1024	47-291	
bn130722021	...	00:29:51.0063	119.9	-47.5	10.1	*Fermi*-GBM	14	2048	47-291	
bn130722990	...	23:46:11.7126	352.4	-22.3	2.7	*Fermi*-GBM	8	256	47-291	
bn130723092	...	02:12:34.1223	217.8	-16.9	8.2	*Fermi*-GBM	8	256	47-291	
bn130725527	...	12:38:40.7701	42.5	64.8	2.3	*Fermi*-GBM	9	256	47-291	
bn130727698	GRB 130727A	16:45:20.9109	330.8	-65.5	0.0	*Swift*	10	512	47-291	S, K
bn130730243	...	05:50:19.7425	133.8	-60.4	3.4	*Fermi*-GBM	14	2048	47-291	
bn130802730	...	17:31:52.8030	80.3	-7.6	12.9	*Fermi*-GBM	4	64	47-291	
bn130803419	GRB 130803A	10:02:53.7526	220.3	-2.5	0.0	*Swift*	11	512	47-291	S
bn130804023	GRB 130804A	00:33:15.5270	280.0	-76.2	2.3	*Fermi*-GBM	1	16	47-291	IP, K, ARR
bn130808253	...	06:04:33.6912	162.7	33.4	10.0	*Fermi*-GBM	4	64	47-291	
bn130811186	...	04:28:01.6869	192.9	-17.0	3.4	*Fermi*-GBM	17	4096	47-291	
bn130813791	...	18:59:22.7579	204.0	56.3	10.5	*Fermi*-GBM	14	2048	47-291	
bn130815420	...	10:05:07.8860	164.7	49.6	1.6	*Fermi*-GBM	14	2048	47-291	
bn130815660	...	15:50:52.2174	112.4	-2.1	1.0	*Fermi*-GBM	11	512	47-291	
bn130816074	GRB 130816A	01:46:28.5150	197.1	-58.9	0.0	*Swift*	9	256	47-291	S
bn130818941	...	22:34:33.7852	192.3	57.6	2.2	*Fermi*-GBM	11	512	47-291	
bn130819394	...	09:27:34.0994	124.7	-33.8	4.9	*Fermi*-GBM	16	4096	47-291	
bn130821674	GRB 130821A	16:10:28.0107	314.1	-12.0	0.1	*Fermi*-LAT	11	512	47-291	L, S, K, IP, ARR
bn130828306	GRB 130828A	07:20:00.1535	259.8	28.2	0.3	IPN	16	4096	47-291	L, S, IP, ARR
bn130828808	...	19:23:54.0005	188.2	27.9	2.4	*Fermi*-GBM	8	256	47-291	
bn130829672	...	16:08:01.0727	258.5	6.0	1.7	*Fermi*-GBM	13	1024	47-291	
bn130830864	...	20:44:49.5488	143.0	-0.6	7.7	*Fermi*-GBM	14	2048	47-291	
bn130830921	...	22:06:33.5068	351.0	-51.6	10.5	*Fermi*-GBM	15	2048	47-291	
bn130831058	...	01:24:13.7933	267.5	61.0	8.1	*Fermi*-GBM	14	2048	47-291	
bn130903033	GRB 130903A	00:47:32.3749	82.1	-0.1	0.0	*Swift*	17	4096	47-291	S, IS
bn130905377	...	09:02:11.4575	275.9	-2.3	2.2	*Fermi*-GBM	9	256	47-291	
bn130906222	...	05:19:30.5381	194.1	4.2	12.4	*Fermi*-GBM	17	4096	47-291	
bn130906435	...	10:26:25.2972	279.4	-53.4	7.6	*Fermi*-GBM	9	256	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn130907760[i]	...	18:14:46.5866	236.6	-25.1	7.4	*Fermi*-GBM	8	256	47-291	
bn130908677	...	16:14:23.3416	219.2	-7.2	8.8	*Fermi*-GBM	17	4096	47-291	
bn130909817[j]	...	19:36:08.8968	198.2	-20.8	17.2	*Fermi*-GBM	14	2048	47-291	
bn130912358	GRB 130912A	08:34:57.9958	47.6	14.0	0.0	*Swift*	1	16	47-291	S, K
bn130919173	...	04:09:40.2611	297.4	-11.7	5.3	*Fermi*-GBM	1	16	47-291	
bn130919352	...	08:27:04.7354	59.8	48.5	5.7	*Fermi*-GBM	11	512	47-291	
bn130919985	...	23:38:13.6953	242.2	-48.3	9.1	*Fermi*-GBM	8	256	47-291	
bn130924255	...	06:06:49.0796	28.8	-7.1	6.0	*Fermi*-GBM	14	2048	47-291	
bn130924910	...	21:51:01.6397	78.6	39.3	5.9	*Fermi*-GBM	9	256	47-291	
bn130925164[k]	GRB 130925A	03:56:23.2864	41.2	-26.1	0.0	*Swift*	16	4096	47-291	
bn130925173[k]	GRB 130925A	04:09:26.7335	41.2	-26.1	0.0	*Swift*	13	1024	47-291	S, Nu, K, M, ARR
bn130925546	...	13:05:43.1266	83.4	55.3	4.1	*Fermi*-GBM	15	2048	47-291	
bn130928537	...	12:52:35.1931	306.9	-44.2	3.3	*Fermi*-GBM	13	1024	47-291	
bn130929375	...	09:00:13.0055	200.9	2.8	19.7	*Fermi*-GBM	15	2048	47-291	
bn131002288	GRB 131002A	06:55:06.9937	253.2	82.1	0.0	*Swift*	16	4096	47-291	S
bn131004904	GRB 131004A	21:41:03.6823	296.1	-3.0	0.0	*Swift*	9	256	47-291	S
bn131006367	GRB 131006	08:48:21.3645	325.4	-26.6	18.5	*Fermi*-GBM	7	128	47-291	
bn131006840	GRB 131006	20:09:52.7074	139.4	-0.9	5.9	*Fermi*-GBM	12	1024	47-291	
bn131008858	GRB 131008	20:36:02.7926	328.0	-26.0	2.5	*Fermi*-GBM	11	512	47-291	
bn131011741	GRB 131011A	17:47:34.9871	32.5	-4.4	0.0	*Swift*	12	1024	47-291	S
bn131014215	GRB 131014A	05:09:00.2020	100.5	-19.1	0.5	*Fermi*-LAT	4	64	47-291	S, L, W, IP, K, ARR
bn131014513	...	12:18:36.1569	15.1	21.4	6.9	*Fermi*-GBM	13	1024	47-291	
bn131018673	GRB 131018B	16:08:39.1814	304.4	23.1	0.1	*Fermi*-LAT	12	1024	47-291	L, S
bn131020113	...	02:42:25.9168	209.0	51.1	19.8	*Fermi*-GBM	12	1024	47-291	
bn131021352	...	08:26:45.4506	329.1	-25.4	6.4	*Fermi*-GBM	4	64	47-291	
bn131024900	GRB 131024B	21:35:28.8457	144.5	44.3	0.0	*Swift*	16	4096	47-291	S, W
bn131028076	GRB 131028A	01:49:02.3456	57.0	72.2	1.0	*Fermi*-GBM	8	256	47-291	K, IP
bn131028096[l]	...	02:17:51.4315	333.4	-56.9	6.6	*Fermi*-GBM	13	1024	47-291	
bn131029973	GRB 131029A	23:20:48.5784	200.8	48.3	0.3	*Fermi*-LAT	15	2048	47-291	L, W
bn131029990	...	23:45:53.9333	110.3	-1.4	5.8	*Fermi*-GBM	14	2048	47-291	
bn131030653	...	15:40:25.7561	61.5	-62.8	7.8	*Fermi*-GBM	13	1024	47-291	
bn131030791	...	18:59:45.7718	186.3	-5.3	4.3	*Fermi*-GBM	10	512	47-291	
bn131031482	GRB 131031A	11:33:32.8223	29.6	-1.6	0.0	*Swift*	8	256	47-291	S, K
bn131102622	...	14:55:44.6227	74.1	-28.0	14.8	*Fermi*-GBM	15	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn131105087	GRB 131105A	02:04:53.4912	71.0	-63.0	0.1	*Swift*	11	512	47-291	S, K
bn131108024[m]	...	00:34:42.8280	353.6	33.9	4.7	*Fermi*-GBM	10	512	47-291	
bn131108862	GRB 131108A	20:41:55.7586	156.5	9.7	0.0	*Swift*	4	64	47-291	L, S, K, IP, A, ARR
bn131110373	...	08:57:01.3429	9.8	8.2	4.0	*Fermi*-GBM	15	2048	47-291	
bn131113483	...	11:35:37.1574	158.0	-41.5	1.2	*Fermi*-GBM	14	2048	47-291	
bn131117766	...	18:23:30.4572	213.3	-2.5	2.1	*Fermi*-GBM	15	2048	47-291	
bn131118958	GRB 131118A	22:58:57.4652	349.9	-66.8	0.1	IPN	13	1024	47-291	K, IP
bn131119781	...	18:44:47.8739	48.0	-24.0	7.3	*Fermi*-GBM	10	512	47-291	
bn131122490	...	11:45:05.3967	261.7	33.4	1.7	*Fermi*-GBM	15	2048	47-291	
bn131123543[n]	...	13:01:58.1342	53.2	-20.9	8.3	*Fermi*-GBM	11	512	47-291	
bn131125689	GRB 131125A	16:32:51.0475	114.7	48.4	2.2	IPN	9	256	47-291	K, IP
bn131126163	GRB 131126A	03:54:10.4314	215.4	53.5	2.3	*Fermi*-GBM	1	16	47-291	K, IP
bn131127480	...	11:31:00.5888	49.4	-5.7	4.1	*Fermi*-GBM	11	512	47-291	
bn131127592	GRB 131127B	14:12:18.3627	306.1	-0.8	1.0	*Fermi*-GBM	12	1024	47-291	K, IP
bn131127696	...	16:41:46.3426	246.3	33.9	8.7	*Fermi*-GBM	14	2048	47-291	
bn131128629	GRB 131128A	15:06:25.2829	355.3	31.3	0.0	*Swift*	12	1024	47-291	S
bn131202633	GRB 131202A	15:12:10.8514	344.1	-21.7	0.0	*Swift*	16	4096	47-291	S
bn131202906	...	21:45:20.4196	169.7	21.2	2.2	*Fermi*-GBM	15	2048	47-291	
bn131204937	...	22:28:57.7867	309.7	-69.7	4.4	*Fermi*-GBM	10	512	47-291	
bn131209547	GRB 131209A	13:07:56.9681	136.5	-33.2	0.9	*Fermi*-LAT	13	1024	47-291	L, K, IP
bn131209963	...	23:06:16.4060	253.9	72.6	6.1	*Fermi*-GBM	9	256	47-291	
bn131211510	...	12:14:49.9648	271.3	-40.6	3.6	*Fermi*-GBM	12	1024	47-291	
bn131212814	...	19:32:29.8550	273.6	18.1	15.3	*Fermi*-GBM	14	2048	47-291	
bn131214705	...	16:55:55.5955	183.9	-6.3	1.0	*Fermi*-GBM	9	256	47-291	
bn131215298	...	07:08:45.1966	104.1	68.3	1.4	*Fermi*-GBM	12	1024	47-291	
bn131216081	GRB 131216A	01:56:32.0627	91.6	-35.5	2.2	*Fermi*-GBM	4	64	47-291	L, IP, W, ARR
bn131217108	...	02:36:11.5637	86.6	30.6	6.4	*Fermi*-GBM	9	256	47-291	
bn131217183	...	04:23:28.0599	227.7	25.2	3.1	*Fermi*-GBM	5	64	47-291	
bn131217506	...	12:08:26.4341	57.5	43.2	10.8	*Fermi*-GBM	13	1024	47-291	
bn131229277	GRB 131229A	06:39:24.4835	85.2	-4.4	0.0	*Swift*	5	64	47-291	S, K, W
bn131230529	...	12:41:27.1162	91.1	64.3	11.1	*Fermi*-GBM	15	2048	47-291	
bn131230808	...	19:24:09.9048	73.1	4.8	3.9	*Fermi*-GBM	16	4096	47-291	
bn131231198	GRB 131231A	04:45:16.0832	10.6	-1.6	0.0	*Swift*	13	1024	47-291	L, S, K, ARR
bn140102887	GRB 140102A	21:17:37.8107	211.9	1.3	0.0	*Swift*	4	64	47-291	L, S, M, K, ARR

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140104731	GRB 140104B	17:32:03.1501	218.8	-8.9	0.2	*Fermi*-LAT	14	2048	47-291	L, S, W
bn140105065	GRB 140105A	01:33:01.0137	208.2	50.2	6.1	*Fermi*-GBM	5	64	47-291	
bn140105748	...	17:56:32.6420	252.9	19.0	4.0	*Fermi*-GBM	8	256	47-291	
bn140106345	...	08:16:43.3570	2.3	-8.8	15.8	*Fermi*-GBM	13	1024	47-291	
bn140108721	GRB 140108A	17:18:42.9877	325.1	58.7	0.0	*Swift*	13	1024	47-291	S, W
bn140109771	...	18:30:06.1606	102.7	29.8	10.0	*Fermi*-GBM	8	256	47-291	
bn140109877	...	21:03:26.3853	24.1	-25.1	37.5	*Fermi*-GBM	6	128	47-291	
bn140110263	GRB 140110A	06:18:37.9358	28.9	-36.3	0.5	*Fermi*-LAT	8	256	47-291	L, S, IP
bn140110411	...	09:52:04.2697	50.6	-69.3	11.7	*Fermi*-GBM	9	256	47-291	
bn140110814	...	19:31:34.4468	31.9	65.2	3.2	*Fermi*-GBM	11	512	47-291	
bn140112060	...	01:26:46.8944	8.4	12.0	7.1	*Fermi*-GBM	12	1024	47-291	
bn140113183	...	04:23:55.4740	75.6	3.2	10.0	*Fermi*-GBM	16	4096	47-291	
bn140113624	...	14:58:25.7934	329.4	18.1	12.3	*Fermi*-GBM	8	256	47-291	
bn140115863	...	20:43:18.1771	210.0	-61.4	2.2	*Fermi*-GBM	9	256	47-291	
bn140115899[o]	...	21:35:11.5049	94.9	-48.9	5.2	*Fermi*-GBM	11	512	47-291	
bn140118064	GRB 140118A	01:32:07.8481	331.0	-17.9	0.1	*Swift*	16	4096	47-291	S
bn140122597	...	14:19:47.7825	56.1	15.1	5.3	*Fermi*-GBM	9	256	47-291	
bn140124527	...	12:38:31.1932	64.2	38.5	2.0	*Fermi*-GBM	9	256	47-291	
bn140126815	...	19:33:41.6432	208.7	31.3	5.8	*Fermi*-GBM	9	256	47-291	
bn140129499	...	11:59:01.6314	183.4	-10.3	9.1	*Fermi*-GBM	2	32	47-291	
bn140204547	...	13:07:02.5600	166.1	62.5	5.6	*Fermi*-GBM	17	4096	47-291	
bn140206275	GRB 140206B	06:36:12.8433	315.3	-8.5	0.2	*Fermi*-LAT	7	128	47-291	L, K, ARR
bn140206304	GRB 140206A	07:18:15.9826	145.3	66.8	0.0	*Swift*	14	2048	47-291	S, IS
bn140209313	GRB 140209A	07:30:58.2301	81.3	32.5	0.0	*Swift*	9	256	47-291	S, K, ARR
bn140211091	...	02:10:41.1630	115.8	-13.6	4.0	*Fermi*-GBM	11	512	47-291	
bn140213807	...	19:21:32.3478	105.2	-73.1	0.0	*Swift*	9	256	47-291	S, K, ARR
bn140216331	...	07:56:04.5922	194.0	31.5	13.7	*Fermi*-GBM	8	256	47-291	
bn140217043	...	01:01:41.9986	359.4	76.8	3.1	*Fermi*-GBM	8	256	47-291	
bn140218427	...	10:14:29.3275	347.5	44.5	3.6	*Fermi*-GBM	16	4096	47-291	
bn140219319[p]	...	07:38:54.4495	221.9	50.0	8.2	*Fermi*-GBM	9	256	47-291	
bn140219824	GRB 140219A	19:46:32.2410	158.2	7.2	2.2	*Fermi*-LAT	13	1024	47-291	L, IP, K, W, M
bn140223495	...	11:53:06.1193	141.1	-30.4	5.6	*Fermi*-GBM	13	1024	47-291	
bn140224382	...	09:10:17.1667	2.8	20.4	5.9	*Fermi*-GBM	9	256	47-291	
bn140224788	...	18:55:19.8242	23.7	39.5	3.7	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140227738	...	17:43:06.5865	235.3	31.5	8.2	*Fermi*-GBM	16	4096	47-291	
bn140302342	GRB 140302A	08:12:58.8880	253.9	-12.9	0.0	*Swift*	5	64	47-291	S
bn140304557	GRB 140304A	13:22:31.4824	30.6	33.5	0.0	*Swift*	12	1024	47-291	S, W
bn140304849	...	20:22:30.1436	354.2	-27.0	3.3	*Fermi*-GBM	15	2048	47-291	
bn140306146	GRB 140306A	03:29:44.9509	27.9	49.0	0.2	IPN	4	64	47-291	W, K, IP, ARR
bn140308710	...	17:02:38.6734	350.2	73.0	2.7	*Fermi*-GBM	10	512	47-291	
bn140311453	...	10:52:04.8683	39.0	-25.2	5.3	*Fermi*-GBM	13	1024	47-291	
bn140311618	GRB 140311C	14:49:13.0958	183.6	62.8	3.3	*Fermi*-GBM	8	256	47-291	
bn140311885	GRB 140311B	21:14:35.6463	252.3	52.7	0.1	*Swift*	12	1024	47-291	S
bn140319964	...	23:08:30.3595	136.0	81.5	3.6	*Fermi*-GBM	6	128	47-291	
bn140320092	GRB 140320A	02:12:46.1129	281.9	-11.2	0.1	*Swift*	6	128	47-291	S
bn140322424	...	10:11:03.4647	250.3	-69.5	6.6	*Fermi*-GBM	15	2048	47-291	
bn140323433	GRB 140323A	10:22:53.1198	357.0	-79.9	0.0	*Swift*	13	1024	47-291	L, S, K, W
bn140327065	...	01:33:05.8481	283.1	-6.2	5.3	*Fermi*-GBM	11	512	47-291	
bn140328560	...	13:26:26.0279	320.0	18.0	14.7	*Fermi*-GBM	13	1024	47-291	
bn140329272	...	06:31:21.7737	92.3	-41.1	9.2	*Fermi*-GBM	2	32	47-291	
bn140329295[q]	GRB 140329A	07:04:38.3296	145.7	-32.2	0.2	*Fermi*-LAT	1	16	47-291	L, K, IP, ARR
bn140330180	GRB 140330A	04:19:54.4722	328.1	-57.7	0.4	IPN	11	512	47-291	K, A, IP
bn140402007	GRB 140402A	00:10:06.9977	207.6	6.0	0.1	*Swift*	5	64	47-291	L, S
bn140404030[r]	...	00:43:26.0896	14.9	78.9	4.9	*Fermi*-GBM	14	2048	47-291	
bn140404171	...	04:06:47.5138	172.7	33.2	2.2	*Fermi*-GBM	17	4096	47-291	
bn140404900	...	21:36:17.6202	101.8	-7.0	2.6	*Fermi*-GBM	12	1024	47-291	
bn140405033	...	00:47:02.5210	119.1	-26.9	3.9	*Fermi*-GBM	8	256	47-291	
bn140406120	...	02:52:13.7577	357.5	5.6	2.6	*Fermi*-GBM	4	64	47-291	
bn140406144	GRB 140406A	03:26:48.1850	70.1	13.5	5.9	*Fermi*-GBM	14	2048	47-291	
bn140408553	GRB 140408A	13:15:55.2421	290.7	-12.6	0.0	*Swift*	12	1024	47-291	S
bn140414693	...	16:38:37.9657	45.7	13.8	2.3	*Fermi*-GBM	8	256	47-291	
bn140416060	GRB 140416A	01:26:40.9386	35.4	43.9	1.0	*Fermi*-GBM	5	64	47-291	K, IP
bn140422194	...	04:38:45.4114	164.5	-62.6	6.8	*Fermi*-GBM	16	4096	47-291	
bn140423356	GRB 140423A	08:32:38.5410	197.3	49.8	0.0	*Swift*	15	2048	47-291	S, K
bn140426515	...	12:21:32.7403	174.5	-13.9	12.5	*Fermi*-GBM	17	4096	47-291	
bn140427702	...	16:50:21.0705	131.9	27.5	23.3	*Fermi*-GBM	17	4096	47-291	
bn140428906	GRB 140428B	21:44:38.5990	2.0	68.2	0.4	IPN	1	16	47-291	K, IP
bn140429975	...	23:24:41.7860	338.6	34.8	6.1	*Fermi*-GBM	16	4096	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140430716[s]	...	17:11:23.8101	146.4	-36.9	1.8	*Fermi*-GBM	10	512	47-291	
bn140501139[t]	GRB 140501A	03:19:41.4055	171.9	24.6	10.7	*Fermi*-GBM	5	64	47-291	
bn140501497	...	11:55:10.4896	62.8	43.2	2.7	*Fermi*-GBM	9	256	47-291	
bn140502354	GRB 140502A	08:30:20.1071	319.2	49.0	0.0	*Swift*	14	2048	47-291	S
bn140506880	GRB 140506A	21:07:36.8773	276.8	-55.6	0.0	*Fermi*-LAT	5	64	47-291	S, K
bn140508128	GRB 140508A	03:03:54.5981	255.5	46.8	0.0	*Swift*	8	256	47-291	S, K, IP, ARR
bn140508179	...	04:17:41.4590	350.5	-63.8	5.0	*Fermi*-GBM	13	1024	47-291	
bn140508629	...	15:05:26.1372	272.1	72.5	3.6	*Fermi*-GBM	13	1024	47-291	
bn140511095	...	02:17:11.5603	329.8	-30.1	8.8	*Fermi*-GBM	2	32	47-291	
bn140511995	...	23:53:09.4954	26.2	-24.9	3.6	*Fermi*-GBM	17	4096	47-291	
bn140512814	GRB 140512A	19:31:42.5024	289.4	-15.1	0.1	*Swift*	17	4096	47-291	S, K
bn140513724	...	17:22:12.2776	248.4	-19.5	3.9	*Fermi*-GBM	10	512	47-291	
bn140516700	...	16:47:38.6622	115.2	4.3	7.8	*Fermi*-GBM	15	2048	47-291	
bn140516765	...	18:21:00.8348	74.3	32.8	3.8	*Fermi*-GBM	10	512	47-291	
bn140517813[u]	...	19:31:17.6918	127.8	13.6	2.2	*Fermi*-GBM	10	512	47-291	
bn140518709	...	17:00:43.4248	244.0	-77.9	13.4	*Fermi*-GBM	11	512	47-291	
bn140519043	...	01:01:44.9548	278.5	34.4	5.4	*Fermi*-GBM	14	2048	47-291	
bn140521184	...	04:25:12.1435	308.7	38.9	10.1	*Fermi*-GBM	17	4096	47-291	
bn140521732	GRB 140521A	17:34:18.7308	320.0	67.6	0.1	*Swift*	5	64	47-291	S
bn140523129	GRB 140523A	03:05:57.6249	133.3	25.0	0.4	*Fermi*-LAT	7	128	47-291	L, K, IP
bn140526449	...	10:47:04.8390	131.2	-4.2	3.7	*Fermi*-GBM	15	2048	47-291	
bn140526571	...	13:42:54.7192	143.0	-10.9	6.2	*Fermi*-GBM	6	128	47-291	
bn140528837	GRB 140528A	20:05:22.7497	280.7	-59.1	0.4	IPN	10	512	47-291	K, IP, ARR
bn140603476	...	11:24:59.1393	217.4	25.9	2.1	*Fermi*-GBM	10	512	47-291	
bn140605377	...	09:02:50.6508	121.8	-53.9	6.1	*Fermi*-GBM	1	16	47-291	
bn140606133	GRB 140606B	03:11:51.8624	328.1	32.0	0.0	IPN	8	256	47-291	S, K, IP
bn140608153	...	03:41:00.9766	151.2	-50.3	1.3	*Fermi*-GBM	14	2048	47-291	
bn140608713	...	17:07:10.5093	212.0	53.8	2.9	*Fermi*-GBM	8	256	47-291	
bn140610487	...	11:41:21.7575	199.1	35.9	8.2	*Fermi*-GBM	8	256	47-291	
bn140610548	...	13:09:06.4014	121.7	6.3	1.0	*Fermi*-GBM	15	2048	47-291	
bn140610689	GRB 140610A	16:31:28.5839	286.3	3.9	0.1	*Swift*	17	4096	47-291	S, K
bn140612294	...	07:03:33.3133	267.4	-64.1	4.7	*Fermi*-GBM	15	2048	47-291	
bn140616165	...	03:57:05.1331	104.9	-70.5	7.0	*Fermi*-GBM	5	64	47-291	
bn140619475	GRB 140619B	11:24:40.5200	132.7	-9.7	0.1	*Fermi*-LAT	4	64	47-291	L, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140619490	...	11:46:01.5322	305.0	-39.2	4.3	*Fermi*-GBM	5	64	47-291	
bn140620219	GRB 140620A	05:15:28.0167	281.9	49.7	0.0	*Swift*	16	4096	47-291	S
bn140621827	GRB 140621A	19:50:10.8941	25.1	22.4	0.7	IPN	1	16	47-291	K, W, IP
bn140623224	GRB 140623A	05:22:06.6009	225.5	81.2	0.0	Known Source	16	4096	47-291	
bn140624423	GRB 140624A	10:08:40.8955	23.2	-0.6	4.6	*Fermi*-GBM	1	16	47-291	ARR
bn140626843	...	20:14:14.2478	120.8	38.8	6.6	*Fermi*-GBM	6	128	47-291	
bn140627401[v]	...	09:37:59.9156	66.5	-16.8	13.6	*Fermi*-GBM	16	4096	47-291	
bn140628626	...	15:01:36.1224	226.0	-25.8	13.0	*Fermi*-GBM	17	4096	47-291	
bn140628704	...	16:53:18.9797	359.1	31.6	9.0	*Fermi*-GBM	14	2048	47-291	
bn140630505	...	12:07:52.8230	27.6	47.7	2.2	*Fermi*-GBM	14	2048	47-291	
bn140701567	...	13:36:11.0738	351.5	-28.7	3.8	*Fermi*-GBM	13	1024	47-291	
bn140701833	...	19:59:35.2574	285.4	-32.6	4.3	*Fermi*-GBM	15	2048	47-291	
bn140703026	GRB 140703A	00:37:07.1903	13.0	45.1	0.0	*Swift*	14	2048	47-291	S
bn140705539	...	12:55:28.7403	163.9	57.0	5.8	*Fermi*-GBM	14	2048	47-291	
bn140706815	GRB 140706A	19:33:33.8638	49.3	-38.1	0.0	*Swift*	17	4096	47-291	S
bn140709051	GRB 140709A	01:13:41.3769	304.6	51.2	0.1	*Swift*	12	1024	47-291	S
bn140709637	GRB 140709B	15:17:52.8533	146.1	63.5	0.0	*Swift*	12	1024	47-291	S
bn140710537	...	12:53:05.5155	2.8	-38.9	6.4	*Fermi*-GBM	5	64	47-291	
bn140710901	GRB 140710B	21:37:37.9351	204.6	-58.6	0.0	*INTEGRAL*	16	4096	47-291	IS
bn140711691	...	16:35:24.5665	166.0	-24.6	8.5	*Fermi*-GBM	17	4096	47-291	
bn140712706	GRB 140712A	16:57:01.3515	319.3	-10.7	9.2	*Fermi*-GBM	10	512	47-291	
bn140712973	GRB 140712B	23:20:51.8928	83.5	-73.6	1.7	*Fermi*-GBM	15	2048	47-291	Me, W
bn140713780	GRB 140713A	18:43:45.3026	281.1	59.6	0.0	*Swift*	8	256	47-291	S
bn140714268	GRB 140714A	06:25:55.4244	221.0	40.3	1.1	*Fermi*-GBM	16	4096	47-291	K, Mo, ARR
bn140715231	GRB 140715A	05:33:18.1609	65.1	24.1	1.6	*Fermi*-GBM	12	1024	47-291	IA, S, Mo, Me
bn140716306	GRB 140716B	07:20:12.7008	215.2	57.0	5.7	*Fermi*-GBM	9	256	47-291	IA, S
bn140716436	GRB 140716A	10:27:57.6640	108.2	-60.2	0.0	*Swift*	6	128	47-291	K, IA, S, Mo
bn140717827	GRB 140717A	19:50:58.9825	168.5	-18.9	6.0	*Fermi*-GBM	15	2048	47-291	
bn140720158	...	03:47:25.3680	175.0	-32.3	28.2	*Fermi*-GBM	3	32	47-291	S, Mo
bn140720280	...	06:43:43.1253	141.4	10.8	11.6	*Fermi*-GBM	15	2048	47-291	
bn140721336	...	08:03:22.3166	175.7	-41.2	1.0	*Fermi*-GBM	8	256	47-291	K, IA, Me, A
bn140723067	GRB 140723A	01:36:30.7284	210.6	-3.7	0.3	*Fermi*-LAT	5	64	47-291	K, IA, Me, L
bn140723499	...	11:58:04.2541	24.6	11.2	2.2	*Fermi*-GBM	13	1024	47-291	S, Me
bn140724533	...	12:47:48.9749	314.7	-1.9	28.7	*Fermi*-GBM	9	256	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140725583	...	14:00:06.8668	13.3	66.4	5.3	*Fermi*-GBM	8	256	47-291	
bn140727748	...	17:56:44.8553	68.5	57.7	11.4	*Fermi*-GBM	13	1024	47-291	
bn140729026	GRB 140729A	00:36:53.7093	193.9	15.4	0.3	*Fermi*-LAT	8	256	47-291	K, IA, S, Me, Mo, L
bn140801792	...	18:59:53.2569	44.1	30.9	0.0	MASTER	4	64	47-291	K, Me, Mo
bn140807500	...	11:59:33.4839	200.2	26.5	2.5	*Fermi*-GBM	4	64	47-291	K, Mo, S, Me
bn140808038	...	00:54:00.6177	221.2	49.2	0.0	*Swift*	9	256	47-291	K, IA, Me
bn140809133	...	03:11:10.1956	170.1	72.4	4.1	*Fermi*-GBM	13	1024	47-291	S
bn140810782	GRB 140810A	18:46:10.0857	119.0	27.5	0.1	*Fermi*-LAT	13	1024	47-291	K, IA, Mo, Me, L, ARR
bn140817229	...	05:30:02.3583	29.0	-44.5	5.2	*Fermi*-GBM	13	1024	47-291	
bn140817293	...	07:01:58.1902	127.3	58.2	0.0	*Swift*	12	1024	47-291	K, IA, S, Mo, Me
bn140818229	GRB 140818A	05:30:09.1223	199.6	6.9	0.0	*Swift*	13	1024	47-291	K, Me, R, S
bn140818781	GRB 140818B	18:44:15.7026	271.1	-1.4	0.1	*Swift*	17	4096	47-291	S
bn140819160	...	03:50:26.1353	287.5	24.1	12.0	*Fermi*-GBM	5	64	47-291	Mo
bn140821997	...	23:56:02.8415	174.7	13.5	1.0	*Fermi*-GBM	14	2048	47-291	K, R, Mo, IA, Me
bn140824548	...	13:08:46.1738	55.6	4.3	2.1	*Fermi*-GBM	11	512	47-291	
bn140824606	...	14:33:12.0395	18.3	58.6	1.5	*Fermi*-GBM	13	1024	47-291	K, R, Me
bn140825328	...	07:52:45.5668	342.8	31.1	2.7	*Fermi*-GBM	15	2048	47-291	
bn140825980	...	23:30:52.8758	264.5	-6.9	16.3	*Fermi*-GBM	10	512	47-291	
bn140827763	...	18:18:03.3378	130.6	35.8	1.8	*Fermi*-GBM	10	512	47-291	K, IA, Mo, S
bn140828288	GRB 140828A	06:54:12.1792	142.0	14.6	0.1	*Swift*	17	4096	47-291	S
bn140829880	...	21:07:27.4662	255.6	55.9	3.5	*Fermi*-GBM	15	2048	47-291	S
bn140831215	...	05:09:01.2558	280.4	25.6	8.9	*Fermi*-GBM	9	256	47-291	
bn140831374	...	08:59:07.2171	4.3	44.0	9.9	*Fermi*-GBM	8	256	47-291	K
bn140901262	GRB 140901B	06:17:22.7871	112.2	-29.2	0.1	*Swift*	10	512	47-291	S
bn140901821	GRB 140901A	19:41:37.5749	15.8	-32.8	0.3	IPN	1	16	47-291	Mo, IA
bn140905454	...	10:53:45.7174	340.5	-25.9	2.8	*Fermi*-GBM	14	2048	47-291	R, S, W
bn140906175	...	04:11:38.6961	248.4	49.5	7.7	*Fermi*-GBM	14	2048	47-291	R, S
bn140906429	...	10:18:02.3643	185.8	1.0	1.6	*Fermi*-GBM	9	256	47-291	K, R, S, Me, W, ARR
bn140907429	...	10:18:16.8898	163.8	-27.0	9.5	*Fermi*-GBM	15	2048	47-291	
bn140907672	...	16:07:11.8026	48.1	46.6	0.0	*Swift*	14	2048	47-291	S, W
bn140911012	...	00:17:07.0577	128.4	-36.6	3.1	*Fermi*-GBM	9	256	47-291	S
bn140912664	...	15:56:35.8375	303.5	59.6	8.2	*Fermi*-GBM	10	512	47-291	S
bn140916234	...	05:36:49.8049	60.0	-10.3	5.6	*Fermi*-GBM	10	512	47-291	
bn140917512	...	12:17:06.4162	171.4	20.4	6.2	*Fermi*-GBM	5	64	47-291	K, Mo, R, Me, W

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn140918379	...	09:06:01.0756	356.2	-0.5	17.2	*Fermi*-GBM	16	4096	47-291	S
bn140919636	GRB 140919A	15:15:13.5358	221.5	-33.2	0.0	*Swift*	15	2048	47-291	S, Mo, Me
bn140928100	...	02:23:23.9766	163.8	48.5	7.1	*Fermi*-GBM	11	512	47-291	
bn140928437	GRB 140928A	10:29:53.5538	43.7	-55.9	0.0	*Swift*	17	4096	47-291	K, R, IA, S, Me, L
bn140929677	...	16:14:45.2912	177.4	-58.6	8.8	*Fermi*-GBM	17	4096	47-291	Me
bn140930134	...	03:12:32.4889	41.6	57.6	10.5	*Fermi*-GBM	11	512	47-291	
bn141003564	...	13:32:13.1022	321.8	-36.9	7.0	*Fermi*-GBM	12	1024	47-291	
bn141003788	...	18:55:23.1990	137.6	-2.2	7.0	*Fermi*-GBM	12	1024	47-291	S
bn141004150	...	03:36:28.8977	30.4	-77.3	2.1	*Fermi*-GBM	9	256	47-291	Mo
bn141004973	GRB 141004A	23:20:54.4153	76.8	12.8	0.0	*INTEGRAL*	11	512	47-291	R, IS, S, Me
bn141005217	GRB 141005A	05:13:06.9677	291.1	36.1	0.0	*Swift*	9	256	47-291	K, R, IA, S, Me
bn141005535	...	12:49:57.6213	267.3	-1.1	19.6	*Fermi*-GBM	8	256	47-291	
bn141011282	...	06:46:20.3610	257.9	-9.7	0.7	IPN	1	16	47-291	Mo, K, S, Me
bn141011467	...	11:12:49.0171	259.4	-43.0	4.1	*Fermi*-GBM	8	256	47-291	Mo, K, R, S, Me
bn141012773	...	18:33:17.6755	286.8	-49.9	3.1	*Fermi*-GBM	10	512	47-291	Mo, R, IA, S, Me
bn141013803	...	19:16:59.4110	315.1	-61.9	3.8	*Fermi*-GBM	8	256	47-291	R, S
bn141016897	...	21:31:21.2976	221.4	-62.5	1.5	*Fermi*-GBM	12	1024	47-291	K, IA, Mo, S
bn141020439	...	10:31:31.1551	265.5	-1.7	18.3	*Fermi*-GBM	11	512	47-291	
bn141022061	GRB 141022A	01:27:48.5204	241.9	-72.1	0.1	*Swift*	17	4096	47-291	S, Me
bn141022087	GRB 141022B	02:04:40.2143	119.4	-75.2	1.0	*Fermi*-GBM	9	256	47-291	Mo, IA, Me, ARR
bn141026742	...	17:48:07.0965	132.8	62.5	13.3	*Fermi*-GBM	10	512	47-291	
bn141028455	GRB 141028A	10:54:46.7832	322.6	-0.2	0.0	*Swift*	17	4096	47-291	IA, Mo, Me, L, ARR
bn141029134	GRB 141029B	03:13:18.6175	102.5	25.1	1.0	*Fermi*-GBM	10	512	47-291	K, IA, Me, ARR
bn141030746	...	17:54:13.8838	161.4	33.4	6.7	*Fermi*-GBM	14	2048	47-291	R
bn141031257	...	06:10:40.9486	26.7	46.0	9.0	*Fermi*-GBM	12	1024	47-291	
bn141031304[w]	...	07:18:21.6686	128.6	-59.2	0.0	*Swift*	10	512	47-291	S
bn141031998	...	23:57:20.9226	133.1	-33.7	15.6	*Fermi*-GBM	4	64	47-291	
bn141102112	...	02:41:16.3391	223.2	-17.4	15.6	*Fermi*-GBM	5	64	47-291	
bn141102536	GRB 141102A	12:51:39.2632	208.6	-47.1	0.0	*Swift*	5	64	47-291	Mo, K, IA, S, Me, L, ARR
bn141102779	...	18:41:18.9567	114.2	22.7	12.8	*Fermi*-GBM	15	2048	47-291	
bn141105358	...	08:35:48.8755	202.6	-32.0	5.7	*Fermi*-GBM	6	128	47-291	
bn141105406	...	09:44:47.2129	16.9	29.2	4.1	*Fermi*-GBM	5	64	47-291	S, Me
bn141109447	...	10:43:57.8085	204.3	79.0	2.8	*Fermi*-GBM	12	1024	47-291	
bn141110232	...	05:33:23.5570	253.1	-34.1	3.8	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn141111435	...	10:26:59.5906	51.2	43.0	14.5	*Fermi*-GBM	8	256	47-291	
bn141112539	...	12:56:16.2158	17.4	-45.8	3.8	*Fermi*-GBM	16	4096	47-291	
bn141112828	...	19:52:03.8457	78.3	-4.0	7.4	*Fermi*-GBM	16	4096	47-291	
bn141113346	...	08:17:43.5028	171.0	80.3	12.1	*Fermi*-GBM	4	64	47-291	
bn141114687	...	16:29:16.0894	6.8	-13.4	3.9	*Fermi*-GBM	15	2048	47-291	Mo, R, S, Me
bn141118678	...	16:15:50.3101	158.1	19.8	2.2	*Fermi*-GBM	5	64	47-291	Mo, K, R, IA, S, Me
bn141121414	...	09:56:08.4819	235.9	-35.6	7.0	*Fermi*-GBM	8	256	47-291	
bn141122087	...	02:05:26.1723	9.7	-20.0	10.9	*Fermi*-GBM	4	64	47-291	
bn141122875	...	20:59:46.7142	280.6	-52.5	5.8	*Fermi*-GBM	15	2048	47-291	
bn141122956	...	22:56:28.6543	75.7	17.9	16.1	*Fermi*-GBM	17	4096	47-291	
bn141124277	...	06:38:20.7358	135.1	78.2	5.0	*Fermi*-GBM	8	256	47-291	IA
bn141126233	...	05:35:56.5365	243.9	60.0	17.1	*Fermi*-GBM	9	256	47-291	S
bn141128962	...	23:05:53.8379	321.8	-35.8	8.8	*Fermi*-GBM	1	16	47-291	
bn141202470	...	11:17:05.6057	143.1	54.2	0.4	IPN	5	64	47-291	Mo, K, R, S, Me, W
bn141205018	...	00:25:29.8125	294.6	-87.6	3.9	*Fermi*-GBM	14	2048	47-291	
bn141205337	...	08:05:17.4907	92.9	37.9	0.0	*Swift*	4	64	47-291	S
bn141205763	...	18:18:27.6590	298.8	-7.8	1.7	*Fermi*-GBM	9	256	47-291	Mo, K, R, S, Me, W
bn141206254	...	06:05:51.7100	320.6	2.4	9.3	*Fermi*-GBM	12	1024	47-291	
bn141207800	GRB 141207A	19:11:21.1047	160.0	3.9	0.2	*Fermi*-LAT	11	512	47-291	K, R, IA, S, Me, W, L
bn141208038	...	00:55:02.9783	239.2	11.0	9.5	*Fermi*-GBM	13	1024	47-291	
bn141208632	...	15:09:58.3194	359.3	26.4	17.0	*Fermi*-GBM	5	64	47-291	
bn141209131	...	03:07:59.5417	90.2	-30.6	3.5	*Fermi*-GBM	15	2048	47-291	R, S
bn141213300	...	07:12:15.4291	248.2	18.1	8.7	*Fermi*-GBM	5	64	47-291	K, IA
bn141215560	...	13:26:15.7542	179.1	-52.7	0.2	IPN	9	256	47-291	Mo, K, R, IA, S
bn141220252	GRB 141220A	06:02:52.4857	195.1	32.1	0.0	*Swift*	9	256	47-291	Mo, K, R, S, Me, ARR
bn141221338	GRB 141221A	08:07:11.2163	198.3	8.2	0.0	*Swift*	9	256	47-291	K, S
bn141221897	...	21:31:48.7867	126.0	-74.2	3.7	*Fermi*-GBM	14	2048	47-291	K, S, Me
bn141222298	GRB 141222A	07:08:57.3977	178.0	-57.4	0.1	*Fermi*-LAT	1	16	47-291	K, IA, Me, L
bn141222691	...	16:34:30.3404	97.4	40.1	1.0	*Fermi*-GBM	8	256	47-291	Mo, K, S, Me
bn141223240	...	05:45:37.9700	147.4	-20.7	7.5	*Fermi*-GBM	17	4096	47-291	
bn141225959	GRB 141225A	23:01:13.8165	138.8	33.8	0.1	*Swift*	10	512	47-291	R, IA, S
bn141226880	...	21:07:24.5179	163.9	28.4	6.3	*Fermi*-GBM	14	2048	47-291	
bn141229492	...	11:48:59.8358	72.4	-19.2	0.0	*Swift*	4	64	47-291	K, R, IA, S, Me, M
bn141229911	...	21:52:10.8523	170.1	23.1	4.3	*Fermi*-GBM	17	4096	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn141230142	...	03:24:22.6372	57.0	1.6	3.9	*Fermi*-GBM	9	256	47-291	K, Me
bn141230834	...	20:00:25.6662	181.5	11.6	4.2	*Fermi*-GBM	12	1024	47-291	
bn141230871	...	20:54:05.7141	246.9	-40.2	10.5	*Fermi*-GBM	4	64	47-291	
bn150101270	GRB 150101A	06:28:53.7614	312.6	36.7	0.0	*Swift*	4	64	47-291	S
bn150101641	GRB 150101B	15:23:34.4680	188.0	-11.0	0.0	*Swift*	1	16	47-291	IA, S
bn150105257	...	06:10:00.4627	124.3	-14.8	1.0	*Fermi*-GBM	17	4096	47-291	K, Mo, Me
bn150106921	...	22:05:56.2477	40.8	0.3	13.1	*Fermi*-GBM	17	4096	47-291	
bn150110433	GRB 150110A	10:23:38.2316	217.0	18.9	1.0	MAXI	14	2048	47-291	M
bn150110923	GRB 150110B	22:08:31.9098	289.4	32.5	0.1	*Swift*	10	512	47-291	S
bn150118409	GRB 150118B	09:48:17.7739	240.2	-35.8	0.5	*Fermi*-LAT	8	256	47-291	Mo, K, IA, Me, L, ARR
bn150118927	GRB 150118C	22:14:32.6612	160.1	-27.6	0.1	IPN	1	16	47-291	Mo, K
bn150120123	GRB 150120A	02:57:47.0047	10.3	34.0	0.0	*Swift*	9	256	47-291	S
bn150120685	...	16:26:17.4646	48.1	26.9	9.9	*Fermi*-GBM	8	256	47-291	IA, Me
bn150122960	...	23:02:28.3204	151.2	-32.6	3.3	*Fermi*-GBM	11	512	47-291	K, IA, Mo
bn150126868	GRB 150126A	20:50:35.7779	350.5	-12.4	0.5	MAXI	15	2048	47-291	K, IA, Mo, M
bn150127398	GRB 150127A	09:32:44.1366	285.7	-8.4	2.8	*Fermi*-GBM	5	64	47-291	Mo, K, Me, L
bn150127589	GRB 150127B	14:08:26.6767	142.4	-3.1	1.0	*Fermi*-GBM	8	256	47-291	Mo, K, Me
bn150127935	...	22:26:38.5431	300.7	32.7	9.7	*Fermi*-GBM	14	2048	47-291	
bn150128624	...	14:58:54.5034	127.7	63.2	9.1	*Fermi*-GBM	4	64	47-291	
bn150128791	...	18:59:14.2942	272.3	27.8	3.3	*Fermi*-GBM	8	256	47-291	
bn150131335	...	08:03:02.4969	16.1	11.4	5.8	*Fermi*-GBM	6	128	47-291	
bn150131951	...	22:49:26.1825	62.3	19.3	5.3	*Fermi*-GBM	11	512	47-291	Me
bn150201040	...	00:56:54.2887	5.6	19.8	13.9	*Fermi*-GBM	8	256	47-291	
bn150201574[x]	GRB 150201A	13:46:55.1523	11.8	-37.6	0.0	*Swift*	4	64	47-291	K, IA, S, Mo, Me, ARR
bn150201590[x]	GRB 150201A	14:09:55.9775	11.8	-37.6	0.0	*Swift*	13	1024	47-291	
bn150202999	GRB 150202B	23:59:08.2734	86.8	58.5	1.0	*Fermi*-GBM	15	2048	47-291	K, IA, Mo, Me, L, ARR
bn150203173	GRB 150203A	04:09:10.0627	98.4	7.0	0.0	*Swift*	17	4096	47-291	S
bn150203545	...	13:04:30.3984	156.9	-21.8	2.7	*Fermi*-GBM	11	512	47-291	
bn150204272	GRB 150204A	06:31:07.8791	160.2	-64.0	0.0	*Swift*	14	2048	47-291	IA, S
bn150206285	...	06:50:10.6883	357.9	-61.6	3.7	*Fermi*-GBM	8	256	47-291	K, IA
bn150206407	...	09:46:27.4847	220.6	57.5	6.8	*Fermi*-GBM	8	256	47-291	
bn150208573	...	13:44:31.5307	176.9	9.3	20.0	*Fermi*-GBM	16	4096	47-291	
bn150208929	...	22:17:18.6163	350.7	34.9	4.2	*Fermi*-GBM	6	128	47-291	
bn150210935	...	22:26:24.2829	112.8	12.4	2.2	*Fermi*-GBM	4	64	47-291	K, IA, L

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn150211239	...	05:44:16.8278	336.6	39.0	9.1	*Fermi*-GBM	15	2048	47-291	
bn150213001	...	00:01:48.7041	95.3	-4.8	1.0	*Fermi*-GBM	5	64	47-291	K, IA, Me
bn150214293	...	07:01:22.6495	342.6	-34.2	10.5	*Fermi*-GBM	7	128	47-291	
bn150215026	...	00:37:26.5971	305.6	3.4	14.7	*Fermi*-GBM	9	256	47-291	
bn150216415	...	09:57:57.4621	120.7	-9.5	10.1	*Fermi*-GBM	15	2048	47-291	
bn150219522	...	12:31:12.2591	271.3	-41.6	0.3	*INTEGRAL*	11	512	47-291	Me
bn150220598	...	14:21:35.5997	135.5	-1.6	0.5	IPN	11	512	47-291	K, Mo, Me
bn150222450	...	10:48:07.4118	170.3	-46.2	1.3	*Fermi*-GBM	12	1024	47-291	K, Me
bn150222832	...	19:58:03.4367	294.5	-40.9	11.3	*Fermi*-GBM	16	4096	47-291	
bn150226223	...	05:20:26.7779	63.5	22.5	1.3	*Fermi*-GBM	9	256	47-291	
bn150226545	...	13:05:23.1535	51.1	28.5	2.6	*Fermi*-GBM	13	1024	47-291	
bn150226948	...	22:45:49.0005	157.8	18.4	11.3	*Fermi*-GBM	12	1024	47-291	
bn150227702	...	16:51:29.5402	190.3	-29.9	8.1	*Fermi*-GBM	10	512	47-291	
bn150228845	...	20:16:18.1144	231.3	-41.9	2.0	*Fermi*-GBM	5	64	47-291	K, Mo, Me
bn150228981	...	23:32:40.6508	7.6	-61.7	2.5	*Fermi*-GBM	8	256	47-291	K, Me
bn150301045	GRB 150301A	01:04:28.6481	244.3	-48.7	0.1	*Swift*	1	16	47-291	S
bn150301818	GRB 150301B	19:38:04.5132	89.2	-58.0	0.1	*Swift*	8	256	47-291	IA, S
bn150303516	...	12:22:51.3718	114.8	-5.5	5.1	*Fermi*-GBM	8	256	47-291	
bn150305724	...	17:23:13.6927	225.1	-44.7	11.4	*Fermi*-GBM	11	512	47-291	R
bn150306993	...	23:49:39.8244	0.6	-58.5	1.0	*Fermi*-GBM	10	512	47-291	K, R, IA, Me
bn150309958	GRB 150309A	22:59:50.6580	277.1	86.4	0.0	*Swift*	9	256	47-291	K, IA, S, Mo, Me
bn150312403	...	09:40:45.7057	285.5	-86.0	10.8	*Fermi*-GBM	1	16	47-291	
bn150313657	...	15:46:42.0613	237.9	-47.9	8.4	*Fermi*-GBM	11	512	47-291	
bn150314205	GRB 150314A	04:54:50.8536	126.7	63.8	0.0	*Swift*	5	64	47-291	K, S, Mo, Me, L, ARR
bn150316400	...	09:36:09.1986	15.9	53.1	11.4	*Fermi*-GBM	15	2048	47-291	
bn150318521	...	12:29:53.0244	269.0	-30.2	2.2	*Fermi*-GBM	13	1024	47-291	
bn150319271	...	06:29:49.4531	7.1	28.1	2.4	*Fermi*-GBM	15	2048	47-291	K, Mo, Me
bn150320462	...	11:05:31.5985	140.0	68.9	10.6	*Fermi*-GBM	4	64	47-291	
bn150322066	...	01:35:03.2363	125.8	-48.0	2.8	*Fermi*-GBM	11	512	47-291	K, Me
bn150323395	GRB 150323B	09:28:39.2087	260.4	38.3	0.0	*Swift*	13	1024	47-291	K, IA, S, Me
bn150323712	GRB 150323C	17:05:09.6380	192.6	50.2	0.0	*Swift*	17	4096	47-291	S, Me
bn150324164	...	03:56:10.9229	180.8	-42.7	4.2	*Fermi*-GBM	4	64	47-291	K, Mo, Me
bn150324319	...	07:39:08.8837	295.2	-20.0	1.7	*Fermi*-GBM	10	512	47-291	K, Me
bn150325696	...	16:42:02.4952	133.1	37.8	10.2	*Fermi*-GBM	2	32	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn150326521	...	12:30:42.3196	345.4	8.2	12.1	*Fermi*-GBM	13	1024	47-291	
bn150326542	...	13:00:35.1980	331.1	-19.6	5.9	*Fermi*-GBM	11	512	47-291	
bn150329288	...	06:55:19.1230	163.0	-12.3	11.7	*Fermi*-GBM	12	1024	47-291	
bn150330828	GRB 150330A	19:52:21.2651	329.3	50.0	1.0	*Fermi*-GBM	9	256	47-291	K, IA, Me, ARR
bn150403913	GRB 150403A	21:54:10.9519	311.5	-62.7	0.0	*Swift*	10	512	47-291	K, S, Mo, Me, L, ARR
bn150404733	...	17:35:03.7191	165.9	-67.4	8.9	*Fermi*-GBM	12	1024	47-291	
bn150411026	...	00:37:49.3473	342.8	28.4	12.0	*Fermi*-GBM	13	1024	47-291	
bn150412507	...	12:10:36.7416	186.8	2.9	17.6	*Fermi*-GBM	6	128	47-291	
bn150412931	...	22:20:36.2020	220.3	20.1	8.1	*Fermi*-GBM	6	128	47-291	IA
bn150415029	...	00:41:07.5306	220.6	-19.3	3.6	*Fermi*-GBM	8	256	47-291	
bn150416773	...	18:33:25.9651	58.8	53.0	1.9	*Fermi*-GBM	15	2048	47-291	K, R, IA, Me, L
bn150418819	...	19:39:29.4221	312.4	-43.5	9.2	*Fermi*-GBM	5	64	47-291	
bn150422294	...	07:03:30.5842	156.0	-53.6	10.3	*Fermi*-GBM	17	4096	47-291	
bn150422703	GRB 150422A	16:52:33.9929	215.1	-20.9	1.1	*Fermi*-GBM	10	512	47-291	K, Mo, Me, ARR
bn150423285	...	06:50:42.9148	220.4	-38.8	14.7	*Fermi*-GBM	12	1024	47-291	
bn150424403	GRB 150424B	09:39:59.6792	182.8	-16.2	0.1	MAXI	10	512	47-291	M
bn150425617	...	14:48:19.5348	214.2	-55.5	8.2	*Fermi*-GBM	12	1024	47-291	
bn150426594	...	14:15:31.2231	17.6	-30.2	1.5	*Fermi*-GBM	9	256	47-291	K, Mo, Me
bn150428305	...	07:19:02.9505	242.3	69.5	6.1	*Fermi*-GBM	14	2048	47-291	
bn150430015	GRB 150430A	00:21:05.6467	326.5	-27.9	0.0	*Swift*	14	2048	47-291	K, IA, S, Mo, Me
bn150501017	...	00:24:08.1445	50.0	-15.6	3.2	*Fermi*-GBM	9	256	47-291	
bn150502435	...	10:25:55.1635	241.5	42.1	1.0	*Fermi*-GBM	16	4096	47-291	
bn150506398	...	09:33:47.7854	176.2	7.6	1.5	*Fermi*-GBM	7	128	47-291	K, IA
bn150506630	...	15:07:05.6166	76.3	67.8	3.2	*Fermi*-GBM	1	16	47-291	K
bn150506972	...	23:19:15.1976	29.2	-3.4	15.9	*Fermi*-GBM	7	128	47-291	
bn150507026	...	00:37:29.2164	19.1	-3.8	1.4	*Fermi*-GBM	12	1024	47-291	K, IA
bn150508945	...	22:40:42.8248	45.9	-52.5	10.1	*Fermi*-GBM	17	4096	47-291	
bn150510139	GRB 150510A	03:19:53.7384	16.2	4.8	0.4	*Fermi*-LAT	1	16	47-291	K, IA, Mo, L
bn150511362	...	08:41:57.5021	91.2	-30.4	5.1	*Fermi*-GBM	12	1024	47-291	
bn150512432	...	10:22:25.8731	200.5	59.1	3.6	*Fermi*-GBM	10	512	47-291	K, IA
bn150513856	GRB 150513A	20:33:15.2539	49.1	-22.9	0.0	*Swift*	11	512	47-291	R, S, L
bn150514774	GRB 150514A	18:35:05.3521	74.8	-60.9	0.1	*Fermi*-LAT	9	256	47-291	K, IA, L
bn150520893	...	21:25:34.1904	128.5	-1.6	9.9	*Fermi*-GBM	13	1024	47-291	
bn150522433	...	10:23:50.2413	289.3	-39.7	3.8	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn150522944	...	22:38:44.0680	130.9	58.6	10.5	*Fermi*-GBM	4	64	47-291	W
bn150523396	GRB 150523A	09:29:48.0807	115.3	-45.4	0.0	*Swift*	8	256	47-291	K, IA, W, L, ARR
bn150523690	...	16:33:56.7684	202.3	-39.2	5.7	*Fermi*-GBM	17	4096	47-291	
bn150527283	GRB 150527A	06:47:08.7037	289.0	4.2	0.0	*Swift*	12	1024	47-291	K, S
bn150527662	...	15:53:43.6624	10.8	-35.6	3.0	*Fermi*-GBM	14	2048	47-291	
bn150528656	...	15:44:04.5563	351.0	-20.1	2.5	*Fermi*-GBM	16	4096	47-291	K
bn150530488	GRB 150530A	11:42:15.6070	327.5	57.5	0.0	*Swift*	13	1024	47-291	K, R, S
bn150601904	...	21:41:10.4051	79.7	-53.8	6.8	*Fermi*-GBM	9	256	47-291	
bn150602840	...	20:09:18.6373	289.9	-74.2	2.5	*Fermi*-GBM	12	1024	47-291	K, IA
bn150603105	...	02:31:47.5003	74.8	-37.9	2.7	*Fermi*-GBM	14	2048	47-291	
bn150603823	...	19:45:40.5115	274.5	-18.7	5.9	*Fermi*-GBM	12	1024	47-291	
bn150604284	...	06:48:27.4088	306.3	-46.7	7.8	*Fermi*-GBM	16	4096	47-291	R
bn150604434	...	10:24:43.8018	72.4	-21.6	4.4	*Fermi*-GBM	4	64	47-291	K
bn150605782	...	18:46:19.0357	217.9	14.7	12.7	*Fermi*-GBM	5	64	47-291	
bn150607330	GRB 150607A	07:55:09.8455	140.0	68.4	0.0	*Swift*	9	256	47-291	K, IA, S
bn150609316	...	07:35:19.3827	52.3	31.6	14.1	*Fermi*-GBM	1	16	47-291	
bn150612702	...	16:51:35.3959	2.3	25.1	1.8	*Fermi*-GBM	10	512	47-291	K
bn150613420	...	10:04:25.0078	106.1	-0.5	6.0	*Fermi*-GBM	14	2048	47-291	
bn150613995	...	23:52:36.4812	228.5	-7.1	6.5	*Fermi*-GBM	16	4096	47-291	
bn150614073	...	01:44:33.3486	283.3	24.0	3.5	*Fermi*-GBM	8	256	47-291	IA
bn150618674	...	16:10:47.8056	238.2	28.5	6.5	*Fermi*-GBM	10	512	47-291	IA
bn150619287	...	06:53:06.6893	219.7	8.6	1.4	*Fermi*-GBM	13	1024	47-291	K, IA
bn150622393	...	09:26:32.0229	267.0	33.2	1.0	*Fermi*-GBM	10	512	47-291	K
bn150627183	GRB 150627A	04:23:23.6812	117.5	-51.6	0.1	*Fermi*-LAT	12	1024	47-291	K, IA, Mo, L, ARR
bn150628767	...	18:23:57.1907	347.0	-66.2	14.7	*Fermi*-GBM	4	64	47-291	IA
bn150629564	...	13:32:40.6884	307.6	-26.4	11.2	*Fermi*-GBM	6	128	47-291	IA
bn150630223	...	05:20:46.7609	116.8	-21.3	1.5	*Fermi*-GBM	9	256	47-291	K, IA, Mo
bn150630958	...	22:58:59.9793	358.2	-47.4	2.5	*Fermi*-GBM	13	1024	47-291	
bn150702998	GRB 150702A	23:56:38.5509	52.8	-57.0	0.4	*Fermi*-LAT	6	128	47-291	K, IA, Mo, L
bn150703149	...	03:34:06.1993	135.8	-11.2	5.1	*Fermi*-GBM	14	2048	47-291	
bn150703259	...	06:13:33.0806	341.3	46.6	2.0	*Fermi*-GBM	8	256	47-291	
bn150705009	...	00:13:36.9336	102.5	20.9	3.0	*Fermi*-GBM	11	512	47-291	
bn150705588	...	14:07:11.6080	66.5	-6.6	12.6	*Fermi*-GBM	6	128	47-291	
bn150707124	...	02:59:13.2282	84.4	49.0	2.5	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn150708339	...	08:08:46.0768	308.6	-39.4	3.1	*Fermi*-GBM	16	4096	47-291	
bn150710646	...	15:30:21.5619	133.9	48.9	11.7	*Fermi*-GBM	16	4096	47-291	
bn150711766	GRB 150711A	18:23:00.1580	221.6	-35.5	0.0	*Swift*	15	2048	47-291	K, S
bn150712846	...	20:18:18.6410	20.2	-38.5	4.3	*Fermi*-GBM	14	2048	47-291	
bn150715136	...	03:15:28.1894	157.3	23.6	19.9	*Fermi*-GBM	6	128	47-291	
bn150716552	...	13:14:38.7853	286.6	14.5	9.0	*Fermi*-GBM	13	1024	47-291	
bn150717795	...	19:04:26.7198	236.6	16.1	7.3	*Fermi*-GBM	14	2048	47-291	
bn150718656	...	15:44:46.5396	124.8	-51.0	6.2	*Fermi*-GBM	6	128	47-291	K, IA
bn150721242	...	05:49:08.9343	334.1	7.8	1.5	*Fermi*-GBM	10	512	47-291	K, IA
bn150721431	...	10:21:06.4472	251.6	20.1	29.3	*Fermi*-GBM	5	64	47-291	
bn150721732	...	17:34:29.5488	282.9	-49.4	7.0	*Fermi*-GBM	15	2048	47-291	
bn150723608	...	14:35:14.1374	149.9	-12.9	6.0	*Fermi*-GBM	13	1024	47-291	
bn150724398	...	09:32:37.7127	160.6	27.0	8.8	*Fermi*-GBM	14	2048	47-291	
bn150724782	GRB 150724B	18:45:37.7140	351.9	3.7	0.2	*Fermi*-LAT	17	4096	47-291	K, Mo, R, L
bn150726877	...	21:02:30.5414	264.4	-36.2	3.2	*Fermi*-GBM	17	4096	47-291	
bn150727793	GRB 150727A	19:01:56.3476	204.0	-18.4	0.1	*Swift*	14	2048	47-291	S
bn150728151	...	03:37:26.4936	100.4	17.1	7.5	*Fermi*-GBM	6	128	47-291	IA, Mo
bn150729517	...	12:24:08.7421	219.2	5.8	1.0	*Fermi*-GBM	8	256	47-291	K, IA
bn150802127	...	03:03:02.3703	151.5	-62.1	4.2	*Fermi*-GBM	12	1024	47-291	K
bn150802207	...	04:57:42.3536	201.5	17.2	4.5	*Fermi*-GBM	12	1024	47-291	Mo
bn150804806	...	19:21:11.4721	334.5	27.1	2.2	*Fermi*-GBM	17	4096	47-291	
bn150805445	...	10:40:35.4545	95.8	-64.3	2.6	*Fermi*-GBM	14	2048	47-291	
bn150805746	...	17:54:12.5103	326.1	-33.4	13.1	*Fermi*-GBM	10	512	47-291	
bn150806348	...	08:21:41.9604	106.8	1.0	2.8	*Fermi*-GBM	13	1024	47-291	
bn150809516	...	12:22:55.1192	351.0	-16.6	2.2	*Fermi*-GBM	11	512	47-291	
bn150810485	...	11:38:08.9099	283.2	21.2	3.0	*Fermi*-GBM	1	16	47-291	K, IA
bn150811849	...	20:22:13.7490	186.3	-14.1	1.0	IPN	5	64	47-291	K, IA
bn150815604	...	14:29:59.3141	289.9	-25.5	7.0	*Fermi*-GBM	15	2048	47-291	
bn150817087	GRB 150817A	02:05:08.3997	249.6	-12.1	0.1	*Swift*	17	4096	47-291	K, IA, S, Mo
bn150817251	...	06:00:47.7632	31.0	-41.0	2.4	*Fermi*-GBM	8	256	47-291	K
bn150819440	GRB 150819B	10:33:19.4970	59.4	39.7	0.5	IPN	1	16	47-291	K, IA, Mo, ARR
bn150820880	...	21:07:15.6416	258.6	-48.3	15.4	*Fermi*-GBM	12	1024	47-291	
bn150821406	GRB 150821A	09:44:20.3322	341.9	-57.9	0.0	*Swift*	12	1024	47-291	K, IA, S, Mo, ARR
bn150822178	...	04:16:07.5241	144.5	0.8	5.4	*Fermi*-GBM	10	512	47-291	Mo

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn150824079	GRB 150824A	01:53:31.7645	167.6	-56.8	0.1	IPN	5	64	47-291	K, IA, Mo
bn150824125	...	02:59:22.3185	265.7	81.0	4.8	*Fermi*-GBM	17	4096	47-291	
bn150826557	...	13:22:15.6790	318.0	-64.9	5.7	*Fermi*-GBM	11	512	47-291	IA, Mo
bn150827785	...	18:50:12.9693	68.3	-60.0	5.1	*Fermi*-GBM	12	1024	47-291	
bn150828333	...	07:58:55.7672	193.8	65.8	2.3	*Fermi*-GBM	8	256	47-291	
bn150828901	...	21:37:02.0478	94.2	78.6	13.3	*Fermi*-GBM	12	1024	47-291	
bn150830128	...	03:04:32.6251	207.2	-47.8	3.0	*Fermi*-GBM	13	1024	47-291	
bn150831930	GRB 150831B	22:19:27.1580	271.0	-27.3	0.1	*Swift*	4	64	47-291	S
bn150901924	...	22:10:44.4709	16.3	13.5	17.1	*Fermi*-GBM	5	64	47-291	
bn150902733	GRB 150902A	17:35:39.3662	214.9	-69.4	0.1	*Fermi*-LAT	12	1024	47-291	K, L, ARR
bn150904479	...	11:30:20.9560	67.1	-20.4	10.9	*Fermi*-GBM	15	2048	47-291	
bn150906944	...	22:38:47.3068	212.0	1.1	5.2	*Fermi*-GBM	1	16	47-291	IA
bn150908408	...	09:46:58.5206	157.1	-46.4	6.1	*Fermi*-GBM	6	128	47-291	
bn150911315	...	07:32:54.3626	355.3	-2.9	7.3	*Fermi*-GBM	11	512	47-291	
bn150911588	...	14:06:03.6058	33.1	-16.9	3.8	*Fermi*-GBM	10	512	47-291	K
bn150912443	GRB 150912A	10:37:38.7049	248.4	-21.0	0.0	*INTEGRAL*	16	4096	47-291	IS
bn150912600	...	14:24:31.6118	321.4	73.3	6.4	*Fermi*-GBM	7	128	47-291	
bn150913161	...	03:51:57.4267	241.1	-53.8	2.0	*Fermi*-GBM	11	512	47-291	K, Mo
bn150917148	...	03:33:30.7229	37.9	40.9	12.7	*Fermi*-GBM	17	4096	47-291	
bn150919606	...	14:33:18.9003	65.1	71.7	2.6	*Fermi*-GBM	8	256	47-291	K, IA
bn150922234	...	05:37:29.0764	294.4	-5.5	0.2	IPN	1	16	47-291	K, Mo
bn150922718	...	17:13:42.8865	90.6	21.0	10.4	*Fermi*-GBM	16	4096	47-291	
bn150922883	...	21:11:32.7317	274.1	-50.5	12.4	*Fermi*-GBM	13	1024	47-291	
bn150923297	...	07:07:36.1840	316.8	31.8	10.8	*Fermi*-GBM	5	64	47-291	
bn150923429	...	10:18:17.9236	267.8	-40.7	6.4	*Fermi*-GBM	4	64	47-291	
bn150923864	...	20:44:23.6462	67.2	-50.0	5.0	*Fermi*-GBM	7	128	47-291	K
bn150923995	...	23:52:52.5408	92.3	6.5	9.5	*Fermi*-GBM	10	512	47-291	
bn150928359	...	08:37:19.0227	83.8	34.2	4.6	*Fermi*-GBM	12	1024	47-291	
bn151001348	...	08:20:35.1689	246.7	-10.1	1.7	*Fermi*-GBM	14	2048	47-291	
bn151001628	GRB 151001A	15:04:22.4078	233.7	11.0	0.0	*Swift*	17	4096	47-291	S
bn151003729	...	17:29:59.9325	60.3	-66.4	12.6	*Fermi*-GBM	16	4096	47-291	
bn151006413	GRB 151006A	09:54:57.8251	147.4	70.5	0.0	*Swift*	11	512	47-291	K, R, IA, S, As, Mo, L
bn151009949	...	22:47:03.4488	222.0	63.7	13.3	*Fermi*-GBM	16	4096	47-291	
bn151011136	...	03:15:27.2536	258.4	-9.6	2.7	*Fermi*-GBM	11	512	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn151014592	...	14:13:03.5814	0.4	55.1	14.2	*Fermi*-GBM	10	512	47-291	
bn151021791	...	18:59:28.9233	104.3	-11.0	1.2	*Fermi*-GBM	6	128	47-291	K, IA
bn151022577	...	13:51:02.0891	110.4	40.2	21.4	*Fermi*-GBM	4	64	47-291	K, IA
bn151023104[y]	...	02:29:25.1370	359.7	-17.1	16.4	*Fermi*-GBM	15	2048	47-291	
bn151024179	...	04:17:53.5604	232.9	23.0	11.1	*Fermi*-GBM	15	2048	47-291	
bn151026169	...	04:03:06.5591	228.0	-6.1	5.4	*Fermi*-GBM	15	2048	47-291	K, R, S
bn151026523	...	12:32:38.9389	107.4	-73.3	3.6	*Fermi*-GBM	12	1024	47-291	
bn151027166	GRB 151027A	03:58:24.0326	272.5	61.4	0.0	*Swift*	6	128	47-291	K, IA, S, Mo, M
bn151030999	...	23:58:22.6373	297.6	30.9	1.0	*Fermi*-GBM	15	2048	47-291	K, IA
bn151107851	...	20:24:52.2973	31.3	45.6	1.7	*Fermi*-GBM	11	512	47-291	K, Mo, C
bn151111356	GRB 151111A	08:33:20.0285	56.8	-44.2	0.0	*Swift*	15	2048	47-291	S
bn151114645	...	15:28:24.5190	62.1	-47.9	5.8	*Fermi*-GBM	17	4096	47-291	
bn151117442	...	10:36:59.7780	19.6	-64.1	2.1	*Fermi*-GBM	9	256	47-291	K, IA
bn151118554	...	13:18:05.2757	293.0	43.4	3.6	*Fermi*-GBM	9	256	47-291	K
bn151120349	GRB 151120A	08:22:53.7039	157.2	-32.5	0.0	*INTEGRAL*	8	256	47-291	K, Mo, IS
bn151122709	GRB 151122A	17:00:45.0060	299.7	-19.9	0.1	*Swift*	16	4096	47-291	S
bn151126293	...	07:01:17.2385	338.6	30.9	10.1	*Fermi*-GBM	10	512	47-291	
bn151129333	...	08:00:06.0848	60.8	-11.5	5.7	*Fermi*-GBM	12	1024	47-291	
bn151130160	...	03:50:50.0189	136.3	-18.8	5.8	*Fermi*-GBM	10	512	47-291	Mo
bn151202565	...	13:33:49.8082	326.5	-24.7	7.9	*Fermi*-GBM	5	64	47-291	K
bn151205657	GRB 151205A	15:46:01.9006	229.3	35.8	0.1	*Swift*	12	1024	47-291	K, IA, S
bn151210041	...	00:59:16.6432	294.0	-42.7	3.4	*Fermi*-GBM	12	1024	47-291	C
bn151211672	...	16:07:34.5200	262.5	39.3	6.0	*Fermi*-GBM	9	256	47-291	
bn151212030	...	00:42:58.4483	303.8	66.1	3.6	*Fermi*-GBM	8	256	47-291	
bn151212064	...	01:32:04.9718	313.7	58.2	1.7	*Fermi*-GBM	9	256	47-291	K, IA, Mo, C
bn151218857	...	20:33:31.9024	9.4	-30.7	10.8	*Fermi*-GBM	9	256	47-291	
bn151219567	...	13:36:22.8363	351.2	11.4	5.1	*Fermi*-GBM	10	512	47-291	K
bn151222340	...	08:10:13.6240	355.2	36.7	2.9	*Fermi*-GBM	4	64	47-291	K, IA, Mo
bn151227072	...	01:44:07.6924	205.5	65.9	1.5	*Fermi*-GBM	7	128	47-291	K, IA
bn151227218	...	05:13:48.8556	287.9	31.9	1.0	*Fermi*-GBM	4	64	47-291	K, IA, Mo, C
bn151228129	GRB 151228A	03:05:12.4624	214.0	-17.7	0.1	*Swift*	4	64	47-291	IA, S
bn151228949	GRB 151228B	22:47:12.5895	344.4	8.1	0.0	*Swift*	17	4096	47-291	K, S
bn151229285	GRB 151229A	06:50:27.9545	329.4	-20.7	0.0	*Swift*	4	64	47-291	IA, S
bn151229486	...	11:40:06.4685	346.5	6.9	16.1	*Fermi*-GBM	5	64	47-291	IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn151231443	...	10:37:47.5221	65.6	-61.5	1.0	*Fermi*-GBM	8	256	47-291	K, Mo, C
bn151231568	...	13:38:08.1653	150.1	28.8	3.0	*Fermi*-GBM	2	32	47-291	K
bn160101030	GRB 160101A	00:43:53.6101	219.7	-13.8	0.0	*Swift*	6	128	47-291	K, R, IA, S, M, Mo, C
bn160101215	GRB 160101B	05:10:12.8598	1.4	55.2	1.4	*Fermi*-GBM	8	256	47-291	IA, L
bn160102500	...	11:59:22.6283	223.8	6.4	5.8	*Fermi*-GBM	8	256	47-291	
bn160102936	...	22:28:16.9954	143.4	38.8	3.5	*Fermi*-GBM	12	1024	47-291	
bn160104475	GRB 160104A	11:24:13.2196	76.8	11.3	0.0	*Swift*	16	4096	47-291	S
bn160104918	...	22:01:26.7294	280.4	-8.3	6.0	*Fermi*-GBM	8	256	47-291	
bn160106948	...	22:45:30.9289	181.6	17.5	1.1	*Fermi*-GBM	16	4096	47-291	K, IA, Mo
bn160107931	GRB 160107A	22:20:41.5017	299.7	6.4	0.2	MAXI	10	512	47-291	K, IA, M, C, ARR
bn160111115	...	02:45:03.2912	310.2	-32.8	5.7	*Fermi*-GBM	13	1024	47-291	
bn160113398	GRB 160113A	09:32:30.5237	187.3	11.5	1.2	*Fermi*-GBM	15	2048	47-291	K, IA, Mo
bn160118060	...	01:25:42.4497	17.7	59.8	1.5	*Fermi*-GBM	10	512	47-291	K, IA, C
bn160119072	...	01:44:12.5627	232.0	47.2	6.3	*Fermi*-GBM	17	4096	47-291	
bn160123095	...	02:17:25.5833	314.2	-22.2	10.8	*Fermi*-GBM	17	4096	47-291	
bn160125368	...	08:49:30.7557	76.8	13.0	10.9	*Fermi*-GBM	13	1024	47-291	
bn160131116	...	02:46:24.9329	333.7	-41.4	9.2	*Fermi*-GBM	12	1024	47-291	
bn160131174	...	04:09:56.7143	113.0	15.5	4.7	*Fermi*-GBM	15	2048	47-291	
bn160201883	...	21:11:42.9956	312.7	69.3	2.9	*Fermi*-GBM	9	256	47-291	K, IA
bn160206430	...	10:19:12.4313	184.3	52.4	4.2	*Fermi*-GBM	8	256	47-291	
bn160211119	...	02:50:48.2760	123.2	53.4	5.0	*Fermi*-GBM	8	256	47-291	
bn160215773	...	18:33:30.3866	356.8	1.7	3.4	*Fermi*-GBM	17	4096	47-291	K, IA, Mo
bn160216801	...	19:12:54.5118	129.4	13.7	2.8	*Fermi*-GBM	12	1024	47-291	K, IA, Mo
bn160218711	...	17:03:39.4193	33.3	-26.4	9.7	*Fermi*-GBM	15	2048	47-291	
bn160219289	...	06:56:18.1377	1.4	-22.0	20.0	IPN	1	16	47-291	K, IA
bn160219673	...	16:09:47.0350	238.0	33.7	2.6	*Fermi*-GBM	14	2048	47-291	
bn160220059	GRB 160220A	01:25:26.9682	237.0	-18.6	0.0	*Swift*	10	512	47-291	S
bn160220868	...	20:50:12.1105	326.9	6.1	15.8	*Fermi*-GBM	17	4096	47-291	
bn160221993	GRB 160221A	23:49:45.2177	232.1	-28.4	0.0	*INTEGRAL*	15	2048	47-291	IS
bn160222070	...	01:41:23.8345	309.6	-23.8	9.6	*Fermi*-GBM	13	1024	47-291	
bn160223072	GRB 160223A	01:44:22.3866	147.6	9.4	0.1	*Swift*	17	4096	47-291	K, S
bn160223416	GRB 160223B	09:59:01.5084	95.0	33.4	0.0	*INTEGRAL*	6	128	47-291	IA, IS, C
bn160223670	...	16:04:41.0558	18.1	-48.5	4.9	*Fermi*-GBM	8	256	47-291	K, Mo
bn160224911	...	21:51:22.8705	319.9	0.8	9.4	*Fermi*-GBM	6	128	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn160225720	...	17:16:40.2022	80.6	-9.2	1.2	*Fermi*-GBM	13	1024	47-291	
bn160225809	GRB 160225B	19:24:25.3945	150.2	-34.7	1.0	*Fermi*-GBM	17	4096	47-291	K, IA
bn160226913	...	21:54:21.2796	92.3	-2.9	6.1	*Fermi*-GBM	14	2048	47-291	
bn160227831	GRB 160227B	19:57:06.3311	123.4	-48.3	1.3	*Fermi*-GBM	1	16	47-291	K, Mo
bn160228034	...	00:48:52.4911	32.2	39.4	12.4	*Fermi*-GBM	16	4096	47-291	
bn160301215	...	05:10:18.5188	114.4	2.3	3.5	*Fermi*-GBM	11	512	47-291	
bn160303201	...	04:49:32.0844	163.5	56.9	9.1	*Fermi*-GBM	12	1024	47-291	K
bn160303971	...	23:18:32.5601	302.2	-65.7	8.0	*Fermi*-GBM	12	1024	47-291	
bn160308709	...	17:00:39.2713	128.3	20.2	10.8	*Fermi*-GBM	15	2048	47-291	K
bn160310016	GRB 160310A	00:22:58.4682	98.8	-7.1	0.1	*Fermi*-LAT	13	1024	47-291	K, S, L
bn160310291	...	06:59:11.5502	245.6	-34.0	4.4	*Fermi*-GBM	7	128	47-291	
bn160314473	...	11:21:25.4880	162.0	2.8	20.0	*Fermi*-GBM	5	64	47-291	
bn160314929[z]	GRB 160314B	22:17:53.7343	167.6	45.7	0.7	*Fermi*-LAT	13	1024	47-291	L
bn160315739	...	17:44:50.3411	319.9	-22.1	23.0	*Fermi*-GBM	16	4096	47-291	
bn160316139	...	03:19:44.9952	355.3	-52.4	11.6	*Fermi*-GBM	16	4096	47-291	
bn160316573	GRB 160316A	13:45:26.6091	178.1	60.8	3.4	*Fermi*-GBM	12	1024	47-291	K, IA, C
bn160317385	...	09:14:06.1003	95.7	69.0	5.5	*Fermi*-GBM	10	512	47-291	
bn160318342	...	08:12:29.1525	65.7	34.7	3.2	*Fermi*-GBM	14	2048	47-291	
bn160323293	...	07:02:01.5977	33.5	32.0	10.1	*Fermi*-GBM	8	256	47-291	
bn160325291	GRB 160325A	06:59:21.5109	15.7	-72.7	0.0	*Swift*	11	512	47-291	K, S, L, Mo
bn160326062	...	01:29:16.2944	188.1	-82.7	10.2	*Fermi*-GBM	12	1024	47-291	
bn160330827	...	19:51:24.6366	209.7	26.3	4.8	*Fermi*-GBM	15	2048	47-291	
bn160401065	...	01:34:02.5090	290.2	-28.9	2.7	*Fermi*-GBM	8	256	47-291	K, Mo
bn160406023	...	00:32:44.6661	228.9	15.7	6.7	*Fermi*-GBM	17	4096	47-291	
bn160406503	...	12:04:36.7982	261.8	32.3	11.8	IPN	1	16	47-291	K
bn160406570	...	13:40:29.3137	208.5	-76.4	6.4	*Fermi*-GBM	15	2048	47-291	
bn160407673	...	16:08:26.8127	226.8	35.5	3.1	*Fermi*-GBM	9	256	47-291	K
bn160408268	GRB 160408A	06:25:43.8568	122.6	71.1	0.0	*Swift*	4	64	47-291	K, IA, S, C
bn160411062	GRB 160411A	01:28:52.5175	349.4	-40.2	0.0	*Swift*	11	512	47-291	S
bn160416022	...	00:31:35.6797	176.6	-49.5	5.1	*Fermi*-GBM	14	2048	47-291	
bn160419637	GRB 160419A	15:16:35.3890	16.4	-27.3	0.1	*Swift*	15	2048	47-291	K, IA, S, Mo
bn160421137	...	03:17:33.1527	47.2	62.8	1.2	*Fermi*-GBM	10	512	47-291	K
bn160422499	...	11:59:00.8069	41.3	-58.2	1.0	*Fermi*-GBM	4	64	47-291	K, IA, C, ARR
bn160423066	...	01:34:46.1478	355.8	17.5	6.9	*Fermi*-GBM	12	1024	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn160424492	GRB 160424A	11:49:06.4768	319.5	-60.6	0.0	*Swift*	9	256	47-291	K, S
bn160428412	...	09:53:17.7623	28.2	-26.5	8.8	*Fermi*-GBM	8	256	47-291	
bn160503567	GRB 160503A	13:36:32.0083	0.5	-1.9	0.5	*Fermi*-LAT	11	512	47-291	L
bn160508290	...	06:57:59.6495	28.7	36.3	8.4	*Fermi*-GBM	13	1024	47-291	
bn160509374	GRB 160509A	08:58:46.2193	310.1	76.0	0.5	*Fermi*-LAT	10	512	47-291	K, IA, L, C, M, Mo, ARR
bn160512199	...	04:45:59.7307	240.7	-33.1	2.0	*Fermi*-GBM	12	1024	47-291	
bn160512536	...	12:52:09.5258	207.6	53.3	5.1	*Fermi*-GBM	17	4096	47-291	
bn160513553	...	13:16:18.6049	273.6	-54.4	16.7	Fermi, GBM FSW	10	512	47-291	
bn160513962	...	23:05:03.5525	288.8	28.4	11.5	*Fermi*-GBM	15	2048	47-291	
bn160515819	...	19:38:41.0371	80.6	-16.3	3.4	*Fermi*-GBM	16	4096	47-291	
bn160516237	...	05:41:47.3094	310.8	-55.3	2.3	Fermi, GBM FSW	8	256	47-291	K, IA
bn160518039	...	00:55:52.6504	275.1	82.4	2.2	Fermi, GBM FSW	17	4096	47-291	K, Mo
bn160518985	...	23:37:58.4466	265.8	50.0	4.0	*Fermi*-GBM	12	1024	47-291	
bn160519012	GRB 160519A	00:17:33.5499	71.1	31.2	0.1	*Swift*	8	256	47-291	S
bn160519060	...	01:26:39.1883	138.1	-33.0	3.1	Fermi, GBM FSW	10	512	47-291	
bn160519677	...	16:15:03.8505	276.9	21.5	6.8	*Fermi*-GBM	15	2048	47-291	
bn160521385	GRB 160521B	09:13:58.0287	148.2	79.0	0.2	*Fermi*-LAT	4	64	47-291	K, IA, L, Mo, ARR
bn160521839	...	20:07:53.8725	72.5	-13.7	4.4	*Fermi*-GBM	11	512	47-291	IA
bn160522445	...	10:41:01.2515	104.7	21.2	2.5	Fermi, GBM FSW	15	2048	47-291	
bn160523919	...	22:03:37.1285	261.1	-13.4	3.7	*Fermi*-GBM	12	1024	47-291	
bn160527080	...	01:55:37.3229	218.4	6.7	6.6	Fermi, GBM FSW	12	1024	47-291	
bn160528276	...	06:37:40.3243	114.5	-62.1	6.5	*Fermi*-GBM	15	2048	47-291	
bn160530667	GRB 160530B	16:01:11.8285	133.5	43.5	1.0	Fermi, GBM FSW	11	512	47-291	K, IA, C, ARR
bn160603719	...	17:15:56.0755	195.4	-23.0	8.8	*Fermi*-GBM	7	128	47-291	IA
bn160605847	...	20:19:29.7635	111.0	-19.8	4.9	Fermi, GBM FSW	4	64	47-291	K, IA, Mo
bn160609690	...	16:33:16.6361	24.4	45.0	10.4	Fermi, GBM FSW	9	256	47-291	
bn160609941	...	22:34:51.2170	70.3	-51.1	8.4	Fermi, GBM FSW	8	256	47-291	
bn160612842	GRB 160612A	20:12:47.5492	348.4	-25.4	0.1	*Swift*	2	32	47-291	K, IA, S, ARR
bn160621497	...	11:55:55.8415	307.5	-9.5	9.1	*Fermi*-GBM	10	512	47-291	Mo
bn160623209[A]	GRB 160623A	05:00:34.2261	315.2	42.3	0.1	*Fermi*-LAT	16	4096	47-291	K, IA, L, C
bn160624477	GRB 160624A	11:27:01.3526	330.2	29.6	0.1	*Swift*	5	64	47-291	IA, S
bn160625230	...	05:31:55.3861	314.5	-73.3	3.4	Fermi, GBM FSW	14	2048	47-291	
bn160625240	...	05:45:55.9057	127.1	-30.3	5.5	*Fermi*-GBM	8	256	47-291	
bn160625945[B]	GRB 160625B	22:40:16.2754	308.6	6.9	0.0	*Swift*	5	64	47-291	IA, S, C, Mo, L, ARR

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn160625952[B]	GRB 160625B	22:51:16.0317	308.6	6.9	0.0	*Swift*	12	1024	47-291	
bn160628136	...	03:16:21.2878	87.9	38.2	8.5	*Fermi*-GBM	11	512	47-291	IA
bn160628579	...	13:53:37.4671	278.3	16.1	4.2	Fermi, GBM FSW	7	128	47-291	K, C
bn160629930	GRB 160629A	22:19:38.2823	4.9	77.0	0.0	*INTEGRAL*	12	1024	47-291	K, IA, IS, Mo
bn160709370	...	08:52:30.4561	266.4	57.8	3.0	Fermi, GBM FSW	15	2048	47-291	
bn160709826	GRB 160709A	19:49:03.5122	236.1	-28.5	0.2	*Fermi*-LAT	4	64	47-291	K, L, Mo, As, C
bn160710233	...	05:35:34.8044	41.5	-9.0	10.3	*Fermi*-GBM	13	1024	47-291	
bn160711968	...	23:13:26.4607	15.1	14.9	19.3	Fermi, GBM FSW	13	1024	47-291	
bn160714097	GRB 160714A	02:19:15.6181	234.5	63.8	0.1	*Swift*	5	64	47-291	S
bn160716144	...	03:26:50.2961	189.6	-68.0	4.4	Fermi, GBM FSW	16	4096	47-291	
bn160717813	...	19:31:15.2276	297.8	0.3	2.2	*Fermi*-GBM	13	1024	47-291	K, Mo
bn160718975	...	23:24:28.8036	99.4	47.5	1.8	*Fermi*-GBM	10	512	47-291	
bn160720275	...	06:35:19.6273	330.1	-16.7	4.8	*Fermi*-GBM	13	1024	47-291	
bn160720767	GRB 160720A	18:23:56.9987	58.2	73.9	0.8	IPN	10	512	47-291	K, IA, Mo, Lo, As, C, ARR
bn160721806	...	19:20:58.6100	38.2	34.5	3.3	*Fermi*-GBM	4	64	47-291	K, IA, C
bn160724444	...	10:40:02.6546	56.4	16.2	1.2	Fermi, GBM FSW	5	64	47-291	K, IA, Mo
bn160726065	GRB 160726A	01:34:07.7181	98.8	-6.6	0.1	*Swift*	1	16	47-291	K, IA, S, C
bn160727971	...	23:17:49.2688	146.0	16.4	3.9	*Fermi*-GBM	8	256	47-291	
bn160728337	...	08:05:13.0921	337.0	5.8	13.4	*Fermi*-GBM	17	4096	47-291	
bn160731024	...	00:35:06.8745	118.7	6.2	9.9	*Fermi*-GBM	10	512	47-291	
bn160802259	GRB 160802A	06:13:29.6326	35.3	72.7	1.0	Fermi, GBM FSW	5	64	47-291	K, IA, Mo, C, As, Lo, ARR
bn160804065	GRB 160804A	01:34:16.0381	221.6	10.0	0.0	*Swift*	16	4096	47-291	S
bn160804180	GRB 160804B	04:18:43.2442	122.9	50.3	6.7	*Fermi*-GBM	1	16	47-291	C
bn160804775	...	18:35:18.0694	72.2	41.3	1.9	*Fermi*-GBM	13	1024	47-291	
bn160804968	...	23:13:33.8208	93.3	-7.7	6.1	*Fermi*-GBM	5	64	47-291	
bn160806584	GRB 160806A	14:00:58.4205	274.5	10.6	0.5	IPN	6	128	47-291	K, IA, Mo
bn160813297	...	07:07:03.1340	323.0	47.9	10.8	Fermi, GBM FSW	13	1024	47-291	
bn160814622	...	14:54:58.3817	21.7	56.5	16.1	Fermi, GBM FSW	13	1024	47-291	
bn160815299	...	07:11:16.0100	31.8	74.4	8.1	*Fermi*-GBM	15	2048	47-291	
bn160815490	GRB 160815A	11:45:11.6368	288.7	84.3	0.0	*Swift*	9	256	47-291	S, C, Mo
bn160816414	...	09:55:49.7074	25.3	43.7	19.1	Fermi, GBM FSW	10	512	47-291	
bn160816730	GRB 160816A	17:30:57.9750	322.4	37.1	0.0	*Swift*	4	64	47-291	K, IA, S, Mo, As, L, ARR
bn160818198	...	04:44:52.8973	104.3	-19.2	4.8	Fermi, GBM FSW	11	512	47-291	
bn160818230	...	05:30:53.5423	163.6	37.4	7.8	Fermi, GBM FSW	5	64	47-291	K

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn160819852	GRB 160819A	20:27:35.4893	114.1	-22.3	0.1	*Swift*	16	4096	47-291	K, IA, S, ARR
bn160820496	GRB 160820A	11:54:10.6462	11.3	24.9	2.3	IPN	4	64	47-291	K, IA
bn160821857	GRB 160821A	20:34:30.0389	171.2	42.3	0.1	*Swift*	12	1024	47-291	K, IA, S, L, Mo, C, As, ARR
bn160821937	GRB 160821B	22:29:13.3330	280.0	62.4	0.1	*Swift*	4	64	47-291	S
bn160822672	GRB 160822A	16:07:40.0100	272.1	3.6	0.5	IPN	1	16	47-291	K, IA, ARR
bn160824598	GRB 160824B	14:21:12.9380	73.1	68.1	1.0	Fermi, GBM FSW	5	64	47-291	K, IA, Mo, C, Lo, As
bn160825799	...	19:10:49.4457	329.5	8.2	6.0	Fermi, GBM FSW	10	512	47-291	IA
bn160826938	...	22:30:50.8782	104.5	-1.0	14.4	Fermi, GBM FSW	12	1024	47-291	
bn160827586	...	14:03:30.8925	155.2	-55.9	2.3	*Fermi*-GBM	14	2048	47-291	IA
bn160827616	...	14:46:27.9301	129.1	6.4	15.5	*Fermi*-GBM	8	256	47-291	
bn160827837	...	20:04:51.0194	317.4	31.1	5.8	Fermi, GBM FSW	14	2048	47-291	IA
bn160829334	...	08:01:37.6428	200.9	-55.9	0.5	*Fermi*-LAT	5	64	47-291	L
bn160831411	...	09:52:33.1576	302.9	24.1	2.5	Fermi, GBM FSW	9	256	47-291	IA
bn160905471	GRB 160905A	11:18:55.9124	162.2	-50.8	0.1	*Swift*	14	2048	47-291	K, IA, S, L, ARR
bn160908136	...	03:15:23.8446	241.5	2.4	6.9	Fermi, GBM FSW	12	1024	47-291	
bn160909061	...	01:27:56.3597	242.7	-51.2	2.7	Fermi, GBM FSW	11	512	47-291	
bn160910722	GRB 160910A	17:19:39.1544	221.4	39.1	0.0	*Swift*	13	1024	47-291	K, IA, L, As, C, XRT, ARR
bn160912350	...	08:24:10.6012	183.3	-60.0	5.3	*Fermi*-GBM	9	256	47-291	K, IA
bn160912521	...	12:30:47.0052	342.5	24.7	3.6	Fermi, GBM FSW	12	1024	47-291	K, IA
bn160912674	GRB 160912A	16:10:11.3904	301.5	57.6	0.0	*Swift*	11	512	47-291	S
bn160917456	GRB 160917B	10:56:11.8592	201.4	20.9	3.7	Fermi, GBM FSW	12	1024	47-291	K, IA, Mo, As, Lo
bn160917479	GRB 160917A	11:30:19.2856	295.7	46.4	0.0	*Swift*	6	128	47-291	IA, S, As, Lo
bn160917921	...	22:05:37.7132	145.7	23.0	19.5	*Fermi*-GBM	15	2048	47-291	
bn160919613	...	14:43:21.6376	266.1	-80.2	4.9	*Fermi*-GBM	8	256	47-291	
bn160919858	...	20:35:37.6108	326.3	21.4	3.2	Fermi, GBM FSW	14	2048	47-291	
bn160920249	...	05:58:20.2369	326.1	1.4	4.4	Fermi, GBM FSW	10	512	47-291	
bn160921087	...	02:05:12.2520	257.0	-22.7	6.3	*Fermi*-GBM	12	1024	47-291	
bn160922856	...	20:32:28.4764	348.1	43.6	10.1	*Fermi*-GBM	15	2048	47-291	
bn160924253	...	06:04:09.0393	97.1	71.3	11.9	*Fermi*-GBM	17	4096	47-291	IA
bn160925221	...	05:18:56.4509	348.4	-20.4	5.4	Fermi, GBM FSW	14	2048	47-291	
bn160928825	GRB 160928A	19:48:03.6782	130.4	8.1	3.2	Fermi, GBM FSW	8	256	47-291	K, IA, Mo, P
bn160929529	...	12:41:28.3632	340.2	22.8	9.3	*Fermi*-GBM	10	512	47-291	
bn161001045	GRB 161001A	01:05:16.7182	71.9	-57.3	0.0	*Swift*	6	128	47-291	K, IA, S, Mo
bn161004964	GRB 161004B	23:07:54.7874	112.2	-39.9	0.0	*Swift*	10	512	47-291	K, IA, S, C, As, ARR

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn161005977	...	23:26:42.9319	239.4	11.1	4.3	*Fermi*-GBM	17	4096	47-291	
bn161007009	...	00:13:21.7320	129.6	7.8	11.4	Fermi, GBM FSW	14	2048	47-291	
bn161009651	...	15:38:07.1923	111.8	12.6	4.3	Fermi, GBM FSW	13	1024	47-291	
bn161012214	...	05:07:50.8963	330.3	17.6	12.7	*Fermi*-GBM	13	1024	47-291	
bn161012416	...	09:58:23.0718	0.3	13.6	7.1	*Fermi*-GBM	12	1024	47-291	
bn161012637	...	15:17:14.8536	160.4	-74.3	8.2	Fermi, GBM FSW	8	256	47-291	
bn161013948	...	22:44:40.1016	109.3	-7.9	5.0	Fermi, GBM FSW	8	256	47-291	
bn161014522	...	12:31:15.9135	332.6	7.5	0.0	*Swift*	17	4096	47-291	K, IA, S
bn161015400	...	09:36:01.1042	170.4	58.2	15.1	*Fermi*-GBM	6	128	47-291	
bn161015710	GRB 161015A	17:03:07.0420	269.1	30.2	0.2	*Fermi*-LAT	6	128	47-291	K, IA, Mo, L, As, Lo, ARR
bn161017745	GRB 161017A	17:52:08.2642	142.8	43.1	0.1	*Swift*	9	256	47-291	K, IA, S, Mo, Lo
bn161020024	GRB 161020A	00:34:46.9508	161.0	-54.8	0.0	*INTEGRAL*	17	4096	47-291	IS
bn161020759	GRB 161020B	18:13:12.9376	66.1	-75.7	1.2	Fermi, GBM FSW	15	2048	47-291	K, IA, Mo
bn161020767	...	18:24:44.5178	32.6	-58.2	3.6	Fermi, GBM FSW	7	128	47-291	IA, Mo
bn161022114	GRB 161022A	02:43:45.9209	129.0	54.3	0.0	*Swift*	17	4096	47-291	S
bn161026373	...	08:57:16.2808	67.7	41.8	11.7	Fermi, GBM FSW	1	16	47-291	
bn161105417	...	10:00:48.9563	249.2	-65.2	5.7	Fermi, GBM FSW	11	512	47-291	K, IA
bn161106499	GRB 161106A	11:57:53.6167	202.1	64.9	1.5	Fermi, GBM FSW	8	256	47-291	K, Mo, C, Lo
bn161106786	...	18:51:41.0715	284.5	-60.6	6.6	Fermi, GBM FSW	11	512	47-291	
bn161109263	GRB 161109A	06:18:45.6647	157.9	61.8	0.3	*Fermi*-LAT	13	1024	47-291	K, L, Lo, C
bn161110179	...	04:17:51.7387	254.9	-60.6	9.0	Fermi, GBM FSW	13	1024	47-291	IA
bn161111197	...	04:43:10.4602	208.6	32.6	4.5	Fermi, GBM FSW	12	1024	47-291	
bn161112496	...	11:54:29.9008	278.8	8.6	5.8	Fermi, GBM FSW	11	512	47-291	
bn161115745	...	17:52:31.6244	351.6	58.1	8.4	*Fermi*-GBM	4	64	47-291	
bn161117066	...	01:35:31.3568	322.0	-29.6	0.0	*Swift*	9	256	47-291	K, S, Mo
bn161119633	...	15:11:06.4031	47.2	-47.2	3.3	*Fermi*-GBM	12	1024	47-291	
bn161121186	...	04:27:37.2996	130.4	39.7	17.8	*Fermi*-GBM	9	256	47-291	
bn161125931	...	22:20:20.7249	59.4	28.1	4.6	*Fermi*-GBM	15	2048	47-291	IA
bn161128216	...	05:11:45.3000	262.4	-46.0	10.0	*Fermi*-GBM	8	256	47-291	
bn161129300	GRB 161129A	07:11:39.9599	316.2	32.1	0.0	*Swift*	5	64	47-291	K, IA, S, As, P
bn161201342	...	08:12:57.4708	348.7	-17.1	4.0	*Fermi*-GBM	10	512	47-291	Mo
bn161205561	GRB 161205A	13:27:18.2694	319.0	47.7	1.0	*Fermi*-GBM	12	1024	47-291	IA, P
bn161206064	GRB 161206A	01:32:28.0770	0.9	-34.0	1.0	*Fermi*-GBM	11	512	47-291	K, Mo
bn161207224	GRB 161207B	05:22:47.6978	294.8	-9.9	18.0	Fermi, GBM FSW	12	1024	47-291	IA, P

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn161207813[C]	...	19:31:22.4682	58.8	15.7	6.5	*Fermi*-GBM	17	4096	47-291	
bn161210524	GRB 161210A	12:33:54.3544	283.1	63.0	10.1	*Fermi*-GBM	8	256	47-291	IA, P
bn161212652	GRB 161212A	15:38:59.3793	24.9	68.2	8.5	*Fermi*-GBM	9	256	47-291	IA, P
bn161213295	GRB 161213A	07:05:02.8631	238.6	-40.1	2.9	*Fermi*-GBM	15	2048	47-291	IA, P
bn161214722	GRB 161214B	17:20:11.2253	3.8	7.3	0.0	*Swift*	9	256	47-291	S, Mo
bn161217128	GRB 161217B	03:03:45.7861	216.6	52.0	7.6	*Fermi*-GBM	15	2048	47-291	P
bn161218222	...	05:19:23.1783	105.2	-19.7	5.8	*Fermi*-GBM	3	32	47-291	K, IA, Mo
bn161218356	GRB 161218B	08:32:40.6467	358.6	-16.9	1.0	Fermi, GBM FSW	12	1024	47-291	K, IA, Mo, P, As, ARR
bn161220605	...	14:31:36.4289	138.0	-29.2	2.1	*Fermi*-GBM	14	2048	47-291	K, IA
bn161227498	...	11:57:18.2141	79.5	39.2	4.9	*Fermi*-GBM	9	256	47-291	
bn161228032	GRB 161228C	00:46:19.6246	115.8	25.8	3.1	Fermi, GBM FSW	17	4096	47-291	IA, P
bn161228388	...	09:19:13.2230	260.7	-56.1	11.5	Fermi, GBM FSW	14	2048	47-291	
bn161228405	GRB 161228A	09:43:25.5794	358.4	-24.6	5.6	Fermi, GBM FSW	8	256	47-291	P
bn161228553	GRB 161228B	13:15:41.8465	129.3	43.7	2.2	Fermi, GBM FSW	8	256	47-291	IA, P
bn161229878	GRB 161229A	21:03:48.8206	81.0	6.3	1.0	Fermi, GBM FSW	8	256	47-291	K, P
bn161230298	...	07:09:25.7921	295.0	-51.2	10.9	*Fermi*-GBM	4	64	47-291	
bn161230511	GRB 161230A	12:16:08.2694	324.1	-9.0	4.0	Fermi, GBM FSW	8	256	47-291	P
bn170101116	GRB 170101B	02:47:17.8673	70.6	-1.6	1.2	Fermi, GBM FSW	6	128	47-291	As, P, Lo
bn170101374	...	08:58:33.9091	157.5	28.9	9.1	Fermi, GBM FSW	10	512	47-291	
bn170106968	...	23:13:49.8246	39.4	-32.7	27.2	*Fermi*-GBM	15	2048	47-291	
bn170109137	GRB 170109A	03:17:35.3781	117.2	-10.9	2.8	*Fermi*-GBM	8	256	47-291	K, Mo, P
bn170110967	...	23:12:51.0302	49.6	12.1	7.2	Fermi, GBM FSW	11	512	47-291	
bn170111760	...	18:14:36.1246	117.6	61.5	14.7	*Fermi*-GBM	5	64	47-291	
bn170111815	...	19:34:01.3858	270.9	63.7	6.7	Fermi, GBM FSW	4	64	47-291	
bn170112970	GRB 170112B	23:16:09.1165	207.8	-61.8	9.2	Fermi, GBM FSW	8	256	47-291	P
bn170113420	GRB 170113A	10:04:10.1096	61.7	-71.9	0.0	*Swift*	17	4096	47-291	S
bn170114833	GRB 170114B	19:59:12.4878	137.9	-28.5	1.4	Fermi, GBM FSW	9	256	47-291	K, Mo, P
bn170114917	GRB 170114A	22:01:09.4952	12.1	-12.6	1.0	Fermi, GBM FSW	4	64	47-291	K, Mo, P, ARR
bn170115662	...	15:52:36.9331	81.6	-18.7	7.2	Fermi, GBM FSW	13	1024	47-291	
bn170115743	GRB 170115B	17:49:14.0338	189.1	-46.9	0.3	*Fermi*-LAT	5	64	47-291	K, IA, Mo, A, L, As, C, ARR
bn170116238	...	05:43:15.2592	72.9	-87.4	9.4	*Fermi*-GBM	12	1024	47-291	
bn170119228	...	05:27:51.7378	111.6	50.4	4.4	Fermi, GBM FSW	17	4096	47-291	
bn170120471	GRB 170120A	11:18:31.7308	262.8	12.6	3.8	*Fermi*-GBM	8	256	47-291	P
bn170121067	GRB 170121A	01:36:53.6406	3.0	-75.6	4.1	Fermi, GBM FSW	4	64	47-291	K, IA, P, As

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170121133	...	03:10:52.0246	242.0	13.8	9.1	Fermi, GBM FSW	5	64	47-291	
bn170121614	GRB 170121B	14:44:22.4139	72.8	-12.7	1.8	Fermi, GBM FSW	17	4096	47-291	K, IA, As
bn170124238	...	05:42:12.0567	291.7	69.6	2.6	Fermi, GBM FSW	12	1024	47-291	K
bn170124528	...	12:40:29.0316	10.9	11.0	3.8	Fermi, GBM FSW	5	64	47-291	
bn170124874	GRB 170124A	20:58:06.3578	282.0	-75.5	1.0	Fermi, GBM FSW	10	512	47-291	K, C, P
bn170125022	...	00:31:13.7041	264.1	28.6	12.6	Fermi, GBM FSW	15	2048	47-291	
bn170125102	...	02:27:10.3072	359.4	-38.2	26.6	*Fermi*-GBM	4	64	47-291	
bn170126480	GRB 170126A	11:30:41.5368	263.6	-64.8	0.0	*Swift*	8	256	47-291	K, S, As
bn170127067	GRB 170127C	01:35:47.7905	339.3	-63.9	0.4	*Fermi*-LAT	1	16	47-291	K, IA, A, L, P, As, ARR
bn170127634	GRB 170127B	15:13:28.7695	20.0	-30.4	0.0	*Swift*	1	16	47-291	S
bn170130302	GRB 170130A	07:14:44.6806	271.1	-29.1	5.4	Fermi, GBM FSW	11	512	47-291	P
bn170130510	...	12:13:48.1673	308.8	1.4	3.1	Fermi, GBM FSW	8	256	47-291	
bn170130697	...	16:43:13.2958	296.4	-80.5	10.7	*Fermi*-GBM	17	4096	47-291	
bn170131969	GRB 170131A	23:14:59.3578	341.4	64.0	0.1	*Swift*	10	512	47-291	K, S, P
bn170203486	...	11:40:25.8549	245.1	-0.5	14.1	Fermi, GBM FSW	4	64	47-291	
bn170205521	...	12:30:19.6662	287.0	66.7	5.0	Fermi, GBM FSW	7	128	47-291	
bn170206453	GRB 170206A	10:51:57.6960	212.8	14.5	0.8	*Fermi*-LAT	4	64	47-291	K, IA, Mo, L, P, ARR
bn170207906	GRB 170207A	21:45:03.6727	315.7	55.7	6.1	IPN	8	256	47-291	K, IA, P, As
bn170208553	GRB 170208C	13:16:33.2738	284.4	-0.1	2.5	Fermi, GBM FSW	15	2048	47-291	K, IA, Mo, P
bn170208758	GRB 170208A	18:11:16.3970	166.6	-46.8	0.0	*Swift*	4	64	47-291	K, IA, S, As
bn170208940	GRB 170208B	22:33:36.5321	127.1	-9.0	0.0	*Swift*	11	512	47-291	K, S
bn170209048	GRB 170209A	01:08:38.0768	110.8	-52.2	0.0	IPN	11	512	47-291	K, IA, Mo, As
bn170210116	GRB 170210A	02:47:36.5759	226.1	-65.1	3.3	IPN	17	4096	47-291	K, Mo, P
bn170212034	...	00:49:00.2578	155.1	-1.5	7.6	*Fermi*-GBM	8	256	47-291	IA
bn170214649	GRB 170214A	15:34:26.9242	256.3	-1.9	0.1	*Fermi*-LAT	10	512	47-291	K, IA, Mo, L, ARR
bn170219002	GRB 170219A	00:03:07.1230	54.8	50.1	1.4	IPN	3	32	47-291	K, IA, PLO, C
bn170219110	...	02:38:04.7515	78.7	-41.2	10.2	Fermi, GBM FSW	12	1024	47-291	
bn170222209	GRB 170222A	05:00:59.0803	293.0	28.2	0.8	IPN	1	16	47-291	K, IA, Mo, C
bn170228773	GRB 170228B	18:33:00.3644	355.9	15.7	3.2	*Fermi*-GBM	11	512	47-291	C, P
bn170228794	GRB 170228A	19:03:00.7103	239.6	-3.6	0.3	*Fermi*-LAT	5	64	47-291	K, Mo, L, As
bn170301812	...	19:28:41.0451	278.6	-45.4	12.3	Fermi, GBM FSW	15	2048	47-291	
bn170302166	...	03:58:24.2823	154.2	29.4	12.2	*Fermi*-GBM	12	1024	47-291	
bn170302719	...	17:15:43.5195	198.5	-3.7	9.9	*Fermi*-GBM	12	1024	47-291	
bn170302876	...	21:01:14.1653	11.9	6.4	5.2	Fermi, GBM FSW	15	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170304003	GRB 170304A	00:04:26.0705	330.5	-73.8	6.7	Fermi, GBM FSW	1	16	47-291	IA, Mo, ARR
bn170305256	GRB 170305A	06:09:06.7844	38.7	12.1	3.7	Fermi, GBM FSW	1	16	47-291	K, IA, P, ARR
bn170306130	...	03:07:17.9172	157.9	27.8	2.3	*Fermi*-GBM	12	1024	47-291	
bn170306588	GRB 170306B	14:07:22.2726	154.6	51.6	0.6	*Fermi*-LAT	11	512	47-291	K, IA, Mo, L, P, ARR
bn170307851	GRB 170307A	20:25:17.4948	13.5	9.5	0.1	*Swift*	15	2048	47-291	S
bn170308221	...	05:17:59.3756	216.4	-46.3	1.2	*Fermi*-GBM	12	1024	47-291	K, IA, Mo
bn170310417	...	09:59:50.5437	218.3	54.0	13.7	*Fermi*-GBM	8	256	47-291	
bn170310883	...	21:11:43.6429	156.7	41.6	9.8	Fermi, GBM FSW	14	2048	47-291	
bn170313125	...	03:00:28.5331	359.6	29.3	6.3	Fermi, GBM FSW	14	2048	47-291	
bn170315582	GRB 170315A	13:57:56.7294	230.4	60.3	9.2	*Fermi*-GBM	11	512	47-291	P
bn170316710	...	17:02:19.3652	178.3	21.3	2.4	Fermi, GBM FSW	15	2048	47-291	K
bn170317666	...	15:59:26.1905	308.1	-53.8	4.8	Fermi, GBM FSW	12	1024	47-291	K, IA
bn170318644	GRB 170318B	15:27:53.0882	284.3	6.3	0.0	*Swift*	11	512	47-291	S
bn170323058	...	01:23:23.2687	145.2	-39.0	9.6	*Fermi*-GBM	12	1024	47-291	
bn170323775	...	18:36:28.7356	348.8	-66.8	3.0	*Fermi*-GBM	10	512	47-291	
bn170325331	GRB 170325A	07:56:58.0410	127.5	20.5	0.0	*Swift*	4	64	47-291	S
bn170326489	...	11:44:38.2553	305.0	0.6	11.3	Fermi, GBM FSW	12	1024	47-291	
bn170329387	GRB 170329A	09:17:06.9389	356.6	9.8	0.6	*Fermi*-LAT	5	64	47-291	K, IA, Mo, L, As
bn170402285	GRB 170402A	06:50:54.3915	330.4	-10.6	1.6	Fermi, GBM FSW	9	256	47-291	K, Mo, C, As
bn170402961	...	23:03:25.2910	307.9	-45.9	5.6	Fermi, GBM FSW	8	256	47-291	
bn170403583	GRB 170403A	13:59:17.7975	259.3	18.4	0.7	IPN	1	16	47-291	K, IA
bn170403707	GRB 170403B	16:57:33.2460	246.0	41.8	2.3	*Fermi*-GBM	9	256	47-291	K, IA, C
bn170405777	GRB 170405A	18:39:22.8858	219.8	-25.2	0.1	*Swift*	12	1024	47-291	K, IA, S, L, ARR
bn170409112	GRB 170409A	02:42:00.4899	347.6	-7.1	0.2	*Fermi*-LAT	8	256	47-291	K, IA, L, ARR
bn170412917	...	22:00:47.1643	201.8	25.3	2.8	Fermi, GBM FSW	9	256	47-291	K, IA, C
bn170412988	GRB 170412A	23:42:55.6798	164.4	22.0	2.9	Fermi, GBM FSW	4	64	47-291	K, IA, C
bn170414551	...	13:13:16.2135	43.5	75.9	2.3	Fermi, GBM FSW	7	128	47-291	Mo
bn170416583	...	14:00:05.8516	284.2	-57.0	3.7	*Fermi*-GBM	13	1024	47-291	K, IA
bn170419898	GRB 170419B	21:33:46.8070	60.5	-15.1	0.1	*Swift*	11	512	47-291	S
bn170419983	...	23:36:14.8758	264.9	-11.2	5.7	Fermi, GBM FSW	12	1024	47-291	
bn170422343	...	08:13:54.6232	188.6	16.8	1.2	Fermi, GBM FSW	5	64	47-291	K, Mo
bn170423719	GRB 170423A	17:15:08.3512	344.3	-4.3	1.2	Fermi, GBM FSW	14	2048	47-291	K
bn170423872	...	20:55:23.3075	209.6	26.4	2.5	Fermi, GBM FSW	13	1024	47-291	K
bn170424425	GRB 170424A	10:12:30.7543	343.5	-45.2	0.4	*Fermi*-LAT	10	512	47-291	K, IA, Mo, L

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170428136	...	03:16:17.4583	4.8	56.2	7.5	*Fermi*-GBM	16	4096	47-291	
bn170429799	...	19:11:12.5967	259.7	-32.8	1.8	Fermi, GBM FSW	12	1024	47-291	Mo, C
bn170430204	...	04:54:19.7466	34.9	-15.2	62.4	*Fermi*-GBM	5	64	47-291	
bn170501467	...	11:11:53.7901	97.0	13.7	2.7	Fermi, GBM FSW	12	1024	47-291	Mo
bn170504734	...	17:37:30.9854	292.8	27.6	9.7	*Fermi*-GBM	8	256	47-291	
bn170506169	...	04:02:48.2011	112.3	51.9	9.7	Fermi, GBM FSW	4	64	47-291	
bn170510217	GRB 170510A	05:12:25.7346	159.9	-39.3	0.3	*Fermi*-LAT	12	1024	47-291	K, IA, L, C, As, ARR
bn170511249	GRB 170511A	05:59:11.9161	300.6	33.3	0.3	MAXI	11	512	47-291	K, IA, M, C, As
bn170511477	...	11:26:55.1231	94.9	56.6	6.8	*Fermi*-GBM	12	1024	47-291	
bn170511648	...	15:33:05.2645	160.0	77.2	16.5	Fermi, GBM FSW	14	2048	47-291	
bn170514152	...	03:38:38.2122	142.7	71.9	12.0	Fermi, GBM FSW	5	64	47-291	
bn170514180	GRB 170514A	04:18:38.8848	122.1	-25.3	2.2	Fermi, GBM FSW	13	1024	47-291	K, C
bn170516808	...	19:24:06.0039	12.3	-6.4	14.5	*Fermi*-GBM	13	1024	47-291	
bn170520202	...	04:51:12.7004	244.5	-5.3	16.5	Fermi, GBM FSW	11	512	47-291	
bn170521882	...	21:10:46.8251	81.5	63.5	9.7	Fermi, GBM FSW	13	1024	47-291	
bn170522657	GRB 170522A	15:45:35.2818	139.3	25.7	0.2	*Fermi*-LAT	9	256	47-291	K, IA, Mo, L, XRT, ARR
bn170527480	GRB 170527A	11:31:02.3737	195.2	0.9	1.0	*Fermi*-GBM	7	128	47-291	K, Mo, ARR
bn170530581	...	13:56:12.7863	117.2	14.6	5.4	*Fermi*-GBM	16	4096	47-291	
bn170604603	...	14:28:05.0863	340.4	40.7	4.1	*Fermi*-GBM	5	64	47-291	K
bn170606968	GRB 170606A	23:14:17.4245	123.2	43.9	3.1	*Fermi*-GBM	11	512	47-291	K, C
bn170607946	GRB 170607B	22:41:58.9469	246.7	-39.2	0.6	IPN	15	2048	47-291	K, IA, Mo, As
bn170607971	GRB 170607A	23:17:59.5666	7.3	9.2	0.1	*Swift*	9	256	47-291	IA, S, C
bn170610689	GRB 170610B	16:31:47.6435	68.9	46.5	2.6	*Fermi*-GBM	8	256	47-291	K, Mo
bn170611937	...	22:29:35.4236	173.6	-7.4	5.6	*Fermi*-GBM	17	4096	47-291	
bn170614255	...	06:06:41.4526	70.6	37.9	3.5	*Fermi*-GBM	16	4096	47-291	IA, Mo
bn170614486	GRB 170614A	11:39:46.6581	220.7	47.5	1.9	*Fermi*-GBM	10	512	47-291	K, IA, Mo, C, As
bn170614505	...	12:06:38.7159	311.0	-37.9	15.2	*Fermi*-GBM	14	2048	47-291	
bn170616047	...	01:07:42.9063	132.2	-3.9	7.0	*Fermi*-GBM	12	1024	47-291	
bn170616165	...	03:58:07.4830	49.5	19.7	12.1	*Fermi*-GBM	13	1024	47-291	
bn170618475	...	11:24:41.0525	14.8	26.7	2.0	*Fermi*-GBM	15	2048	47-291	K, Mo
bn170621784	...	18:49:28.3800	76.1	-26.4	10.4	*Fermi*-GBM	14	2048	47-291	
bn170625692	...	16:35:47.4540	106.7	-69.3	8.0	*Fermi*-GBM	16	4096	47-291	
bn170626401	GRB 170626A	09:37:21.9545	165.4	56.5	0.1	*Swift*	8	256	47-291	K, S, In
bn170627931	...	22:21:00.5070	36.5	-58.7	11.9	*Fermi*-GBM	12	1024	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170629537	GRB 170629A	12:53:31.6266	130.0	-46.6	0.1	*Swift*	14	2048	47-291	S
bn170705115	GRB 170705A	02:45:51.0318	191.7	18.3	0.0	*Swift*	15	2048	47-291	K, IA, S, In, As
bn170705200	...	04:48:30.1039	359.5	-21.9	2.1	*Fermi*-GBM	12	1024	47-291	
bn170705244	...	05:50:45.3568	237.6	-7.4	8.6	*Fermi*-GBM	14	2048	47-291	
bn170708046	GRB 170708A	01:06:11.2557	335.8	19.8	0.5	IPN	1	16	47-291	K, IA, In
bn170709334	...	08:00:23.9794	310.0	2.2	7.5	*Fermi*-GBM	9	256	47-291	
bn170710340	GRB 170710B	08:10:07.9957	43.1	42.7	0.0	*Swift*	12	1024	47-291	S
bn170711019	...	00:26:52.7760	66.7	-30.7	15.0	*Fermi*-GBM	13	1024	47-291	
bn170711713	...	17:06:36.4770	278.6	17.2	8.0	*Fermi*-GBM	8	256	47-291	
bn170711931	GRB 170711A	22:20:25.3029	45.8	47.8	0.1	*Swift*	10	512	47-291	S
bn170714049	...	01:10:51.1231	18.2	29.5	5.3	*Fermi*-GBM	5	64	47-291	
bn170715878	...	21:04:13.3142	287.2	-16.6	7.8	*Fermi*-GBM	16	4096	47-291	
bn170717952	...	22:51:21.9502	337.7	41.1	8.2	*Fermi*-GBM	12	1024	47-291	
bn170718152	...	03:39:30.1678	102.3	-35.0	7.3	*Fermi*-GBM	15	2048	47-291	
bn170722525	...	12:36:13.8268	50.0	14.3	4.5	*Fermi*-GBM	8	256	47-291	
bn170723076	...	01:49:10.4048	135.9	-19.4	12.9	*Fermi*-GBM	14	2048	47-291	
bn170723677	...	16:15:27.8552	22.1	62.7	12.6	*Fermi*-GBM	14	2048	47-291	
bn170723882	...	21:10:18.2522	212.6	39.8	14.6	*Fermi*-GBM	13	1024	47-291	
bn170724543	...	13:02:30.8996	172.0	49.6	5.2	*Fermi*-GBM	10	512	47-291	
bn170726249	...	05:58:15.4196	166.4	-34.0	2.8	*Fermi*-GBM	9	256	47-291	
bn170726794	GRB 170726A	19:02:59.9758	297.8	6.6	3.5	*Fermi*-GBM	4	64	47-291	K, IA, In, As
bn170727841	...	20:10:57.7813	218.9	-61.8	8.9	*Fermi*-GBM	14	2048	47-291	
bn170728961	GRB 170728B	23:03:19.4344	238.0	70.1	0.0	*Swift*	4	64	47-291	K, IA, S, L, ARR
bn170730133	...	03:11:44.5870	323.9	-29.8	4.2	*Fermi*-GBM	13	1024	47-291	
bn170731751	...	18:01:39.7497	245.2	64.3	6.3	*Fermi*-GBM	14	2048	47-291	
bn170801690	...	16:33:43.3963	343.2	-41.8	9.1	*Fermi*-GBM	15	2048	47-291	
bn170802638	GRB 170802A	15:18:24.8013	52.3	-39.2	2.0	*Fermi*-GBM	4	64	47-291	K, Mo, ARR
bn170803172	...	04:07:15.7478	76.5	24.0	13.3	*Fermi*-GBM	14	2048	47-291	
bn170803415	...	09:57:44.2558	352.7	-46.3	4.2	*Fermi*-GBM	12	1024	47-291	
bn170803729	GRB 170803A	17:30:27.1118	174.9	-16.3	0.0	*Swift*	4	64	47-291	K, S, Mo
bn170804911	...	21:52:21.4569	261.3	34.1	3.9	*Fermi*-GBM	14	2048	47-291	
bn170805901	...	21:37:49.5889	244.0	36.4	13.5	*Fermi*-GBM	13	1024	47-291	
bn170808065	...	01:34:09.3896	3.3	62.3	2.0	*Fermi*-GBM	10	512	47-291	
bn170808936	GRB 170808B	22:27:43.0982	145.7	2.2	0.3	*Fermi*-LAT	10	512	47-291	K, IA, Mo, L, ARR

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170810918	GRB 170810A	22:01:41.5847	187.9	3.7	0.0	*Swift*	8	256	47-291	S, L
bn170813051	GRB 170813A	01:13:08.8033	201.1	-5.5	0.0	*Swift*	11	512	47-291	S
bn170816258	...	06:11:11.8799	10.7	-15.6	4.0	*Fermi*-GBM	15	2048	47-291	
bn170816599	GRB 170816A	14:23:03.9550	350.8	12.9	0.5	IPN	1	16	47-291	K, IA, C
bn170817529	GRB 170817A	12:41:06.4746	197.4	-23.4	0.0	Known Source	8	256	47-291	IA, GW
bn170817908	GRB 170817B	21:47:34.4339	83.0	50.1	3.7	*Fermi*-GBM	2	32	47-291	K, In
bn170818137	...	03:17:19.9794	297.2	6.3	11.5	*Fermi*-GBM	4	64	47-291	
bn170821265	...	06:22:00.8478	252.9	19.1	4.0	*Fermi*-GBM	14	2048	47-291	
bn170825307	...	07:22:01.4186	274.4	-26.2	3.2	*Fermi*-GBM	12	1024	47-291	K, IA, Mo
bn170825500	...	12:00:05.9975	3.6	20.1	3.8	*Fermi*-GBM	11	512	47-291	K, IA
bn170825784	...	18:49:11.0414	116.3	-48.7	2.2	*Fermi*-GBM	14	2048	47-291	
bn170826369	GRB 170826A	08:51:07.5142	64.3	21.1	0.9	IPN	1	16	47-291	K
bn170826819	GRB 170826B	19:38:56.4785	327.7	-31.8	1.0	*Fermi*-GBM	12	1024	47-291	K, IA, Mo, In, ARR
bn170827818	GRB 170827B	19:38:04.4647	48.8	-65.4	6.5	*Fermi*-GBM	10	512	47-291	K, IA
bn170829414	...	09:56:30.5793	340.1	-28.2	3.2	*Fermi*-GBM	10	512	47-291	
bn170829674	...	16:10:03.1576	326.6	40.7	3.6	*Fermi*-GBM	9	256	47-291	K
bn170830069	...	01:38:44.2266	353.0	18.3	4.6	*Fermi*-GBM	13	1024	47-291	
bn170830135	GRB 170830A	03:14:01.9487	267.2	-2.0	0.1	MAXI	10	512	47-291	M, As
bn170830328	GRB 170830B	07:51:51.1126	219.9	32.4	4.1	*Fermi*-GBM	15	2048	47-291	K, IA, C
bn170831179	GRB 170831A	04:18:11.1316	158.7	49.8	1.6	*Fermi*-GBM	14	2048	47-291	K, Mo, ARR
bn170901007	...	00:10:03.0192	24.0	-1.6	18.4	*Fermi*-GBM	12	1024	47-291	
bn170901255	...	06:07:47.4527	117.5	-13.2	7.6	*Fermi*-GBM	8	256	47-291	
bn170901345	...	08:16:54.3773	135.4	-24.8	12.2	*Fermi*-GBM	15	2048	47-291	IA
bn170903534	GRB 170903A	12:49:07.7894	254.5	35.0	0.0	*Swift*	8	256	47-291	S
bn170906030	GRB 170906A	00:43:08.1517	204.0	-47.1	0.0	*Swift*	10	512	47-291	K, IA, S, L, Mo, In, As, C
bn170906039	GRB 170906B	00:55:40.8513	232.2	-28.3	0.0	*Swift*	13	1024	47-291	S
bn170906485	...	11:38:16.8386	34.9	-62.3	6.6	*Fermi*-GBM	14	2048	47-291	
bn170910368	...	08:50:00.3584	197.6	-29.7	6.6	*Fermi*-GBM	14	2048	47-291	
bn170911267	GRB 170911A	06:24:22.7936	72.1	30.9	0.4	MAXI	14	2048	47-291	M
bn170912273	GRB 170912B	06:33:46.9139	215.5	-62.0	0.0	*Swift*	6	128	47-291	S
bn170912985	GRB 170912C	23:38:12.6725	83.6	7.2	16.5	*Fermi*-GBM	4	64	47-291	In
bn170915161	...	03:51:30.1566	120.3	-38.4	1.2	*Fermi*-GBM	11	512	47-291	K
bn170915520	...	12:28:16.2661	259.8	-10.6	5.8	*Fermi*-GBM	5	64	47-291	
bn170916700	...	16:47:31.3318	98.4	7.2	7.9	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn170918139	...	03:20:22.8797	36.6	3.5	17.8	*Fermi*-GBM	4	64	47-291	
bn170921168	GRB 170921B	04:02:11.5109	132.4	57.1	1.0	IPN	6	128	47-291	K, IA, Mo, As
bn170923101	...	02:25:00.8000	120.1	-35.3	4.9	*Fermi*-GBM	10	512	47-291	
bn170923188	...	04:31:05.4370	221.5	81.2	5.0	*Fermi*-GBM	9	256	47-291	IA
bn170923566	...	13:35:34.0513	228.3	-10.8	14.8	*Fermi*-GBM	16	4096	47-291	
bn170926528	...	12:39:41.2251	146.5	-5.6	8.2	*Fermi*-GBM	10	512	47-291	
bn170926782	...	18:46:05.1643	344.1	-26.2	5.1	*Fermi*-GBM	6	128	47-291	
bn170928607	...	14:34:47.2648	304.1	35.7	8.2	*Fermi*-GBM	8	256	47-291	
bn170929513	...	12:18:59.2654	192.9	32.3	2.6	*Fermi*-GBM	10	512	47-291	
bn170929699	...	16:46:16.2380	28.0	21.0	3.9	*Fermi*-GBM	13	1024	47-291	Mo
bn171002969	...	23:15:13.1530	176.2	18.0	6.9	*Fermi*-GBM	9	256	47-291	
bn171004672	...	16:07:16.4206	82.2	-25.7	1.6	*Fermi*-GBM	12	1024	47-291	K
bn171004857	...	20:33:35.3824	26.6	-62.1	6.6	*Fermi*-GBM	11	512	47-291	
bn171007498	GRB 171007A	11:57:39.9041	135.5	42.8	0.0	*Swift*	12	1024	47-291	S
bn171008080	...	01:54:38.8944	232.6	24.0	12.9	*Fermi*-GBM	9	256	47-291	IA
bn171009138	...	03:18:20.6376	348.1	42.3	5.1	*Fermi*-GBM	12	1024	47-291	
bn171010792	GRB 171010A	19:00:50.5763	66.6	-10.5	0.0	*Swift*	15	2048	47-291	K, IA, L, As, ARR
bn171010875	GRB 171010B	20:59:26.4758	34.1	-54.4	0.0	*Swift*	14	2048	47-291	S
bn171011162	...	03:52:44.7865	147.9	-9.8	5.5	*Fermi*-GBM	15	2048	47-291	
bn171011810	...	19:26:27.9460	177.0	26.9	16.0	*Fermi*-GBM	8	256	47-291	
bn171013350	GRB 171013B	08:24:42.1084	171.3	-26.6	1.0	*Fermi*-GBM	16	4096	47-291	Mo, C
bn171017823	...	19:44:43.2322	185.3	38.9	5.5	*Fermi*-GBM	17	4096	47-291	
bn171020813	...	19:30:32.6055	234.6	-70.2	28.4	*Fermi*-GBM	15	2048	47-291	
bn171022085	...	02:03:03.6534	254.5	-21.0	3.7	*Fermi*-GBM	15	2048	47-291	
bn171022885	GRB 171022A	21:14:20.7697	217.1	11.9	2.5	*Fermi*-GBM	5	64	47-291	K, IA, Mo
bn171023097	...	02:19:46.3195	325.4	-30.4	6.2	*Fermi*-GBM	14	2048	47-291	
bn171024977	...	23:27:19.6284	210.5	-68.9	18.8	*Fermi*-GBM	17	4096	47-291	
bn171025213	...	05:06:54.1461	232.7	42.3	18.6	*Fermi*-GBM	8	256	47-291	
bn171025416	...	09:59:00.1077	98.0	-1.8	16.4	*Fermi*-GBM	12	1024	47-291	
bn171025913	...	21:54:53.0109	338.2	-61.5	14.1	*Fermi*-GBM	16	4096	47-291	
bn171029020	...	00:28:49.0915	198.2	-54.2	9.5	*Fermi*-GBM	13	1024	47-291	
bn171030729	...	17:29:45.1222	74.1	-19.6	23.4	*Fermi*-GBM	4	64	47-291	
bn171102107	GRB 171102A	02:33:35.9888	187.7	54.0	0.9	*Fermi*-LAT	8	256	47-291	K, IA, L, C, ARR
bn171103655	...	15:43:50.7698	5.7	-0.4	4.6	*Fermi*-GBM	14	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn171106498	GRB 171106A	11:56:49.2721	274.1	43.1	3.1	*Fermi*-GBM	6	128	47-291	K, IA, Mo, C
bn171108656	GRB 171108a	15:44:46.5041	110.0	29.1	4.9	IPN	1	16	47-291	K, ARR
bn171112868	GRB 171112A	20:50:17.1507	20.5	-59.7	0.2	MAXI	6	128	47-291	K, IA, M, Mo
bn171117515	...	12:21:38.8680	196.8	-33.0	2.8	*Fermi*-GBM	9	256	47-291	K, Mo
bn171119992	GRB 171119A	23:48:27.1721	135.5	-47.0	1.0	*Fermi*-GBM	9	256	47-291	K, Mo, As
bn171120556	GRB 171120A	13:20:02.3717	163.8	22.5	0.0	*Swift*	5	64	47-291	K, S, L, Mo, C, As, In, ARR
bn171124235	GRB 171124A	05:37:56.5047	335.5	35.2	0.2	*Fermi*-LAT	7	128	47-291	K, L, C, As, In
bn171126216	...	05:10:30.5128	348.4	-2.1	3.9	*Fermi*-GBM	11	512	47-291	
bn171126235	GRB 171126A	05:38:43.7086	237.8	46.8	3.3	*Fermi*-GBM	5	64	47-291	K, As, ARR
bn171201068	...	01:37:40.1944	212.8	23.1	3.0	*Fermi*-GBM	13	1024	47-291	Mo
bn171202113	...	02:42:26.8580	103.0	38.7	2.7	*Fermi*-GBM	8	256	47-291	K
bn171206122	...	02:55:44.9368	9.5	-78.2	6.0	*Fermi*-GBM	12	1024	47-291	
bn171207055	...	01:18:42.4518	314.4	51.7	9.5	*Fermi*-GBM	5	64	47-291	
bn171207809	...	19:24:24.1722	219.4	-38.1	5.5	*Fermi*-GBM	8	256	47-291	Mo
bn171208733	...	17:35:49.6954	125.5	9.1	7.6	*Fermi*-GBM	9	256	47-291	
bn171209671	...	16:06:35.2076	239.1	-21.3	3.6	*Fermi*-GBM	15	2048	47-291	
bn171210493	GRB 171210A	11:49:15.2606	335.3	24.4	0.1	*Fermi*-LAT	10	512	47-291	K, L, Mo, C, ARR
bn171211844	...	20:15:58.5330	78.1	1.1	7.1	*Fermi*-GBM	14	2048	47-291	Mo
bn171212222	...	05:20:14.5315	61.5	24.2	3.3	*Fermi*-GBM	8	256	47-291	
bn171212434	GRB 171212B	10:24:18.5128	39.4	-70.6	0.4	*Fermi*-LAT	16	4096	47-291	L
bn171212948	...	22:44:40.4341	107.3	56.6	9.9	*Fermi*-GBM	15	2048	47-291	
bn171213061	...	01:27:25.0040	150.4	36.1	7.4	*Fermi*-GBM	17	4096	47-291	
bn171215705	GRB 171215A	16:55:25.4488	19.7	34.7	4.7	*Fermi*-GBM	16	4096	47-291	C, In
bn171219279	...	06:42:17.0789	269.6	-18.0	8.7	*Fermi*-GBM	4	64	47-291	IA
bn171222684	...	16:25:10.5422	148.3	35.6	0.0	*Swift*	17	4096	47-291	IA, S
bn171223818	GRB 171223A	19:38:15.0729	115.8	-33.5	6.2	*Fermi*-GBM	6	128	47-291	K, Mo, As, In
bn171227000	GRB 171227A	00:00:13.4019	280.7	-35.0	1.0	*Fermi*-GBM	9	256	47-291	K, IA, Mo, A, As
bn171230048	GRB 171230A	01:09:48.7549	246.7	13.1	2.1	*Fermi*-GBM	8	256	47-291	K, Mo, C
bn171230119	...	02:51:26.1414	325.3	-12.3	14.8	*Fermi*-GBM	4	64	47-291	
bn171230955	GRB 171230B	22:55:29.7545	89.5	-27.8	1.1	*Fermi*-GBM	17	4096	47-291	K, IA, In
bn180102660	GRB 180102A	15:49:47.2092	203.1	62.2	0.0	*Swift*	17	4096	47-291	S
bn180103090	...	02:09:12.1180	25.4	28.0	7.0	*Fermi*-GBM	1	16	47-291	IA
bn180110608	...	14:35:59.2185	126.3	51.3	30.1	*Fermi*-GBM	13	1024	47-291	
bn180111815	...	19:34:00.4953	177.2	2.9	8.1	*Fermi*-GBM	15	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn180112842	...	20:12:28.3404	173.9	23.1	6.7	*Fermi*-GBM	9	256	47-291	IA
bn180113011	GRB 180113B	00:16:00.4705	6.7	24.0	1.1	IPN	4	64	47-291	K, IA, In, As
bn180113116	GRB 180113A	02:47:06.1356	19.2	68.7	0.1	*Swift*	9	256	47-291	K, IA, S, As, C, ARR
bn180113418	GRB 180113C	10:02:05.4065	174.6	-64.7	1.0	*Fermi*-GBM	15	2048	47-291	K, IA, Mo, In, ARR
bn180116026	GRB 180116A	00:36:52.8070	215.7	19.0	0.1	MAXI	12	1024	47-291	IA, C, M
bn180116678	...	16:16:03.6553	48.2	-13.3	2.9	*Fermi*-GBM	15	2048	47-291	
bn180119837	...	20:04:52.2927	348.7	-15.0	2.5	*Fermi*-GBM	6	128	47-291	K
bn180120207	GRB 180120A	04:58:13.0005	151.8	27.8	1.0	*Fermi*-GBM	6	128	47-291	K, C, As
bn180122129	...	03:05:39.8702	26.4	-41.1	7.9	*Fermi*-GBM	10	512	47-291	
bn180123820	...	19:40:49.7736	124.9	30.0	16.8	*Fermi*-GBM	5	64	47-291	
bn180124392	...	09:23:55.1719	330.9	-41.9	3.5	*Fermi*-GBM	10	512	47-291	
bn180125891	...	21:22:24.1933	213.3	-52.7	1.0	*Fermi*-GBM	14	2048	47-291	K, Mo
bn180126095	GRB 180126A	02:16:31.3629	305.6	43.5	1.2	*Fermi*-GBM	8	256	47-291	K, IA, Mo, C
bn180127049	...	01:11:12.9136	20.5	25.8	5.0	*Fermi*-GBM	17	4096	47-291	
bn180127879	...	21:05:56.4910	259.0	3.7	7.0	*Fermi*-GBM	15	2048	47-291	
bn180128215	...	05:09:56.5979	12.3	-26.1	5.7	*Fermi*-GBM	1	16	47-291	
bn180128252	...	06:03:22.6874	71.3	-9.0	2.6	*Fermi*-GBM	15	2048	47-291	K, Mo
bn180128881	...	21:09:19.4565	323.2	-13.6	9.2	*Fermi*-GBM	13	1024	47-291	
bn180130049	...	01:10:47.6928	273.3	-2.3	3.7	*Fermi*-GBM	14	2048	47-291	K, Mo
bn180130744	...	17:51:26.7907	136.8	52.7	68.1	*Fermi*-GBM	7	128	47-291	
bn180131528	...	12:39:52.1020	307.1	-43.7	7.9	*Fermi*-GBM	9	256	47-291	
bn180201706	...	16:55:58.5992	251.3	-43.5	7.9	*Fermi*-GBM	2	32	47-291	
bn180201780	...	18:43:45.4970	75.8	52.5	9.2	*Fermi*-GBM	4	64	47-291	
bn180204109	GRB 180204A	02:36:16.9262	330.1	30.8	0.0	*Swift*	1	16	47-291	K, S
bn180205184	GRB 180205A	04:25:25.3925	126.8	11.5	0.0	*Swift*	17	4096	47-291	S
bn180205323	...	07:45:04.1427	204.7	-16.5	4.8	*Fermi*-GBM	14	2048	47-291	
bn180206203	...	04:52:03.0019	230.7	20.4	7.6	*Fermi*-GBM	4	64	47-291	
bn180208764	...	18:20:50.2987	196.6	8.2	5.1	*Fermi*-GBM	12	1024	47-291	
bn180210517	GRB 180210A	12:24:38.5483	1.8	18.6	0.0	*Swift*	12	1024	47-291	K, L, In, As, ARR
bn180210991	...	23:46:28.3857	112.8	-27.4	2.4	*Fermi*-GBM	9	256	47-291	K
bn180211754	...	18:06:28.4203	202.9	33.5	9.2	*Fermi*-GBM	16	4096	47-291	
bn180218635	GRB 180218A	15:14:05.4882	47.2	46.7	4.4	*Fermi*-GBM	14	2048	47-291	K, IA, Mo, As, C, In
bn180219482	...	11:34:12.6127	86.2	32.3	1.0	*Fermi*-GBM	15	2048	47-291	K, Mo, C
bn180222239	...	05:44:02.2939	55.0	13.2	1.5	*Fermi*-GBM	14	2048	47-291	Mo

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn180225417	...	10:00:54.1754	181.0	-9.5	7.5	*Fermi*-GBM	11	512	47-291	
bn180227211	...	05:04:16.5605	98.6	-5.4	6.9	*Fermi*-GBM	4	64	47-291	IA
bn180305393	GRB 180305A	09:26:08.6614	49.7	32.1	0.1	*Fermi*-LAT	10	512	47-291	K, L, Mo, C, As
bn180306479	...	11:29:27.9507	190.2	-14.1	9.9	*Fermi*-GBM	14	2048	47-291	
bn180306973	...	23:20:33.9335	21.3	-20.3	5.9	*Fermi*-GBM	14	2048	47-291	
bn180307073	...	01:44:44.8729	127.3	24.5	3.0	*Fermi*-GBM	16	4096	47-291	Mo
bn180309322	...	07:43:10.6151	186.1	34.5	2.1	*Fermi*-GBM	15	2048	47-291	
bn180311074	...	01:45:53.3012	54.0	-35.8	6.0	*Fermi*-GBM	11	512	47-291	
bn180313978	GRB 180313A	23:28:17.5285	317.5	-26.6	5.7	*Fermi*-GBM	1	16	47-291	ARR
bn180314030	GRB 180314A	00:43:19.8984	99.3	-24.5	0.0	*Swift*	6	128	47-291	K, S, As
bn180330891	...	21:23:15.5218	164.2	83.9	3.7	*Fermi*-GBM	8	256	47-291	K, IA
bn180401280	...	06:42:43.7833	126.7	7.0	1.6	*Fermi*-GBM	12	1024	47-291	Mo
bn180401846	...	20:17:36.6905	166.6	-41.4	1.5	*Fermi*-GBM	12	1024	47-291	K, IA, Mo
bn180402406	GRB 180402A	09:44:59.3675	251.9	-15.0	0.1	*Swift*	1	16	47-291	K, IA, S
bn180402481	...	11:32:11.6261	338.6	-27.8	7.7	*Fermi*-GBM	4	64	47-291	IA
bn180403565	...	13:32:54.9562	109.0	-0.2	2.7	*Fermi*-GBM	14	2048	47-291	
bn180404091	GRB 180404B	02:11:38.6437	53.4	-50.2	0.0	*Swift*	10	512	47-291	K, S, Mo, As
bn180404848	...	20:20:31.5584	101.7	12.6	8.5	*Fermi*-GBM	7	128	47-291	
bn180405169	...	04:02:53.0613	123.6	-33.5	2.2	*Fermi*-GBM	9	256	47-291	Mo
bn180409346	GRB 180409A	08:18:18.6697	178.2	36.0	1.0	*Fermi*-GBM	6	128	47-291	K, IA, Mo, C
bn180410336	GRB 180410A	08:03:27.7924	96.0	12.8	0.0	*Swift*	15	2048	47-291	S
bn180411519	GRB 180411A	12:27:40.9688	356.8	66.8	0.1	*Swift*	14	2048	47-291	K, S, Mo, C
bn180411546	...	13:06:53.7934	284.1	-33.4	10.1	*Fermi*-GBM	17	4096	47-291	
bn180412425	...	10:12:06.0081	62.3	-59.0	1.0	*Fermi*-GBM	12	1024	47-291	IA, Mo
bn180413118	...	02:49:43.2328	168.2	-31.6	1.2	*Fermi*-GBM	17	4096	47-291	IA, Mo
bn180416340	GRB 180416A	08:09:26.4694	116.3	-48.6	1.0	*Fermi*-GBM	13	1024	47-291	K, IA, Mo, As
bn180416924	GRB 180416B	22:10:11.5071	353.5	74.6	2.1	*Fermi*-GBM	8	256	47-291	K, C, As
bn180417689	...	16:32:45.6536	309.2	-19.5	8.1	*Fermi*-GBM	4	64	47-291	IA
bn180418281	GRB 180418A	06:44:06.2817	170.1	24.9	0.0	*Swift*	4	64	47-291	IA, S
bn180420031	...	00:45:09.9193	93.5	-28.3	4.0	*Fermi*-GBM	14	2048	47-291	
bn180420107	...	02:33:54.6273	83.2	-25.2	4.5	*Fermi*-GBM	10	512	47-291	
bn180423033	...	00:47:03.6567	208.7	9.8	6.7	*Fermi*-GBM	14	2048	47-291	IA
bn180423266	...	06:23:40.7608	81.3	-27.3	5.7	*Fermi*-GBM	10	512	47-291	
bn180426005	...	00:06:42.3961	251.2	81.4	2.8	*Fermi*-GBM	16	4096	47-291	IA

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn180426549	...	13:11:00.8463	202.4	58.2	1.6	*Fermi*-GBM	6	128	47-291	K, Mo
bn180427442	GRB 180427A	10:37:03.0436	283.3	70.3	1.0	*Fermi*-GBM	6	128	47-291	K, IA, Mo, As
bn180428102	...	02:27:15.3091	92.1	54.8	3.0	*Fermi*-GBM	11	512	47-291	K, IA, Mo
bn180504136	...	03:15:53.8302	220.2	38.7	1.0	*Fermi*-GBM	16	4096	47-291	K, IA, Mo
bn180505540	GRB 180505A	12:57:09.9075	4.5	-59.9	1.2	*Fermi*-GBM	10	512	47-291	K, Mo, As
bn180506077	...	01:50:25.5594	249.4	5.1	3.2	*Fermi*-GBM	13	1024	47-291	
bn180506902	...	21:38:58.9048	61.2	-0.8	6.7	*Fermi*-GBM	8	256	47-291	
bn180511364	...	08:43:35.7857	250.4	-8.2	15.1	*Fermi*-GBM	1	16	47-291	IA
bn180511437	...	10:29:52.6058	257.8	9.1	10.2	*Fermi*-GBM	8	256	47-291	
bn180511606	...	14:32:18.9855	262.0	-1.2	8.2	*Fermi*-GBM	13	1024	47-291	
bn180513815	...	19:34:02.1397	225.4	39.5	10.0	*Fermi*-GBM	16	4096	47-291	
bn180515814	...	19:32:24.3127	138.6	73.9	1.0	*Fermi*-GBM	10	512	47-291	K, IA, Mo
bn180516229	...	05:29:47.1406	267.9	-28.8	6.1	*Fermi*-GBM	10	512	47-291	Mo
bn180517309	...	07:24:21.3800	284.4	32.0	3.7	*Fermi*-GBM	12	1024	47-291	
bn180521935	...	22:26:57.2419	102.2	53.3	20.5	*Fermi*-GBM	17	4096	47-291	
bn180522607	...	14:34:38.6684	300.1	-16.5	5.6	*Fermi*-GBM	8	256	47-291	
bn180522678	...	16:16:37.4123	348.4	43.8	1.9	*Fermi*-GBM	11	512	47-291	K
bn180523782	...	18:46:28.1069	168.4	49.5	12.9	*Fermi*-GBM	4	64	47-291	IA
bn180524416	...	09:58:26.3121	140.1	-39.0	5.6	*Fermi*-GBM	11	512	47-291	
bn180524920	...	22:05:02.3716	83.8	30.1	11.9	*Fermi*-GBM	10	512	47-291	
bn180525151	...	03:37:59.0822	103.3	19.9	14.9	*Fermi*-GBM	4	64	47-291	
bn180528371	...	08:53:42.3561	284.7	-65.0	6.7	*Fermi*-GBM	16	4096	47-291	
bn180528465	...	11:09:49.0316	206.5	30.2	14.5	*Fermi*-GBM	17	4096	47-291	
bn180602938	GRB 180602B	22:31:05.3417	86.1	-62.8	1.8	*Fermi*-GBM	1	16	47-291	
bn180605458	GRB 180605A	10:59:25.1766	47.5	-48.0	1.2	IPN	9	256	47-291	K, IA, Mo, As
bn180606730	...	17:31:38.6159	261.6	-35.7	23.6	*Fermi*-GBM	8	256	47-291	
bn180610377	...	09:03:13.1816	205.5	-36.9	6.4	*Fermi*-GBM	17	4096	47-291	
bn180610568	...	13:38:27.5108	287.8	7.4	5.5	*Fermi*-GBM	6	128	47-291	Mo
bn180610791	...	18:58:48.6675	308.6	34.3	2.2	*Fermi*-GBM	12	1024	47-291	
bn180611145	GRB 180611A	03:29:01.4606	51.6	-47.9	1.7	*Fermi*-GBM	8	256	47-291	K, IA, Mo, As
bn180612785	...	18:50:07.4505	15.5	15.1	1.2	*Fermi*-GBM	6	128	47-291	K, Mo
bn180614327	...	07:51:04.1214	52.2	-75.2	11.1	*Fermi*-GBM	17	4096	47-291	
bn180615462	...	11:05:56.3165	55.8	78.3	1.0	*Fermi*-GBM	8	256	47-291	K, IA, Mo
bn180617872	...	20:55:23.4635	106.9	24.9	8.2	*Fermi*-GBM	6	128	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]
bn180618030	GRB 180618A	00:43:13.1150	169.9	73.8	0.0	*Swift*	1	16	47-291	K, IA, S, Mo, As
bn180618724	...	17:22:06.2522	317.2	7.2	5.3	*Fermi*-GBM	11	512	47-291	K, IA, Mo
bn180620354	...	08:29:23.2982	144.4	12.4	3.9	*Fermi*-GBM	25	64	23-47	
bn180620660	GRB 180620B	15:50:36.0548	357.5	-58.0	0.0	*Swift*	12	1024	47-291	K, S, As
bn180622273	...	06:32:42.4982	201.6	-76.4	12.5	*Fermi*-GBM	12	1024	47-291	
bn180622578	...	13:52:42.1633	106.5	77.1	2.2	*Fermi*-GBM	16	4096	47-291	
bn180623849	...	20:22:30.2496	199.4	-4.3	1.0	*Fermi*-GBM	9	256	47-291	K, C
bn180625941	...	22:34:41.7091	39.1	-62.3	6.4	*Fermi*-GBM	4	64	47-291	IA
bn180626392	GRB 180626C	09:23:50.6480	285.1	44.8	8.2	*Fermi*-GBM	5	64	47-291	K, IA
bn180630335	...	08:02:59.0633	133.1	-69.9	3.3	*Fermi*-GBM	10	512	47-291	Mo
bn180630467	GRB 180630A	11:11:54.4055	49.0	-87.5	0.0	*Swift*	13	1024	47-291	Mo
bn180701469	GRB 180701A	11:15:04.5104	200.5	-16.4	2.1	*Fermi*-GBM	8	256	47-291	IA, Mo
bn180703876	GRB 180703A	21:01:40.4950	6.5	-67.1	0.3	*Fermi*-LAT	14	2048	47-291	K, IA, L, Mo, As
bn180703949	GRB 180703B	22:46:51.3173	96.9	-29.9	0.4	*Fermi*-LAT	5	64	47-291	K, IA, L, Mo, C
bn180706351	GRB 180706A	08:25:09.0259	181.6	66.0	0.0	*Swift*	12	1024	47-291	K, IA, S, Mo
bn180709099	...	02:22:03.4651	329.2	-26.7	3.7	*Fermi*-GBM	9	256	47-291	K, IA, Mo
bn180710062	...	01:28:38.7096	200.7	-32.2	6.7	*Fermi*-GBM	15	2048	47-291	

Table 5 continued on next page

Table 5 *(continued)*

Trigger ID[a]	GRB Name[a]	Time (UT)	α (°)	δ (°)	Error (°)	Location Source	Algorithm	Timescale (ms)	Energy (keV)	Other Detections[b]

[a] Other instrument detections: Mo: Mars Observer , K: Konus-Wind, R: *RHESSI*, IA: *INTEGRAL* SPI-ACS, IS: *INTEGRAL* IBIS-ISGRI, S: *Swift*, Me: *Messenger*, W: *Suzaku*, A: *AGILE*, M: *MAXI*, L: *Fermi* LAT, Nu: *NuSTAR*, ARR: Autonomous Repoint Requests by GBM FSW.

[b] GRB091024A triggered GBM twice.

[c] GRB120801 There is a delayed emission at T_0+ ∼400 s.

[d] GRB121123A GBM did not trigger on pre-trigger which triggered *Swift*; T_{90} is incorrect.

[e] GRB121217A *Swift* triggered ∼12 min before T_0. This GRB has several episodes well separated in time. Hence $T_{90}$is possibly incorrect.

[f] GRB130206A *Swift*-BAT triggered at 07:17:20 UT on first emission period of GRB130206A, GBM on the second pulse at *Swift* T_0+56 s.

[g] GRB130307A possible precursors of this trigger were unobservable since it triggered soon after SAA exit.

[h] GRB130604B *Fermi* enters SAA ∼105 s after trigger.

[i] GRB130907 *Fermi* enters SAA ∼130 s after trigger.

[j] GRB130909 *Fermi* enters SAA ∼53 s after trigger.

[k] GRB130925A triggered GBM twice.

[l] GRB131028 This GRB triggrered during a X-1.0 Solar Flare.

[m] GRB131108 A second GRB131108A occurred ∼225 s after this GRB triggered.

[n] GRB131123 This GRB triggrered during a M1.0 Solar Flare.

[o] GRB140115 *Fermi* enters SAA ∼50 s after trigger.

[p] GRB140219 *Fermi* enters SAA ∼9 s after trigger.

[q] GRB140329A *Fermi* enters SAA ∼120 s after trigger.

[r] GRB140404 There is a precursor at T_0-70s.

[s] GRB140430 *Fermi* enters SAA ∼155 s after trigger.

[t] GRB140501A *Fermi* enters SAA ∼60 s after trigger

[u] GRB140517 *Fermi* enters SAA ∼65 s after trigger.

[v] GRB140627 *Fermi* enters SAA ∼190 s after trigger.

[w] GRB141031 *Swift* sees another pulse at 900 s after trigger. Not seen by GBM.

[x] GRB150201A triggered GBM twice.

[y] GRB151023 *Swift* sees another pulse at 900 s after trigger. Not seen by GBM.

[z] GRB160314B Trigger was 60 s after SAA exit. Possibly occulted.

[A] GRB160623A Known to be occulted (by Swift observation).

[B] GRB160625B triggered GBM twice.

[C] GRB161207 May be occulted before trigger.

Table 6. GRB Durations (50–300 keV)

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn080714086	3+4+8	5.376 ± 2.360	-0.768	2.816 ± 0.810	-0.256
bn080714425	0+9+10	40.192 ± 1.145	-4.352	11.776 ± 1.619	-1.280
bn080714745	5	59.649 ± 11.276	-0.512	25.088 ± 7.940	2.560
bn080715950	0+1+2+9+10	7.872 ± 0.272	0.128	6.144 ± 0.264	1.088
bn080717543	2+10	36.609 ± 2.985	-5.376	13.056 ± 0.810	1.024
bn080719529	6+7+9	16.128 ± 17.887	-4.352	8.448 ± 1.280	-2.048
bn080720316[a]	6+7+9	16.128 ± 17.887	-4.352	8.448 ± 1.280	-2.048
bn080723557	4	58.369 ± 1.985	2.368	40.513 ± 0.231	14.208
bn080723913	0+1+3	0.192 ± 0.345	-0.064	0.064 ± 0.143	-0.064
bn080723985	2+5	42.817 ± 0.659	3.072	25.280 ± 0.405	12.160
bn080724401	3+4+6+7+8	379.397 ± 2.202	10.816	348.421 ± 0.923	17.216
bn080725435	0+1+3	25.920 ± 1.208	-2.816	10.048 ± 0.320	4.096
bn080725541	6+7+8	0.960 ± 1.292	-0.128	0.316 ± 0.178	0.004
bn080727964	0+3+4+6+7	89.089 ± 6.476	-13.312	21.504 ± 2.290	4.096
bn080730520	0+1+9+10	17.408 ± 6.229	-0.576	4.096 ± 1.448	2.496
bn080730786	0+1+6+9+10	13.312 ± 4.222	-0.576	4.096 ± 1.448	0.448
bn080802386	4+5	0.576 ± 0.091	-0.064	0.448 ± 0.091	0.000
bn080803772	0+1+2+5	26.240 ± 1.691	-0.256	11.072 ± 0.462	3.520
bn080804456	0+1+2+3	521.862 ± 4.291	-9.216	448.901 ± 1.864	7.936
bn080804972	6+7+8+11	24.704 ± 1.460	0.256	10.432 ± 0.429	3.520
bn080805496	0+1+3	29.440 ± 3.566	-1.792	17.408 ± 1.846	1.024
bn080805584	3+4+5	65.665 ± 14.676	-4.864	23.808 ± 1.202	1.536
bn080806584	1+2+5	2.304 ± 0.453	-2.112	0.960 ± 0.202	-1.152
bn080806896	0+1+2+9	75.777 ± 4.185	-35.328	28.032 ± 1.382	1.216
bn080807993	0+1+2+5	19.072 ± 0.181	0.000	15.808 ± 0.143	0.512
bn080808451	0+1+2+5	4.352 ± 0.832	-1.536	2.048 ± 0.640	-0.512
bn080808565	6+7+8+11	17.728 ± 1.489	1.728	5.248 ± 0.320	4.352
bn080808772	0+1+3	210.178 ± 5.976	-168.002	64.769 ± 2.290	-104.001
bn080809808	2+10	28.160 ± 2.896	-9.728	12.800 ± 2.290	-2.560
bn080810549	6+7+8+11	75.201 ± 3.638	-3.200	32.768 ± 1.379	10.048
bn080812889	3+4	15.040 ± 0.462	-1.792	7.488 ± 0.286	1.664
bn080815917	9+10	0.832 ± 0.320	-0.320	0.384 ± 0.181	-0.128
bn080816503	0+1+3+4+5	64.769 ± 1.810	1.280	23.296 ± 0.572	36.097
bn080816989	7+8+9+10+11	4.608 ± 0.453	-0.064	0.896 ± 0.580	0.128
bn080817161	1+2+5	60.289 ± 0.466	2.048	16.064 ± 0.202	7.744
bn080817720	3+4+8	4.416 ± 0.363	-0.080	1.536 ± 0.345	1.072
bn080818579	3+4+5	59.329 ± 8.749	-2.944	33.852 ± 1.491	0.005
bn080818945	1+3+5	13.376 ± 0.410	-0.512	6.080 ± 0.466	0.832

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn080821332	3+4	5.888 ± 0.264	-1.280	1.920 ± 0.181	0.256
bn080823363	1+3+4+5	43.457 ± 1.717	-1.280	15.424 ± 0.842	5.760
bn080824909	0+1+3	7.424 ± 2.005	-3.264	2.752 ± 0.231	0.320
bn080825593	0+1+2+9+10	20.992 ± 0.231	1.216	12.160 ± 0.091	3.072
bn080828189	1+2	3.008 ± 3.329	-0.128	1.280 ± 0.202	0.064
bn080829790	1+2	7.680 ± 0.377	-0.320	3.520 ± 0.264	1.088
bn080830368	0+1+3	40.896 ± 5.069	-1.536	9.088 ± 0.724	7.168
bn080831053[b]	2+5	0.576 ± 1.168	-0.288	0.064 ± 0.631	-0.064
bn080831921	9+10+11	74.497 ± 1.243	1.344	50.689 ± 1.056	7.936
bn080904886	0+1+3+9	17.344 ± 1.385	-2.560	4.608 ± 0.373	4.032
bn080905499	3+6+7	0.960 ± 0.345	-0.064	0.704 ± 0.143	0.000
bn080905570	8+11	26.624 ± 2.896	-7.168	9.211 ± 2.287	0.005
bn080905705	7+8+11	105.984 ± 6.802	-5.120	78.336 ± 1.056	0.768
bn080906212	0+1+3+5	2.875 ± 0.767	0.005	1.280 ± 0.362	0.576
bn080912360	6+7+8+11	16.384 ± 2.896	-3.072	5.114 ± 2.415	0.006
bn080913735	9+10	41.217 ± 7.281	-0.256	10.240 ± 3.238	10.240
bn080916009	0+3+4+6+7	62.977 ± 0.810	1.280	32.000 ± 0.724	6.656
bn080916406	7+8+11	46.337 ± 7.173	0.512	18.432 ± 0.810	2.560
bn080919790	1+2+5	0.512 ± 0.405	-0.128	0.128 ± 0.091	-0.064
bn080920268	0+1+3+9	113.921 ± 3.125	-3.328	51.457 ± 2.673	3.584
bn080924766	0+1+2+9+10	39.937 ± 4.222	-11.264	13.307 ± 1.444	0.005
bn080925775	3+6+7+8	31.744 ± 3.167	-1.024	9.216 ± 1.448	4.096
bn080927480	7+8	45.313 ± 3.083	-0.256	11.520 ± 1.950	2.816
bn080928628	0+3+4+6+7	14.336 ± 4.007	-1.792	8.704 ± 0.810	-0.256
bn081003644	3+4	50.177 ± 3.692	-3.072	17.408 ± 1.448	9.728
bn081006604	0+1+3	6.400 ± 0.923	-0.256	2.301 ± 0.571	0.003
bn081006872	0+1+3	3.328 ± 1.305	-0.512	1.536 ± 0.810	-0.256
bn081008832	0+1+2	126.722 ± 2.360	0.768	107.266 ± 1.619	9.216
bn081009140	3+4+7+8	41.345 ± 0.264	1.344	2.688 ± 0.091	2.432
bn081009690[c]	7+8+11	34.560 ± 2.064	0.256	13.824 ± 0.572	2.560
bn081012045	9+10+11	1.216 ± 1.748	-0.576	0.512 ± 0.362	0.000
bn081012549	6+9+10+11	30.721 ± 5.615	-5.376	6.912 ± 0.724	0.256
bn081017474	1+2+9+10	28.416 ± 2.757	-13.056	8.448 ± 1.619	-3.328
bn081021398	4+5	26.112 ± 3.974	-1.008	10.496 ± 1.145	2.064
bn081022364	3+4+5	17.152 ± 3.727	-2.560	5.376 ± 1.305	-0.512
bn081024245	8+10+11	0.832 ± 1.282	-0.832	0.512 ± 0.231	-0.576
bn081024851	1+3+4+5	56.065 ± 2.064	-0.512	24.320 ± 1.086	7.168
bn081024891	0+6+7+9	0.640 ± 0.264	-0.064	0.384 ± 0.181	0.000
bn081025349	3+4+7+8	22.528 ± 0.724	-0.512	16.384 ± 0.923	2.048
bn081028538	9+10+11	13.312 ± 1.280	-7.936	2.816 ± 0.362	-0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn081101167	4+5	9.984 ± 9.051	-7.936	4.096 ± 1.086	-4.608
bn081101491	6+7+9	0.128 ± 0.091	-0.064	0.064 ± 0.091	0.000
bn081101532	2+5	8.256 ± 0.889	-0.256	4.416 ± 0.320	1.920
bn081102365	0+1+2+5	1.728 ± 0.231	-0.064	1.216 ± 0.143	0.128
bn081102739	0+3+4	34.817 ± 2.415	-0.512	17.152 ± 1.493	3.840
bn081105614	1+2+5	1.280 ± 1.368	-0.064	0.128 ± 0.091	-0.064
bn081107321	6+7+9+10+11	1.664 ± 0.234	-0.192	0.896 ± 0.143	0.256
bn081109293	0+1+2+9+10	58.369 ± 5.221	-6.912	17.408 ± 2.290	2.304
bn081110601	7+8	11.776 ± 2.573	0.256	4.608 ± 1.056	0.512
bn081113230	3+4	0.576 ± 1.350	0.000	0.320 ± 0.143	0.000
bn081115891	0+1+3+4+5	0.320 ± 0.653	-0.192	0.192 ± 0.264	-0.192
bn081118876	0+1+3+5	20.736 ± 1.379	0.256	4.608 ± 0.724	5.376
bn081119184	7+8+11	0.320 ± 0.680	-0.320	0.192 ± 0.231	-0.256
bn081120618	1+2+5	25.344 ± 0.923	-1.280	4.608 ± 0.572	0.256
bn081121858	10+11	41.985 ± 8.510	1.536	9.472 ± 1.145	6.656
bn081122520	0+1+3	23.296 ± 2.111	-0.256	13.568 ± 0.362	0.768
bn081122614	3+4+6+7+8	0.192 ± 0.091	-0.064	0.128 ± 0.091	-0.064
bn081124060	3+4+7+8	19.456 ± 1.086	0.512	9.728 ± 0.724	4.864
bn081125496	10+11	9.280 ± 0.607	0.512	3.200 ± 0.181	2.176
bn081126899	0+1+3	54.145 ± 0.923	-18.048	31.233 ± 0.362	0.768
bn081129161	10+11	62.657 ± 7.318	-0.128	16.384 ± 2.290	1.088
bn081130212	7+8+11	2.240 ± 1.002	-0.064	1.280 ± 0.905	0.064
bn081130629	9+10+11	39.169 ± 3.620	-32.257	4.608 ± 5.400	-2.304
bn081204004	0+1+2+9+10	7.424 ± 1.846	-5.632	1.280 ± 0.923	-0.768
bn081204517	6+7+8+11	0.192 ± 0.286	-0.064	0.128 ± 0.091	-0.064
bn081206275	9+10+11	24.576 ± 5.724	-11.264	10.752 ± 0.724	-1.792
bn081206604	3+4+5	7.936 ± 4.382	-2.048	3.072 ± 1.619	-1.024
bn081206987	9+10+11	22.528 ± 2.919	-5.888	5.888 ± 0.923	-0.768
bn081207680	0+1+9+10	97.282 ± 2.347	5.888	35.905 ± 0.462	24.896
bn081209981	8+11	0.192 ± 0.143	-0.064	0.128 ± 0.143	-0.064
bn081213173	0+1+2+5	0.256 ± 0.286	-0.256	0.192 ± 0.202	-0.192
bn081215784	9+10+11	5.568 ± 0.143	1.216	3.392 ± 0.091	1.728
bn081215880	2+5	7.680 ± 2.064	-0.256	5.632 ± 0.724	0.512
bn081216531	7+8+11	0.768 ± 0.429	0.000	0.128 ± 0.091	0.512
bn081217983	6+7+8+9+11	29.696 ± 12.892	-12.032	7.424 ± 0.724	3.584
bn081221681	1+2	29.697 ± 0.410	3.328	7.488 ± 0.143	19.392
bn081222204	0+1+2	18.880 ± 2.318	0.384	4.672 ± 0.231	2.368
bn081223419	6+7+9	0.576 ± 0.143	-0.064	0.256 ± 0.143	0.000
bn081224887	6+7+9	16.448 ± 1.159	0.736	4.672 ± 0.202	2.336
bn081225257	0+1+2+5	41.217 ± 5.667	-18.688	14.592 ± 0.923	-7.680

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn081226044	2+10	0.832 ± 1.032	-0.192	0.320 ± 0.264	-0.128
bn081226156	6+7+8	83.713 ± 2.769	-60.673	45.313 ± 1.379	-38.145
bn081226509	6+7+9	0.192 ± 0.143	-0.064	0.128 ± 0.143	-0.064
bn081229187	0+3+4+6	0.768 ± 0.724	-0.256	0.256 ± 0.572	0.000
bn081229675[a]	1+2+5	0.032 ± 0.045	-0.016	0.016 ± 0.045	0.000
bn081230871	0+1+6+7+9	0.512 ± 0.272	-0.128	0.256 ± 0.202	-0.064
bn081231140	6+7+9	28.736 ± 2.611	0.640	16.832 ± 0.462	6.080
bn090101758	9+10	108.802 ± 1.619	-0.256	6.144 ± 0.724	89.858
bn090102122	9+10+11	26.624 ± 0.810	1.536	9.728 ± 0.572	6.400
bn090107681	11	18.432 ± 2.896	-2.048	9.212 ± 1.445	0.004
bn090108020	0+1+2+5	0.704 ± 0.143	-0.064	0.256 ± 0.091	0.000
bn090108322	0+1+2+10	0.192 ± 0.143	-0.064	0.128 ± 0.143	-0.064
bn090109332	8+11	1.728 ± 0.820	-0.256	0.512 ± 0.202	-0.192
bn090112332	0+1+3	58.369 ± 4.783	-15.104	24.320 ± 2.064	1.536
bn090112729	9+10	14.080 ± 5.126	-0.768	4.864 ± 0.362	1.792
bn090113778	0+1+2+9	17.408 ± 3.238	-2.048	6.141 ± 1.446	0.004
bn090117335	3+4+7+8	27.264 ± 1.286	-0.384	25.152 ± 0.320	0.384
bn090117632	9+10	86.018 ± 2.862	-59.393	46.337 ± 2.111	-26.625
bn090117640	0+1+2+9	15.552 ± 4.580	-5.248	2.240 ± 2.084	-0.128
bn090120627	1+2+5	1.856 ± 0.181	-0.512	1.024 ± 0.143	-0.192
bn090126227	6+7+9	5.632 ± 0.810	-1.792	2.816 ± 0.572	-0.768
bn090126245	3+4+6+7+8	0.960 ± 0.231	-0.384	0.640 ± 0.143	-0.256
bn090129880	0+1+3	16.640 ± 3.328	-0.256	6.144 ± 2.290	1.024
bn090131090	0+6+9+10	35.073 ± 1.056	3.072	22.272 ± 0.362	6.656
bn090202347	0+1+2+5	12.608 ± 0.345	0.192	5.376 ± 0.181	4.096
bn090206620	7+9+10+11	0.320 ± 0.143	-0.064	0.128 ± 0.143	0.000
bn090207777	0+1+2+9+10	24.832 ± 3.899	-0.512	7.424 ± 0.923	1.280
bn090213236	0+1+3+7	20.224 ± 6.192	-4.096	12.032 ± 3.114	-2.304
bn090217206	6+7+9+11	33.280 ± 0.724	0.832	9.728 ± 0.362	4.672
bn090219074	5	0.448 ± 0.272	-0.064	0.256 ± 0.345	0.000
bn090222179	9+10+11	17.408 ± 3.238	-2.048	8.192 ± 1.448	1.024
bn090225009	4	2.176 ± 2.833	-1.664	1.600 ± 0.286	-1.536
bn090227310	0+1+3+7	16.189 ± 0.831	0.003	7.424 ± 1.056	1.856
bn090227772	0+1+2	0.304 ± 0.023	-0.016	0.096 ± 0.023	0.016
bn090228204	0+1+3	0.448 ± 0.143	0.000	0.128 ± 0.091	0.000
bn090228976	6+7+9	7.936 ± 1.379	0.000	3.584 ± 1.145	0.512
bn090301315	0+1+3+4+5	23.296 ± 2.064	-17.664	5.632 ± 0.572	-3.584
bn090304216	6+7+8+9	2.816 ± 0.923	-0.256	2.048 ± 0.572	0.256
bn090305052	0+1+3+5	1.856 ± 0.580	-0.064	0.448 ± 0.091	0.256
bn090306245	0+1+3	27.904 ± 14.857	-2.816	11.264 ± 2.573	-0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn090307167	9+10+11	29.440 ± 1.810	-5.120	18.432 ± 1.846	-1.792
bn090308734	3+4+6+7+8	1.664 ± 0.286	-0.320	0.576 ± 0.091	0.256
bn090309767	0+1+6+9	56.513 ± 5.146	-0.512	8.896 ± 0.916	34.561
bn090310189	7+8+11	116.930 ± 1.056	-0.384	57.089 ± 4.783	7.232
bn090316311	9+10+11	10.240 ± 1.557	-9.728	5.632 ± 0.572	-5.632
bn090319622	6+7+9	54.785 ± 2.202	-12.544	25.600 ± 1.086	5.888
bn090320045	6+7+9+11	2.368 ± 0.272	-2.112	1.344 ± 0.231	-1.664
bn090320418	6+7+8+11	7.936 ± 1.296	-1.664	2.624 ± 0.792	-0.768
bn090320801	9+10+11	29.184 ± 4.536	-0.512	10.240 ± 4.382	1.024
bn090323002	6+7+9+10+11	133.890 ± 0.572	8.704	46.081 ± 0.923	33.792
bn090326633	2+9+10	16.128 ± 3.208	-9.216	6.656 ± 0.724	-0.768
bn090327404	0+1+2+5	14.080 ± 1.379	1.280	5.888 ± 0.810	3.840
bn090328401	3+6+7+8	61.697 ± 1.810	4.352	14.592 ± 0.572	12.288
bn090328713	9+10+11	0.192 ± 1.032	-0.064	0.128 ± 0.143	0.000
bn090330279	6+7+9+10+11	75.265 ± 1.379	-52.737	19.456 ± 0.572	-3.840
bn090331681	6+7+9	0.832 ± 0.143	-0.064	0.704 ± 0.181	-0.064
bn090403314	3+6+7+8	14.848 ± 1.846	-2.304	6.656 ± 0.810	-0.512
bn090405663	7+8+11	0.448 ± 1.498	-0.064	0.192 ± 0.231	-0.064
bn090409288	3+4+5	30.337 ± 2.796	-24.064	12.736 ± 1.920	-8.960
bn090411838	0+2	21.501 ± 3.237	0.003	9.216 ± 1.448	3.072
bn090411991	4+5	14.336 ± 1.086	0.768	6.912 ± 0.724	4.352
bn090412061	3+4+8	0.896 ± 0.264	-0.832	0.128 ± 0.091	-0.128
bn090413122	6+7+8+9+11	32.513 ± 4.360	-22.272	9.216 ± 4.104	-3.072
bn090418816	7+8	0.320 ± 0.405	-0.064	0.256 ± 0.202	-0.064
bn090419997	0+1+2	184.323 ± 3.806	-67.585	60.161 ± 0.724	3.584
bn090422150	0+1+9	9.216 ± 0.362	-0.512	8.448 ± 0.362	-0.256
bn090423330	2+9+10	7.168 ± 2.415	-5.888	3.072 ± 1.280	-3.584
bn090424592	6+7+8+11	14.144 ± 0.264	0.512	3.072 ± 0.091	1.280
bn090425377	4	75.393 ± 2.450	3.584	9.344 ± 0.286	58.177
bn090426066	0+1+3+4+5	16.128 ± 5.152	-1.792	4.096 ± 1.056	-1.536
bn090426690	0+1+2+5	7.488 ± 2.496	-1.152	1.984 ± 0.272	0.320
bn090427644	6+7+9	1.024 ± 0.362	-1.792	0.256 ± 0.572	-1.536
bn090427688	1+2+5	12.288 ± 1.280	-1.024	6.400 ± 0.572	1.536
bn090428441	8+11	3.968 ± 1.506	-0.192	1.152 ± 0.716	0.448
bn090428552	4+5	31.489 ± 11.846	-8.448	7.168 ± 1.493	-0.256
bn090429530	2+10	14.336 ± 4.007	-2.560	5.628 ± 0.571	0.004
bn090429753	0+1+9	0.640 ± 0.466	-0.192	0.256 ± 0.143	0.000
bn090502777	7+8+11	66.048 ± 1.619	-9.728	41.984 ± 0.572	0.256
bn090509215	7+8+9+11	282.372 ± 3.167	-1.280	242.691 ± 2.360	4.864
bn090510016	6+7+9	0.960 ± 0.138	-0.048	0.256 ± 0.143	0.528

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn090510325	10+11	7.424 ± 1.717	-1.024	3.328 ± 0.923	0.256
bn090511684	9+10+11	7.616 ± 1.605	-1.472	2.496 ± 0.320	0.000
bn090513916	7+8+11	25.280 ± 7.146	-1.024	11.008 ± 1.691	4.480
bn090513941	5	11.776 ± 2.064	-3.840	6.400 ± 1.280	-1.792
bn090514006	0+1+3	43.521 ± 1.739	0.128	26.240 ± 1.105	1.600
bn090514726	7+8	2.240 ± 0.286	-0.640	0.636 ± 0.140	0.004
bn090514734	4+8	54.401 ± 4.077	-3.072	18.688 ± 1.086	6.592
bn090516137	3+6+7+8	110.594 ± 4.199	15.872	34.817 ± 1.493	58.625
bn090516353	0+3	123.138 ± 2.064	-38.145	47.617 ± 1.145	-2.048
bn090516853	3+4	14.464 ± 3.093	-0.096	6.173 ± 1.469	0.003
bn090518080	3+5	2.048 ± 0.410	-0.640	0.960 ± 0.181	-0.192
bn090518244	8+11	6.784 ± 1.000	-0.384	3.072 ± 1.145	0.256
bn090519462	3+6+7+9	91.329 ± 3.692	-18.944	31.937 ± 1.448	-10.752
bn090519881	0+1+2+9+10	74.177 ± 5.177	-1.536	26.625 ± 1.145	3.776
bn090520832	6+9	0.768 ± 0.834	-0.448	0.256 ± 0.181	-0.256
bn090520850	3+4+8	3.776 ± 0.923	-0.384	2.048 ± 0.572	0.320
bn090520876	0+1+3+5	30.657 ± 0.859	-18.176	7.104 ± 0.528	-0.768
bn090522344	3+4+6+7	20.288 ± 6.262	-4.864	5.184 ± 0.590	0.448
bn090524346	3+4+6+7+8	54.337 ± 0.870	0.896	37.121 ± 0.264	5.696
bn090528173[d]	1+2+9+10	35.905 ± 2.187	-6.656	17.408 ± 0.604	1.216
bn090528516	3+4+6+7+8	79.041 ± 1.088	4.352	31.553 ± 0.320	12.544
bn090529310	6+7+9+11	3.072 ± 0.362	-0.512	1.792 ± 0.572	0.000
bn090529564	3+4+7+8	9.853 ± 0.179	0.003	8.576 ± 0.091	0.704
bn090530760	1+2+3+5	157.699 ± 2.862	3.328	60.673 ± 0.724	11.776
bn090531775	6+7+9	0.768 ± 0.231	0.000	0.384 ± 0.231	0.256
bn090602564	10+11	20.736 ± 7.209	-1.536	7.168 ± 1.086	1.024
bn090606471	2+10	8.064 ± 1.262	-1.280	5.568 ± 0.771	-0.384
bn090608052	1+2+5	21.504 ± 2.290	-16.384	6.144 ± 1.448	-4.096
bn090610648	1+3+4+5	6.144 ± 8.136	-4.096	1.280 ± 0.724	-0.512
bn090610723	9+10+11	146.434 ± 4.419	-3.584	107.266 ± 15.413	23.040
bn090610883	2+5	7.424 ± 1.639	-2.816	3.584 ± 0.724	-1.024
bn090612619	0+1+3+4+5	37.120 ± 1.717	-32.513	9.216 ± 6.661	-7.168
bn090616157	0+1+2+5	1.152 ± 1.168	-0.192	0.512 ± 0.231	0.000
bn090617208	0+1+3+5	0.192 ± 0.143	-0.064	0.064 ± 0.091	0.000
bn090618353	4	112.386 ± 1.086	7.936	23.808 ± 0.572	62.465
bn090620400	6+7+8+11	13.568 ± 0.724	0.512	3.840 ± 0.362	3.072
bn090620901	7+9+10+11	0.960 ± 0.272	-0.576	0.448 ± 0.231	-0.384
bn090621185	6+7+9	106.754 ± 14.373	-2.560	31.744 ± 2.429	8.448
bn090621417	6+7+9+10+11	27.008 ± 6.136	-3.840	17.344 ± 2.862	1.984
bn090621447	3+4+7+8	26.112 ± 5.655	-0.256	16.896 ± 0.923	1.536

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn090621922	2+5	0.384 ± 1.032	-0.128	0.128 ± 0.091	-0.064
bn090623107	7+8+9+11	47.105 ± 2.573	0.320	21.248 ± 1.379	3.904
bn090623913	0+1+6+9	7.168 ± 3.114	-0.256	3.328 ± 0.724	1.280
bn090625234	6+7+9	14.336 ± 0.923	-3.584	7.232 ± 0.572	-0.768
bn090625560	4+8	13.056 ± 1.145	-1.280	3.584 ± 0.923	0.512
bn090626189	0+1	48.897 ± 2.828	1.536	31.233 ± 0.362	4.096
bn090626707[e]	0+1	48.897 ± 2.828	1.536	31.233 ± 0.362	4.096
bn090629543	3+6+7+8	20.480 ± 4.762	-9.472	9.728 ± 1.493	-1.792
bn090630311	1+2+9+10	2.880 ± 0.320	-0.640	0.960 ± 0.181	0.000
bn090701225	0+1+3	4.160 ± 0.692	-3.520	1.344 ± 1.159	-1.536
bn090703329	0+1+9	8.960 ± 1.864	-2.304	3.072 ± 0.923	-0.512
bn090704242	1+2	69.889 ± 5.724	0.512	32.257 ± 1.493	15.104
bn090704783	0+1+6+9	19.456 ± 2.064	-1.792	7.936 ± 1.379	1.280
bn090706283	6+9	57.857 ± 7.442	-36.609	25.344 ± 1.950	-22.272
bn090708152	0+1+2+3+5	21.248 ± 3.167	-3.840	7.680 ± 1.619	-1.280
bn090709630	0+1+2+3+5	22.272 ± 9.230	0.512	4.096 ± 0.810	1.792
bn090711850[f]	6+7+9	51.969 ± 2.560	-0.768	23.552 ± 2.290	9.216
bn090712160	0+1+3	94.721 ± 6.700	-60.929	28.673 ± 2.290	-13.568
bn090713020	7+9+11	82.817 ± 2.318	1.344	27.392 ± 0.429	9.536
bn090717034	0+1+2+9+10	65.537 ± 1.557	2.304	43.009 ± 0.572	6.144
bn090717111	3+6+7+8	0.384 ± 0.181	-0.192	0.192 ± 0.143	-0.128
bn090718720	3+6+7	76.481 ± 3.416	-0.768	31.681 ± 2.085	5.760
bn090718762	9+10+11	23.744 ± 0.802	3.392	8.448 ± 0.231	14.016
bn090719063	7+8	11.392 ± 0.466	0.896	3.904 ± 0.143	3.136
bn090720276	2+5	4.480 ± 1.086	-0.832	1.597 ± 0.407	0.003
bn090720710	0+1+3+5	10.752 ± 1.056	-0.256	6.144 ± 0.572	0.000
bn090725838	8+11	13.760 ± 1.229	-3.328	8.448 ± 0.859	-0.768
bn090726218[e]	0+1+2	7.680 ± 0.724	-0.256	3.840 ± 0.572	1.536
bn090730608	1+2+9+10	9.088 ± 1.680	-1.664	3.648 ± 0.320	0.320
bn090802235	2+5	0.048 ± 0.023	-0.016	0.016 ± 0.023	0.000
bn090802666	8+11	27.520 ± 6.192	-0.768	11.968 ± 0.659	1.792
bn090804940	3+4+5	5.568 ± 0.362	0.640	2.560 ± 0.143	1.664
bn090805622	10+11	46.592 ± 2.318	-0.768	20.480 ± 1.448	3.328
bn090807832	6+7+8+9+11	17.920 ± 2.757	-1.280	8.192 ± 2.573	-0.256
bn090809978	3+4+5	11.008 ± 0.320	1.088	3.776 ± 0.091	2.752
bn090810659	2+5	125.182 ± 1.846	0.004	76.289 ± 0.923	36.865
bn090810781	3+4+5	62.977 ± 11.865	0.192	19.712 ± 1.895	4.992
bn090811696	0+1+9	14.848 ± 1.145	-0.256	12.800 ± 0.810	0.000
bn090813174	6+7+9	7.552 ± 0.362	0.384	5.888 ± 0.286	0.640
bn090814368	6+9+10+11	0.192 ± 0.045	-0.032	0.128 ± 0.072	0.000

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn090814950	9+10+11	108.610 ± 8.816	-0.256	52.673 ± 2.790	26.048
bn090815300	7+8	48.385 ± 1.086	-1.536	20.224 ± 1.280	2.560
bn090815438	7+8+11	30.465 ± 3.566	-9.216	17.404 ± 0.810	0.004
bn090815946	0+1+2	245.508 ± 17.169	-2.304	189.955 ± 2.757	9.728
bn090817036	3+4	52.417 ± 10.657	-13.440	13.312 ± 2.111	1.088
bn090819607	3+6+7+8	0.192 ± 0.202	-0.128	0.064 ± 0.091	-0.064
bn090820027	2+5	12.416 ± 0.181	31.169	4.480 ± 0.091	33.153
bn090820509	6+7+9	15.296 ± 4.610	-0.128	10.301 ± 0.602	0.003
bn090823133	6+7+8+11	58.113 ± 4.404	-50.945	38.657 ± 2.986	-37.377
bn090824918	2	59.905 ± 10.014	-4.608	34.817 ± 1.843	0.512
bn090826068	0+1+3+5	8.704 ± 2.862	-1.024	7.424 ± 0.923	-0.256
bn090828099	4+5	68.417 ± 3.167	-1.024	10.752 ± 0.320	45.825
bn090829672	0+6+7+9+10+11	67.585 ± 2.896	10.240	12.288 ± 1.448	39.937
bn090829702	0+6+7+9+10+11	101.633 ± 2.290	1.792	31.232 ± 2.573	6.400
bn090831317	4+5	39.424 ± 0.572	0.000	22.272 ± 0.810	7.680
bn090902401	7+8	3.200 ± 1.797	-2.304	0.896 ± 0.286	-0.256
bn090902462	0+1+9	19.328 ± 0.286	2.816	9.024 ± 0.181	8.896
bn090904058	2+9+10	56.065 ± 1.846	-3.072	34.305 ± 1.002	7.936
bn090904581	1+2+9+10	38.401 ± 3.093	-2.560	20.992 ± 1.379	3.584
bn090907017	4	39.489 ± 4.443	-12.800	13.248 ± 2.233	1.088
bn090907808	3+6+7+8+9	0.832 ± 0.320	-0.256	0.448 ± 0.143	0.000
bn090908314	9+10+11	71.937 ± 6.817	-62.721	49.409 ± 2.862	-48.897
bn090908341	3+4+5	36.864 ± 0.923	-0.256	15.872 ± 1.305	4.608
bn090909487	8	14.336 ± 2.896	-4.096	7.168 ± 2.896	-1.024
bn090909854	0+1+6+9+10	1.152 ± 2.244	-0.768	0.384 ± 0.202	-0.064
bn090910812	4+8	53.441 ± 13.334	0.832	26.881 ± 0.923	7.232
bn090912660	3+4+5	150.787 ± 2.360	1.280	79.361 ± 1.950	25.600
bn090915650	0+1+2	76.609 ± 1.559	-0.768	25.792 ± 1.785	2.304
bn090917661	0+3+4+6	26.624 ± 1.134	-0.192	15.360 ± 0.689	1.088
bn090920035	2+10	26.624 ± 1.056	-7.680	12.800 ± 0.810	-3.840
bn090922539	0+1+6+7+9	87.041 ± 0.810	0.512	4.864 ± 0.572	1.792
bn090922605	8+11	52.736 ± 1.810	0.000	20.224 ± 1.056	5.120
bn090924625[b]	0+9+10	0.352 ± 0.101	-0.064	0.096 ± 0.072	-0.032
bn090925389	8+11	25.472 ± 3.525	0.064	11.456 ± 1.275	3.776
bn090926181	3+4+6+7+8	13.760 ± 0.286	2.176	6.528 ± 0.143	4.224
bn090926914	7+8+11	64.001 ± 1.557	1.024	17.408 ± 0.572	13.824
bn090927422	10	0.512 ± 0.231	-0.192	0.320 ± 0.202	-0.128
bn090928646	4+8	15.616 ± 2.611	-0.256	2.816 ± 0.923	1.024
bn090929190	8	6.174 ± 1.298	0.003	2.816 ± 0.572	0.800
bn091002685	6+7+9	2.752 ± 3.089	-1.344	0.640 ± 0.286	-0.320

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn091003191	7+9	20.224 ± 0.362	0.832	13.312 ± 0.724	5.696
bn091005679	6+7+8+11	6.976 ± 0.572	-4.672	3.136 ± 0.730	-1.984
bn091006360	1+2+5	0.192 ± 0.091	-0.192	0.064 ± 0.181	-0.128
bn091010113	3+4+6	5.952 ± 0.143	0.128	1.088 ± 0.580	1.984
bn091012783	10+11	0.704 ± 2.499	0.000	0.320 ± 0.091	0.256
bn091013989	3+4+5	38.400 ± 2.996	-6.400	17.152 ± 2.111	-0.768
bn091015129	5	3.840 ± 0.590	-2.304	1.472 ± 0.320	-1.536
bn091017861	3+4+5	2.624 ± 0.462	-0.832	0.960 ± 0.231	-0.384
bn091017985	0+1+3+7+9	44.800 ± 3.367	-1.792	16.640 ± 2.360	2.048
bn091018957	11	0.192 ± 0.286	-0.064	0.064 ± 0.091	-0.064
bn091019750[g]	0+1+2	0.208 ± 0.172	-0.112	0.016 ± 0.036	-0.032
bn091020900	2+5	24.256 ± 7.973	-3.584	6.912 ± 0.668	1.664
bn091020977	0+1+3+4+5	37.505 ± 0.905	0.992	21.696 ± 0.373	2.848
bn091023021	2+4+5	6.528 ± 1.857	-0.448	1.792 ± 0.345	-0.192
bn091024372[h]	7+8+11	93.954 ± 5.221	-3.072	39.937 ± 1.056	4.352
bn091024380[h]	6+7+9	450.569 ± 2.360	2.048	100.610 ± 0.923	222.724
bn091026485	1+2	3.328 ± 0.779	-0.896	1.536 ± 0.286	-0.384
bn091026550	4	8.960 ± 1.379	-5.120	3.840 ± 0.810	-4.096
bn091030613	3+4+6+7	19.200 ± 0.871	0.576	9.472 ± 0.345	5.504
bn091030828	8+10+11	98.050 ± 4.128	0.832	24.832 ± 1.493	7.232
bn091031500	1+6+7+9	33.921 ± 0.462	1.408	8.192 ± 0.231	7.040
bn091101143	10+11	10.688 ± 0.842	0.192	5.056 ± 0.320	1.728
bn091102607	2+10	6.656 ± 3.435	-0.768	2.813 ± 1.618	0.003
bn091103912	3+4+5	13.568 ± 6.023	-2.048	4.288 ± 0.373	0.832
bn091106762	10	14.592 ± 16.147	-1.280	11.008 ± 0.923	1.280
bn091107635	0+3+4+6+7	11.008 ± 10.546	-2.816	2.048 ± 0.572	-0.512
bn091109895	0+1+3	30.976 ± 4.580	-5.376	20.224 ± 2.064	0.768
bn091112737	3+4+5	24.576 ± 0.923	-0.768	7.680 ± 0.362	3.840
bn091112928	1+3+4+5	21.184 ± 0.977	-0.768	9.664 ± 0.659	3.648
bn091115177	0+1+3+5	37.376 ± 2.360	-1.536	18.432 ± 1.639	8.192
bn091117080	2+5	113.664 ± 2.360	-4.352	96.000 ± 1.145	4.352
bn091120191	0+1+3+5	50.177 ± 2.111	1.024	20.992 ± 2.290	9.216
bn091122163	7+9+11	2.944 ± 1.280	-2.624	1.600 ± 1.159	-1.600
bn091123081	8+11	15.552 ± 1.866	-9.984	5.376 ± 0.604	-1.344
bn091123298[c]	2+5	624.459 ± 3.367	4.608	514.313 ± 2.636	27.648
bn091126333	7+8+11	0.192 ± 0.091	-0.064	0.128 ± 0.091	-0.064
bn091126389[i]	6+7+8+9+11	0.024 ± 0.097	-0.008	0.016 ± 0.011	-0.008
bn091127976	6+7+9	8.701 ± 0.571	0.003	5.120 ± 0.362	0.512
bn091128285	9+10	76.289 ± 1.280	-19.456	21.760 ± 0.724	5.888
bn091201089	6+7+8+9+11	12.992 ± 2.010	-7.744	5.952 ± 0.951	-4.288

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn091202072	0+1+3+5	27.648 ± 3.566	-5.120	10.240 ± 0.923	-0.768
bn091202219	9+10+11	118.274 ± 8.942	-43.265	34.817 ± 1.145	2.048
bn091207333	0+1+9+10	27.073 ± 0.916	0.256	8.000 ± 0.607	2.432
bn091208410	0+9+10	12.480 ± 5.018	-0.128	7.168 ± 0.630	1.856
bn091209001	4	42.945 ± 8.035	-5.888	11.392 ± 0.771	2.304
bn091215234	3+4+5	4.352 ± 0.362	-2.048	2.304 ± 0.362	-1.536
bn091219462	0+1+9	8.128 ± 1.866	-0.192	2.048 ± 0.643	0.192
bn091220442	0+1+9+10	18.368 ± 0.590	0.384	5.696 ± 0.345	2.048
bn091221870[j]	6+7+9+10+11	23.040 ± 5.177	6.144	9.216 ± 1.056	14.592
bn091223191	3+6+7+8	0.576 ± 0.181	-0.256	0.192 ± 0.143	-0.192
bn091223511	1+2+9+10	49.725 ± 1.379	0.004	19.840 ± 0.462	7.360
bn091224373	1+2	0.768 ± 0.231	-0.192	0.384 ± 0.143	-0.128
bn091227294	1+2+5	21.888 ± 0.889	-1.280	7.232 ± 0.792	2.048
bn091230260	6+7+8+9+11	62.976 ± 3.874	-3.840	36.096 ± 1.493	0.000
bn091230712	8+11	35.137 ± 3.974	-0.512	7.424 ± 0.945	1.920
bn091231206	0+3+4+6+7	42.561 ± 3.664	2.624	17.984 ± 1.002	7.232
bn091231540	3+4+5	15.616 ± 2.757	-7.680	4.352 ± 0.724	-0.768
bn100101028	3	2.816 ± 0.320	-0.256	1.344 ± 0.091	-0.128
bn100101988	0+6+9+10	1.984 ± 2.049	-1.024	0.832 ± 0.143	-0.512
bn100107074[g]	0	0.576 ± 0.465	-0.048	0.032 ± 0.179	-0.048
bn100111176	3+6+7	19.520 ± 5.367	-10.752	6.784 ± 0.810	-4.096
bn100112418	0+1+3+4+5	23.040 ± 0.572	-4.352	9.472 ± 0.923	-0.768
bn100116897	0+1+3	102.530 ± 1.485	0.576	5.504 ± 0.181	89.602
bn100117879	3+4+8	0.256 ± 0.834	-0.064	0.064 ± 0.181	0.000
bn100118100	1+2+5	9.216 ± 6.720	-2.304	2.560 ± 0.923	-0.768
bn100122616	6+7+9	22.528 ± 2.769	5.120	2.304 ± 0.572	20.736
bn100126460	1+2+5	10.624 ± 12.673	-1.280	9.088 ± 1.243	-0.512
bn100130729	0+3+4	99.586 ± 2.415	-4.096	13.312 ± 0.923	64.769
bn100130777	7+8+11	86.018 ± 6.988	-10.240	34.049 ± 1.493	5.632
bn100131730	6+7	3.520 ± 0.453	0.192	1.408 ± 0.202	0.576
bn100201588	6+7+9+10	141.059 ± 4.048	-6.400	72.193 ± 1.280	15.360
bn100204024	6+7+9+10+11	49.665 ± 1.379	-17.920	15.104 ± 0.362	0.768
bn100204566	2+5	32.513 ± 2.862	-30.209	20.480 ± 0.572	-22.529
bn100204858	10+11	1.920 ± 2.375	-0.640	0.256 ± 0.202	-0.192
bn100205490	10+11	14.848 ± 2.290	-1.024	3.584 ± 1.145	0.000
bn100206563[g]	0+1+2+3+5	0.176 ± 0.072	-0.016	0.064 ± 0.023	0.000
bn100207665	4+5	15.360 ± 3.874	-2.816	8.192 ± 0.724	-0.768
bn100207721	0+1+3+5	17.728 ± 6.492	-9.216	8.768 ± 1.073	-3.072
bn100208386	0+1+9	0.192 ± 0.264	-0.064	0.128 ± 0.091	-0.064
bn100210101	0+1+2+9+10	29.184 ± 5.655	-10.240	5.632 ± 1.145	-1.024

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn100211440	10+11	21.376 ± 0.923	0.640	8.960 ± 0.373	7.360
bn100212550	6+7+9	3.773 ± 0.270	0.003	2.368 ± 0.231	0.768
bn100212588	0+1+3	4.864 ± 1.305	-1.088	0.960 ± 0.345	-0.384
bn100216422	6+9+11	0.192 ± 0.143	-0.064	0.128 ± 0.091	-0.064
bn100218194	0+1+9	29.185 ± 5.813	-3.584	13.696 ± 2.033	1.664
bn100219026	2+5	59.712 ± 4.955	-12.416	26.880 ± 1.336	1.152
bn100221368	3+4+5	23.552 ± 1.032	-3.328	8.960 ± 0.551	0.320
bn100223110	7+8+11	0.256 ± 0.091	-0.064	0.064 ± 0.091	0.064
bn100224112	3+4	67.329 ± 6.988	-3.584	7.936 ± 1.459	10.816
bn100225115	0+1+3+4+5	12.992 ± 1.925	-0.256	5.056 ± 0.320	3.136
bn100225249	2+5	32.000 ± 20.419	-0.512	16.896 ± 7.701	2.560
bn100225580	0+1+3+4+5	6.400 ± 1.086	-0.512	2.304 ± 0.724	1.536
bn100225703	0+6+9+10+11	4.480 ± 1.431	-1.152	1.920 ± 0.572	0.000
bn100228544	9+10+11	67.072 ± 4.720	-3.072	33.280 ± 1.846	3.072
bn100228873	0+6+9+10+11	8.704 ± 2.318	-2.048	3.072 ± 0.810	-1.280
bn100301068	6+9	0.960 ± 1.002	-0.896	0.064 ± 0.091	-0.064
bn100301223	0+9+10	26.625 ± 1.431	-0.256	6.784 ± 0.932	2.944
bn100302061	7+8+11	2.240 ± 1.605	-1.216	0.640 ± 0.551	-0.384
bn100304004	8+11	181.507 ± 21.682	-2.560	97.538 ± 16.766	10.752
bn100304534	2	19.008 ± 2.782	-9.472	5.888 ± 1.132	-1.024
bn100306199	6+7+8+11	7.168 ± 2.064	-4.352	3.328 ± 0.572	-3.072
bn100307928	9+10+11	16.128 ± 2.187	-3.072	6.400 ± 1.379	-0.768
bn100311518	3+4+5	9.024 ± 1.042	-0.256	3.968 ± 0.572	2.240
bn100313288	0+9+10	12.864 ± 2.099	-2.816	3.904 ± 0.286	0.832
bn100313509	6+7+9+11	34.048 ± 2.996	-3.072	17.408 ± 1.280	2.560
bn100315361	0+1+3	35.584 ± 2.290	-4.608	16.896 ± 1.086	-0.256
bn100318611	9+10+11	18.432 ± 0.923	-1.792	7.168 ± 0.724	0.000
bn100322045	1+2+5	37.121 ± 0.362	1.024	26.368 ± 0.572	7.168
bn100323542	8+11	60.673 ± 3.620	-5.632	53.505 ± 1.950	-0.768
bn100324172	1+2+5	17.920 ± 2.064	0.576	3.840 ± 0.362	2.368
bn100325246	0+1+3	8.192 ± 1.086	-1.536	4.608 ± 0.572	-0.512
bn100325275	0+1+3	7.104 ± 1.619	-0.384	4.096 ± 0.724	0.576
bn100326294	9+10	5.632 ± 2.064	-5.376	3.584 ± 2.111	-3.584
bn100326402	3+4+5	144.130 ± 26.959	-53.249	30.465 ± 2.172	-3.072
bn100328141	6+7+9+11	0.384 ± 0.143	-0.064	0.192 ± 0.091	0.064
bn100330309	7+9+10+11	10.048 ± 0.318	0.064	4.096 ± 0.272	1.280
bn100330856	0+1+3+9	5.120 ± 0.453	-1.152	1.024 ± 0.466	-0.640
bn100401297	0+1+2+3+5	92.416 ± 4.291	-6.656	79.616 ± 0.724	-0.256
bn100406758	1+2+5	5.888 ± 2.919	-1.280	2.557 ± 1.377	0.003
bn100410356	4+8	9.728 ± 2.202	-5.888	3.328 ± 1.086	-3.328

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn100410740	1+2+5	22.016 ± 4.700	-1.024	14.080 ± 4.222	1.280
bn100411516	9+10+11	0.512 ± 0.231	-0.064	0.448 ± 0.143	-0.064
bn100413732	7+8+11	184.067 ± 7.786	0.512	100.610 ± 4.918	40.705
bn100414097	6+7+9+11	26.497 ± 2.073	1.856	13.248 ± 0.272	8.192
bn100417166	6+7+9	0.192 ± 0.091	-0.064	0.128 ± 0.091	-0.064
bn100417789	2+10	52.545 ± 1.856	-2.560	15.552 ± 0.604	0.192
bn100420008	0+1+3+4+5	19.712 ± 1.144	0.256	8.192 ± 0.362	1.536
bn100421917	1+2+5	62.465 ± 1.639	-2.048	12.544 ± 0.572	7.168
bn100423244	3+4+6+7	16.512 ± 2.226	1.600	6.976 ± 0.362	5.312
bn100424729	7+8+11	175.363 ± 1.086	-24.832	81.665 ± 1.379	17.664
bn100424876	0+1+5	169.987 ± 3.557	-2.048	20.480 ± 2.290	131.074
bn100427356	0+3+6+7	12.544 ± 7.389	-4.864	4.544 ± 0.630	0.640
bn100429999	6+7+9	25.024 ± 6.582	-12.800	6.656 ± 0.547	-0.512
bn100502356	3+4+7+8	95.810 ± 2.382	-2.816	53.633 ± 1.118	12.224
bn100503554	3+4+6+7+8	139.779 ± 0.923	5.888	41.217 ± 1.379	33.281
bn100504806	11	16.512 ± 1.810	1.216	8.320 ± 1.834	4.672
bn100506653	3+4+5	21.376 ± 1.891	-7.936	6.976 ± 0.800	0.192
bn100507577	9+10+11	44.033 ± 5.221	-1.024	14.336 ± 1.448	5.120
bn100510810	4	31.169 ± 4.017	-3.328	10.368 ± 0.975	0.640
bn100511035	3+6+7	42.433 ± 1.478	0.832	9.408 ± 0.091	17.856
bn100513879	4+6+7+8	11.136 ± 1.145	-0.768	3.456 ± 0.286	2.176
bn100515467	6+7+8+11	10.624 ± 1.431	-0.640	1.920 ± 0.231	0.704
bn100516369	6+7+8+11	2.112 ± 1.134	-1.920	1.024 ± 0.771	-1.024
bn100516396	6+7+8+11	0.640 ± 0.487	-0.576	0.128 ± 0.143	-0.192
bn100517072	0+1+2+9+10	55.808 ± 1.810	0.000	36.352 ± 0.572	1.280
bn100517132	3+6+7	19.840 ± 3.620	-0.512	9.856 ± 1.708	0.640
bn100517154	7+8+11	30.464 ± 0.810	-0.256	24.576 ± 0.572	0.256
bn100517243	1+2+3+5	29.632 ± 4.482	-13.568	10.816 ± 0.889	-6.656
bn100517639	3+4+7	5.440 ± 0.604	-0.768	2.816 ± 0.231	0.960
bn100519204	3+6+7+8	62.913 ± 3.929	0.640	24.960 ± 0.680	8.768
bn100522157	1+2+3+5	35.326 ± 0.715	0.003	11.712 ± 1.541	0.768
bn100525744	9+10	1.472 ± 1.974	-0.384	0.576 ± 0.462	-0.128
bn100527795	6+7+9+10+11	190.979 ± 6.759	-81.665	32.769 ± 1.056	36.097
bn100528075	6+7+9	22.464 ± 0.749	-0.256	7.040 ± 0.091	5.056
bn100530737	9+10+11	3.328 ± 0.810	-1.024	2.048 ± 0.572	-0.512
bn100604287	0+1+2+9+10	13.440 ± 0.871	-2.304	3.968 ± 0.231	1.920
bn100605774	6+7+9	8.192 ± 2.862	-1.024	3.072 ± 0.810	-0.256
bn100608382	3+6+7	30.208 ± 1.619	-7.680	14.848 ± 1.619	-2.304
bn100609783	3+4+5	111.618 ± 2.111	5.632	34.049 ± 0.724	27.648
bn100612545	2+5	0.576 ± 0.181	0.000	0.320 ± 0.143	0.064

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn100612726	3+4+7+8	8.576 ± 3.210	0.704	2.624 ± 0.286	2.432
bn100614498	6+7+9+10+11	172.291 ± 12.447	-149.763	72.193 ± 5.346	-74.497
bn100615083	6+7+8	37.377 ± 0.979	0.320	26.368 ± 0.689	2.944
bn100616773	10+11	0.192 ± 0.143	-0.192	0.128 ± 0.091	-0.192
bn100619015	2+5	96.002 ± 1.319	0.384	80.642 ± 0.231	7.744
bn100620119	6+7	51.841 ± 8.518	0.192	11.520 ± 0.861	3.008
bn100621452	0+1+3+4+5	122.626 ± 0.923	-5.632	84.481 ± 0.572	7.424
bn100621529	0+1+2+9+10	1.024 ± 0.202	-0.448	0.384 ± 0.143	-0.192
bn100625773	4	0.240 ± 0.276	-0.096	0.128 ± 0.051	-0.016
bn100625891	3+6+7+8	29.184 ± 1.086	-7.424	18.432 ± 0.923	0.512
bn100629801	10+11	0.832 ± 0.373	-0.128	0.320 ± 0.143	0.000
bn100701490	4+5	22.016 ± 5.568	0.096	4.992 ± 0.264	3.552
bn100704149	0+1+2	171.523 ± 2.673	-2.304	7.936 ± 0.923	1.792
bn100706693	8+9+10+11	0.128 ± 0.143	-0.128	0.064 ± 0.091	-0.064
bn100707032	7+8	81.793 ± 1.218	1.088	20.672 ± 0.345	3.712
bn100709602	4+5	100.098 ± 1.527	-2.560	61.505 ± 0.724	3.584
bn100713980	1+3+4+5	7.616 ± 0.529	-0.384	1.472 ± 0.407	-0.128
bn100714672	2	35.584 ± 5.126	-0.512	15.360 ± 1.379	4.352
bn100714686	2+10	5.632 ± 2.064	-3.328	1.280 ± 0.572	-0.256
bn100715477	6+7+8+9	14.848 ± 3.665	-1.024	5.632 ± 2.172	1.536
bn100717372	8+11	5.952 ± 1.507	-0.576	0.832 ± 0.286	3.264
bn100717446	6+7+8+11	2.432 ± 1.356	-0.128	0.768 ± 0.231	0.000
bn100718160	0+1+2+5	32.640 ± 1.864	-21.616	8.576 ± 1.379	-4.208
bn100718796	9+10+11	38.656 ± 8.002	-2.816	12.544 ± 1.280	1.024
bn100719311	0+1+2	1.600 ± 0.854	-1.536	0.512 ± 0.286	-0.640
bn100719825	9+10	3.072 ± 3.114	-2.304	1.280 ± 0.724	-1.024
bn100719989	3+4+5	21.824 ± 1.305	1.536	3.328 ± 0.580	2.624
bn100722096	0+1+3	7.165 ± 1.055	0.003	2.560 ± 0.362	0.768
bn100722291	4+8	1.280 ± 0.905	-1.216	0.384 ± 0.916	-0.384
bn100724029	0+1+2+3+5	114.690 ± 3.238	8.192	47.105 ± 2.290	26.624
bn100725475	6+7+9	146.434 ± 4.971	-2.048	124.930 ± 3.692	6.144
bn100727238	3+4+5	23.808 ± 2.769	-6.656	10.240 ± 1.950	-3.328
bn100728095	0+1+2+5	165.378 ± 2.896	13.312	61.953 ± 1.448	61.441
bn100728439	6+7+8+11	10.240 ± 1.846	-2.048	3.584 ± 0.572	0.256
bn100730463	9+10+11	63.873 ± 8.776	-1.536	33.409 ± 9.026	16.960
bn100802240	3+4+6+7+8	28.672 ± 3.167	-1.792	11.008 ± 1.619	0.512
bn100804104	3+4+6+7+8	6.592 ± 0.771	0.128	3.456 ± 0.286	1.280
bn100805300[b]	7+8+10	0.064 ± 0.072	-0.096	0.064 ± 0.045	-0.096
bn100805845	0+1+5	58.430 ± 6.426	0.003	30.721 ± 2.111	2.368
bn100810049	3+4+5	2.560 ± 1.741	-1.856	1.152 ± 0.659	-1.280

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn100811108	6+7+8+9+10+11	0.384 ± 0.091	-0.064	0.256 ± 0.091	0.000
bn100811781	0+1+3	78.080 ± 3.840	-52.992	48.384 ± 1.619	-40.448
bn100814160	7+8+11	150.530 ± 1.619	0.576	72.193 ± 1.619	5.696
bn100814351	1+2+5	7.424 ± 0.923	-0.768	3.072 ± 0.724	0.768
bn100816009	4+8	62.401 ± 5.278	-21.760	22.720 ± 0.923	-2.560
bn100816026	7+8+11	2.045 ± 0.229	0.003	0.896 ± 0.143	0.512
bn100819498	9+10+11	12.544 ± 1.810	-4.864	5.376 ± 0.680	-1.280
bn100820373	0+1+2+9+10	8.960 ± 2.187	-0.768	1.792 ± 0.572	0.000
bn100825287	2+10	3.328 ± 1.846	-1.280	1.536 ± 0.362	-0.512
bn100826957	6+7+8+11	84.993 ± 0.724	8.704	47.105 ± 0.572	19.456
bn100827455	3+6+7+8	0.576 ± 0.389	-0.128	0.128 ± 0.389	0.320
bn100829374	1+2+5	94.977 ± 2.767	0.256	11.520 ± 1.086	56.065
bn100829876	2+10	8.704 ± 0.389	0.096	1.344 ± 0.143	0.672
bn100831651	4+5	40.193 ± 11.986	-23.296	18.944 ± 2.636	-11.264
bn100902990	6+7+8	22.272 ± 3.338	-4.096	8.704 ± 1.305	-0.512
bn100905907	3+4	11.520 ± 1.145	-4.608	3.584 ± 0.572	-0.256
bn100906576	7+8+11	110.594 ± 2.828	0.768	18.944 ± 1.305	5.120
bn100907751	1+2+5	5.376 ± 2.187	-1.536	1.536 ± 0.923	-0.512
bn100910818	0+1+2+3+5	13.824 ± 0.724	1.344	6.656 ± 0.572	5.184
bn100911816	0+1+3+4+5	5.632 ± 1.999	-0.768	2.304 ± 0.724	-0.256
bn100915243	2+5	7.936 ± 3.367	-7.424	2.304 ± 1.619	-2.816
bn100916779	2+4+5	12.800 ± 2.111	-0.256	10.240 ± 0.810	-0.256
bn100918863	8+10+11	88.834 ± 0.810	18.944	50.945 ± 0.724	38.145
bn100919884	0+1+2+3+5	49.601 ± 2.975	-38.401	16.128 ± 2.073	-8.448
bn100922625	9+10+11	4.352 ± 0.923	-1.024	3.072 ± 0.724	-0.768
bn100923844	0+1	51.713 ± 5.838	-0.768	9.984 ± 0.923	21.248
bn100924165[e]	6+7+9+10+11	9.024 ± 0.362	-0.640	3.776 ± 0.231	0.512
bn100926595	4+8	32.256 ± 0.572	-24.064	13.568 ± 0.572	-11.776
bn100926694	6+7+8+9+11	37.888 ± 2.611	-3.072	28.416 ± 3.415	-0.512
bn100929235	0+1+2+3+5	8.192 ± 2.360	-2.304	3.072 ± 0.923	-1.280
bn100929315	4+5	4.608 ± 1.305	-0.512	1.536 ± 0.724	-0.512
bn100929916	2+5	0.320 ± 0.143	-0.128	0.256 ± 0.143	-0.064
bn101002279	9+10+11	7.168 ± 2.290	-4.352	5.632 ± 1.086	-3.840
bn101003244	3+4+5	9.984 ± 1.448	-1.792	3.840 ± 0.572	0.000
bn101004426	1+2	161.027 ± 7.836	-141.058	93.698 ± 2.673	-94.466
bn101008697	6+7+8+11	8.960 ± 1.846	-2.560	3.072 ± 1.557	-1.024
bn101010190	9+10+11	65.025 ± 6.165	-11.008	49.665 ± 1.086	-1.280
bn101011707	6+8+10+11	36.352 ± 2.318	-1.024	22.528 ± 1.717	1.792
bn101013412	0+1+2+9	15.360 ± 0.572	0.576	7.680 ± 0.272	2.304
bn101014175	6+7+8+11	449.415 ± 1.410	1.408	200.131 ± 1.002	13.632

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn101015558	6+7+8+11	508.168 ± 2.673	-1.536	198.147 ± 2.757	58.881
bn101016243	3+4+6+7+8	3.840 ± 0.362	-1.536	1.280 ± 0.362	-0.256
bn101017619	6+7+8+9	47.872 ± 1.950	-1.024	20.224 ± 2.360	2.560
bn101021009	11	120.770 ± 12.237	-51.457	40.065 ± 0.861	4.032
bn101021063	7+8+9+11	1.536 ± 2.360	-0.512	0.768 ± 0.362	-0.512
bn101023951	2+5	76.801 ± 8.256	9.216	9.216 ± 1.448	61.441
bn101024486	4+5	20.224 ± 2.828	-3.840	13.824 ± 4.128	-1.024
bn101025146	0+1+2+5	14.336 ± 1.846	-1.792	6.400 ± 0.923	-1.280
bn101025267	2+10	30.976 ± 0.923	-1.792	13.824 ± 0.724	0.512
bn101026034	2+5	0.256 ± 0.091	-0.128	0.192 ± 0.143	-0.128
bn101027230	3+6+7	1.344 ± 1.802	-1.280	0.128 ± 0.091	-0.064
bn101030664	1+2+5	95.746 ± 4.375	-69.633	65.537 ± 0.923	-57.601
bn101031625	2+4+5	0.384 ± 0.462	-0.064	0.192 ± 0.143	-0.064
bn101101744	7+8+11	3.328 ± 2.862	-2.304	1.024 ± 0.572	-0.768
bn101101899	3+4+5	31.232 ± 1.619	-4.608	13.824 ± 1.145	0.512
bn101102840	6+7+9+11	43.520 ± 6.676	-1.792	19.200 ± 3.367	2.048
bn101104810	0+2+4+5	1.280 ± 0.572	-0.512	0.768 ± 0.572	0.000
bn101107011	0+3	375.814 ± 8.444	2.304	332.805 ± 3.692	10.496
bn101112924	2+5	9.472 ± 2.996	-5.888	1.792 ± 0.572	-0.256
bn101112984	6+7	82.944 ± 1.717	-9.472	55.808 ± 1.086	1.792
bn101113483	6+7+9+10+11	12.288 ± 0.572	-0.256	6.912 ± 0.572	1.536
bn101116481	2+3	0.576 ± 0.820	-0.128	0.384 ± 0.373	-0.128
bn101117496	7+8+11	50.177 ± 1.639	-2.048	24.064 ± 1.086	11.776
bn101119685	1+2+10	0.640 ± 0.607	-0.320	0.192 ± 0.231	-0.192
bn101123952	9+10+11	103.938 ± 0.572	41.473	36.353 ± 0.810	47.105
bn101126198	6+7+8+11	43.837 ± 1.747	0.004	9.216 ± 0.320	9.792
bn101127093	3+4+5	29.440 ± 4.471	-3.328	22.016 ± 1.145	-2.048
bn101127102	6+7+9	60.672 ± 7.322	-5.120	20.224 ± 0.724	3.584
bn101128322	6+7+9	8.192 ± 1.493	-2.816	2.816 ± 0.572	-1.280
bn101129652	2+6+9	0.384 ± 0.143	-0.064	0.192 ± 0.181	0.064
bn101129726	0+1+2+3+5	0.576 ± 0.202	-0.064	0.320 ± 0.091	0.000
bn101130074	4+5	7.168 ± 3.482	-4.608	3.328 ± 1.717	-2.816
bn101201418	1+2+9+10	112.639 ± 7.455	0.003	35.841 ± 2.896	15.360
bn101202154	10+11	18.432 ± 3.665	0.000	9.984 ± 1.846	2.816
bn101204343	0+3+4+5+6	0.128 ± 0.091	-0.064	0.128 ± 0.091	-0.064
bn101205309	1+2+5	7.936 ± 5.938	-3.840	3.072 ± 1.619	-2.816
bn101206036	0+1+2+9+10	34.813 ± 5.837	0.003	11.200 ± 1.652	4.544
bn101207536	3+4+5	61.441 ± 3.727	5.632	34.817 ± 0.572	11.520
bn101208203	3+5	0.192 ± 1.478	-0.192	0.192 ± 0.143	-0.192
bn101208498	1+2+5	2.048 ± 0.951	-0.640	0.384 ± 0.181	0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn101211485	7+8+11	13.568 ± 7.030	-2.816	4.352 ± 0.724	-1.024
bn101213451	2+5	45.057 ± 1.950	0.256	17.408 ± 1.280	6.144
bn101213849	0+1+3+5	5.120 ± 1.639	-1.536	1.792 ± 0.572	-0.256
bn101214748	2+10	2.240 ± 2.084	-1.408	0.128 ± 0.202	-0.064
bn101214993	3+4+6+7+8	11.520 ± 3.665	-0.768	5.373 ± 2.360	0.003
bn101216721	1+2+5	1.917 ± 0.551	0.003	0.512 ± 0.143	0.320
bn101219686	3+4+6+7+8	51.009 ± 1.775	-4.352	21.824 ± 2.199	2.624
bn101220576	0	72.449 ± 4.048	2.304	22.528 ± 0.923	16.128
bn101220864	3+4+6+7+8	31.745 ± 2.187	-1.024	17.408 ± 2.896	7.168
bn101223834	2+3+4	56.065 ± 5.497	-41.217	13.824 ± 1.280	-5.632
bn101224227	3+4+5	1.728 ± 1.680	-0.064	0.192 ± 0.286	0.000
bn101224578	0+1+2+3+5	44.737 ± 0.889	-0.128	32.257 ± 0.810	3.136
bn101224614	1+2+5	25.601 ± 3.416	-2.560	8.448 ± 1.280	2.048
bn101224998	3+4+5	18.688 ± 8.719	-9.728	7.424 ± 0.362	-1.280
bn101225377	7+8+11	81.217 ± 35.377	20.544	12.352 ± 0.453	81.794
bn101227195	4+8	95.488 ± 1.639	-0.768	86.784 ± 3.665	2.048
bn101227406	0+3+6+9	153.347 ± 2.573	0.768	39.681 ± 0.923	3.840
bn101227536	6+7+8+11	28.865 ± 3.088	-0.128	10.496 ± 0.362	0.832
bn101231067	2+9+10	23.614 ± 0.572	0.003	16.640 ± 0.724	3.904
bn110101202	1+3+4+5	3.584 ± 1.493	-2.304	1.024 ± 1.086	-0.768
bn110101506	6+7	235.523 ± 8.256	-103.425	158.722 ± 8.749	-64.513
bn110102788	0+1+9	253.956 ± 2.049	-119.426	73.921 ± 0.429	7.488
bn110105877	9+10+11	123.394 ± 6.476	-7.680	72.705 ± 3.238	8.192
bn110106893	10+11	35.521 ± 3.612	-16.896	11.648 ± 0.604	-1.024
bn110107886	0+1+2+3	183.555 ± 24.406	-61.185	81.665 ± 11.801	-32.257
bn110108977	1+2	51.456 ± 6.955	-1.024	25.856 ± 1.950	4.608
bn110112934	1+9+10	2.304 ± 2.538	-0.960	0.320 ± 0.326	-0.064
bn110117364	8+10	72.448 ± 9.051	-1.792	41.472 ± 4.404	4.864
bn110117626	6+7+9+10+11	43.264 ± 1.639	-2.048	24.576 ± 0.362	0.768
bn110118857	0+1+2+9	34.561 ± 2.360	-6.144	4.096 ± 0.810	0.256
bn110119931	3+4+5	205.828 ± 1.864	-0.768	44.033 ± 0.923	15.616
bn110120666	6+7+9	26.173 ± 1.568	0.003	6.400 ± 0.572	1.344
bn110123804	0+1+3+4+5	17.856 ± 0.810	0.704	8.064 ± 0.181	5.056
bn110124784	3+6+7	5.376 ± 2.202	-3.328	1.792 ± 0.923	-1.280
bn110125894	0+1+3	4.800 ± 0.923	-0.768	1.856 ± 0.640	-0.256
bn110128073	6+7+9	12.160 ± 4.971	-5.824	4.608 ± 2.470	-2.560
bn110130230	6+7+8+11	47.360 ± 2.187	-0.256	32.000 ± 1.280	4.864
bn110131780	0+1+9	0.384 ± 1.478	-0.192	0.192 ± 0.264	-0.128
bn110201399	4	8.192 ± 0.870	-1.792	3.968 ± 1.421	-0.512
bn110204179	3+4	28.673 ± 6.720	-3.840	5.888 ± 1.280	1.536

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn110205027	4+8	5.376 ± 3.278	-2.816	0.512 ± 0.923	-0.768
bn110205588	5	158.720 ± 2.290	-7.168	138.240 ± 2.896	5.120
bn110206202	2+5	12.288 ± 1.639	-6.400	4.864 ± 0.810	-5.120
bn110207470	3+4+5	37.888 ± 2.290	-1.024	20.480 ± 1.448	11.264
bn110207959	4+8	7.680 ± 4.944	-0.768	3.328 ± 2.611	-0.512
bn110209165	2+5	5.632 ± 0.916	-3.776	2.432 ± 0.640	-3.328
bn110212550[g]	6+7+8+11	0.064 ± 0.036	-0.048	0.032 ± 0.023	-0.032
bn110213220	3+4	34.305 ± 1.639	-0.768	6.400 ± 0.572	14.592
bn110213876	1+2+5	0.448 ± 0.870	-0.192	0.192 ± 0.231	-0.064
bn110217591	0+1+2+9+10	60.672 ± 11.611	-3.328	30.464 ± 4.720	1.536
bn110220761	6+7+9+10+11	33.024 ± 8.738	-1.792	17.408 ± 2.111	-0.256
bn110221244	0+6+9	13.056 ± 1.846	-1.536	4.096 ± 0.572	1.536
bn110226989	9+10+11	14.080 ± 0.923	-2.304	6.400 ± 0.724	0.256
bn110227009	6+7+8+10	1.728 ± 0.653	-0.192	0.768 ± 0.264	-0.128
bn110227229	0+1+6	18.432 ± 2.187	-1.024	8.192 ± 2.290	1.024
bn110227420	9+10+11	25.600 ± 6.869	-11.264	6.141 ± 1.446	0.003
bn110228011	2+5	44.481 ± 2.834	-30.721	7.680 ± 0.792	-1.280
bn110228792	3+4+6+7+8	17.152 ± 2.360	-3.840	9.472 ± 1.448	-0.512
bn110301214	7+8+11	5.693 ± 0.362	0.003	2.304 ± 0.362	1.600
bn110302043	6+7+8	38.336 ± 2.509	-11.200	11.392 ± 1.105	-1.216
bn110304071	2+5	19.520 ± 1.498	-0.256	14.848 ± 0.854	0.832
bn110307972	6+7+9+10+11	2.304 ± 3.444	-1.792	0.768 ± 0.572	-0.512
bn110311812	9+10+11	6.400 ± 1.639	-1.792	2.816 ± 0.362	-0.256
bn110316139	0+3+4+6+7	2.944 ± 2.199	-3.008	1.280 ± 1.802	-1.344
bn110318552	0+1+2+5	14.464 ± 1.094	-2.560	4.096 ± 0.231	3.840
bn110319628	9+10	15.104 ± 1.379	-2.304	7.680 ± 0.923	1.280
bn110319815	2+4+5	31.232 ± 5.049	-2.560	15.360 ± 3.367	0.256
bn110321346[k]	0+1+2+5	30.720 ± 10.764	-4.096	11.264 ± 2.187	-1.280
bn110322558	0+1+3+6+7	36.097 ± 1.846	-4.096	23.296 ± 0.923	2.560
bn110328520	6+7+9+10	83.970 ± 3.482	2.560	27.136 ± 1.379	7.168
bn110331604	1+2+5	3.200 ± 0.951	-0.064	1.152 ± 0.634	0.320
bn110401920	2+9+10	2.368 ± 1.270	-0.640	0.640 ± 0.143	-0.064
bn110402009	2+10	35.649 ± 1.461	1.152	21.952 ± 1.223	3.072
bn110407998	3+4+6+7+8	9.024 ± 0.091	0.832	3.840 ± 0.143	2.752
bn110409179	6+7+8+9+10+11	0.128 ± 0.143	-0.128	0.128 ± 0.091	-0.128
bn110410133	0+1+3+4+5	61.952 ± 1.379	-11.008	32.256 ± 0.572	1.024
bn110410772	0+1+3	7.424 ± 0.810	-4.864	3.584 ± 0.362	-3.072
bn110411629	7+8	23.552 ± 1.950	-3.840	12.800 ± 0.810	-0.768
bn110412315	6+7+9+11	20.733 ± 4.636	0.003	6.912 ± 0.724	2.560
bn110413938	3+4+5	54.272 ± 2.172	-2.816	20.736 ± 2.996	12.800

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn110415541	8+11	166.146 ± 0.810	0.256	154.370 ± 6.197	5.120
bn110420946	2+5	0.128 ± 0.516	-0.064	0.064 ± 0.143	-0.064
bn110421757	3+4+6+7+8	40.449 ± 0.923	-2.560	12.032 ± 0.572	5.120
bn110422029	6+7+8+11	0.320 ± 0.453	-0.128	0.256 ± 0.181	-0.128
bn110424758[b]	0+1+2+5	0.672 ± 1.120	-0.064	0.128 ± 0.385	-0.064
bn110426629	8+9+10+11	356.357 ± 4.345	14.592	105.729 ± 3.167	157.442
bn110428338	3+4+7+8	101.634 ± 2.919	-53.761	59.137 ± 1.280	-30.977
bn110428388	0+3+4+6+7	5.632 ± 0.181	2.688	3.328 ± 0.091	3.904
bn110430375	6+7+9	32.513 ± 1.717	1.024	13.824 ± 0.724	8.704
bn110503145	1+3+4+5	7.936 ± 1.145	-0.256	3.584 ± 0.572	1.280
bn110505203	0+1+6+9	4.096 ± 0.545	-0.384	1.600 ± 0.231	0.320
bn110509142	9+10	68.864 ± 2.757	-11.008	20.992 ± 4.104	-1.536
bn110509475	0+1+2+3+5	0.640 ± 0.779	-0.320	0.384 ± 0.143	-0.064
bn110511616	6+7+9	5.888 ± 1.639	-2.560	2.560 ± 1.086	-1.792
bn110517453	0+1+3+9	0.576 ± 1.810	-0.064	0.128 ± 0.405	0.000
bn110517573	6+7+8+11	23.040 ± 0.362	-0.256	16.384 ± 0.572	2.048
bn110517902[l]	6+7+8+11	23.040 ± 0.362	-0.256	16.384 ± 0.572	2.048
bn110520302	9+10	12.288 ± 11.337	-10.496	5.376 ± 0.923	-5.888
bn110521478	2	6.141 ± 0.809	0.003	1.792 ± 0.572	0.512
bn110522256	9+10	28.160 ± 2.673	-8.704	10.752 ± 1.056	0.256
bn110522296	0+1+3	27.136 ± 1.950	-5.120	6.656 ± 0.724	-0.512
bn110522633	3+4+6+7+8	58.112 ± 2.828	-0.256	20.736 ± 0.572	0.256
bn110523344	9+10+11	44.544 ± 2.611	-1.280	18.176 ± 5.655	0.512
bn110526715	3+4	0.448 ± 0.045	-0.048	0.208 ± 0.036	0.064
bn110528624	3+4+5	69.633 ± 5.526	-1.024	37.120 ± 1.846	8.448
bn110529034	6+7+9+10	0.512 ± 0.091	-0.128	0.256 ± 0.091	-0.064
bn110529262	4+7+8	45.825 ± 1.810	0.256	18.432 ± 0.572	2.816
bn110529811	0+1+2+3+5	34.817 ± 4.636	-2.560	14.080 ± 0.923	1.536
bn110531448	6+7+9+11	38.656 ± 2.360	-4.864	14.592 ± 1.145	-0.768
bn110601681	0+1+2+9+10	52.206 ± 13.350	0.003	21.504 ± 2.290	4.080
bn110605183	1+2+5	82.689 ± 3.083	1.536	24.064 ± 0.572	4.864
bn110605780	9+10+11	1.536 ± 1.056	-0.256	0.768 ± 0.572	0.000
bn110609185	9+10+11	9.984 ± 4.471	-3.328	2.816 ± 1.280	-1.280
bn110609425	0+1+2+9	33.024 ± 2.896	-6.656	15.360 ± 1.280	0.512
bn110610640	0+1+2+9+10	43.521 ± 2.862	-5.632	30.720 ± 1.056	4.096
bn110613631	1+2+9+10	40.193 ± 3.874	-0.256	20.480 ± 1.145	6.144
bn110616648	8+11	12.544 ± 2.611	-4.608	4.864 ± 1.493	-1.280
bn110618366	2+10	163.843 ± 11.406	-3.072	51.201 ± 2.290	16.384
bn110618760	0+1+2	89.601 ± 4.291	-0.512	22.528 ± 0.923	7.680
bn110622158	3+4+5	70.401 ± 0.773	6.080	22.976 ± 0.286	18.688

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn110624906	3+4+5	3.520 ± 1.134	-1.472	1.408 ± 0.429	-1.024
bn110625579	9+10+11	33.280 ± 4.924	-0.768	9.472 ± 0.923	3.584
bn110625881	7+8+11	26.881 ± 0.572	3.840	14.080 ± 0.362	11.264
bn110626448	1+2+5	6.400 ± 1.145	-0.768	2.048 ± 0.724	0.256
bn110629174	0+1+2+5	61.694 ± 18.690	0.003	36.609 ± 1.056	1.024
bn110702187	8+11	34.369 ± 5.736	-10.752	16.384 ± 0.640	-0.512
bn110703557	3+6+7+8	6.720 ± 1.619	-4.224	1.344 ± 0.232	-0.384
bn110705151[g]	3+4+5	0.192 ± 0.036	-0.016	0.128 ± 0.023	0.016
bn110705364	0+1+2+3+4+5	19.200 ± 0.923	0.256	10.752 ± 0.572	4.608
bn110706202	0+1+2+3+4+5	12.032 ± 4.382	-1.536	5.888 ± 2.828	1.024
bn110706477	6+7+9	73.217 ± 14.612	-2.560	16.640 ± 0.923	3.840
bn110706728	6+7+9	16.896 ± 6.339	0.128	10.752 ± 0.286	1.600
bn110706977	6+7+8	33.216 ± 4.007	-14.720	6.912 ± 0.362	0.320
bn110709463	0+1	24.061 ± 0.722	0.003	15.360 ± 0.362	2.560
bn110709642	9+10	43.201 ± 0.405	1.088	19.648 ± 0.231	6.464
bn110709862	1+2+10	5.376 ± 1.493	-1.792	2.304 ± 0.572	-0.768
bn110710954	0+1	22.720 ± 1.604	-4.864	9.856 ± 0.202	1.216
bn110716018	7+8	7.168 ± 1.747	-3.072	1.024 ± 0.320	-0.512
bn110717180[g]	8+11	0.112 ± 0.072	-0.016	0.032 ± 0.023	0.000
bn110717319	7+8+11	90.369 ± 0.810	5.376	25.344 ± 0.572	12.032
bn110720177	0+1+3+4+5	11.200 ± 0.602	-0.128	4.352 ± 0.362	1.344
bn110721200	6+7+9+11	21.822 ± 0.572	0.003	5.376 ± 0.572	1.344
bn110722694	3+4+5	73.473 ± 11.404	-0.512	22.336 ± 1.484	12.992
bn110722710	1+2+10	14.336 ± 2.721	-4.608	4.348 ± 0.920	0.004
bn110725236	6+7+8+11	20.224 ± 1.056	-1.024	17.408 ± 0.724	-0.256
bn110726211	7+8+11	29.952 ± 10.608	-3.840	13.312 ± 0.923	2.304
bn110728056	0+1+9	0.704 ± 0.231	-0.128	0.576 ± 0.320	-0.064
bn110729142	6+7+8	408.582 ± 2.290	2.080	354.310 ± 2.290	22.560
bn110730008	0+3+4	28.416 ± 2.919	-7.936	11.520 ± 2.429	-3.328
bn110730660	9+11	33.856 ± 1.811	-8.704	14.656 ± 0.572	0.512
bn110731465	0+1+3+6+9	7.485 ± 0.572	0.003	4.352 ± 0.362	1.344
bn110801335	8+11	0.384 ± 0.326	-0.128	0.192 ± 0.181	-0.064
bn110803783	6+7+9+11	186.883 ± 2.986	-156.675	153.091 ± 3.727	-142.338
bn110806934	0+1+2+3+5	28.416 ± 0.923	0.256	13.824 ± 0.362	6.144
bn110809461	0+3	12.544 ± 4.615	-4.352	2.816 ± 0.724	0.768
bn110812899	0+1+3	11.264 ± 3.727	-2.304	3.072 ± 0.572	-0.256
bn110813237	3+6+7+9	22.784 ± 3.114	-1.792	4.608 ± 0.810	1.280
bn110817191[e]	6+7+9+11	5.949 ± 0.572	0.003	2.048 ± 0.362	0.832
bn110818860	7+8+11	67.073 ± 3.916	-9.984	28.928 ± 1.379	1.792
bn110819665	8	16.384 ± 6.149	-0.512	2.560 ± 1.145	0.000

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn110820476	0+1+2	11.264 ± 7.331	-4.096	2.816 ± 1.493	-1.792
bn110824009	0+1+2+3+4+5	76.607 ± 9.220	0.003	22.016 ± 5.910	0.832
bn110825102	3+4+6+7+8	62.465 ± 0.231	11.648	4.608 ± 0.091	13.184
bn110825265	6+7+8+9+11	48.128 ± 1.493	-13.824	24.064 ± 0.923	-5.632
bn110828575	0+1+3+7+9	44.673 ± 7.534	-1.120	12.288 ± 2.064	1.824
bn110831282	9+10+11	98.881 ± 3.138	-20.224	35.965 ± 1.104	0.003
bn110901230	0+1+5	22.528 ± 5.620	-7.680	8.960 ± 3.114	-3.584
bn110903009	2+5	27.133 ± 0.571	0.003	19.968 ± 0.362	2.048
bn110903111	0+1+3+4+5	341.254 ± 2.288	-0.256	203.779 ± 2.290	11.264
bn110904124	9+10	83.905 ± 3.853	-0.128	14.848 ± 0.724	38.977
bn110904163	0+1+2+5	51.457 ± 4.128	-1.280	7.424 ± 0.362	9.216
bn110904531	9+10+11	20.480 ± 5.479	-2.560	8.192 ± 0.923	-0.512
bn110906302	7+8+11	23.936 ± 2.550	-5.376	6.016 ± 0.286	0.384
bn110909116[m]	7+9	20.736 ± 1.639	-12.288	6.400 ± 0.724	-1.280
bn110911071	10	8.960 ± 4.352	-4.608	3.840 ± 2.429	-1.536
bn110916016	9+10+11	1.792 ± 1.993	-1.408	0.704 ± 0.551	-0.768
bn110919634	4+7+8	35.073 ± 3.974	10.496	12.032 ± 0.810	23.296
bn110920338	6+7+9	9.728 ± 0.810	-0.512	3.584 ± 0.362	0.000
bn110920546	0+1+3	160.771 ± 5.221	5.120	58.369 ± 2.290	18.432
bn110921444	6+7+8+9+11	149.507 ± 10.691	-68.609	83.969 ± 23.641	-37.889
bn110921577	2+9+10	40.705 ± 1.810	-30.209	17.920 ± 1.379	-15.104
bn110921912	1+9	17.664 ± 0.345	0.896	5.376 ± 0.143	2.624
bn110923481	1+2+3+4+5	1.664 ± 0.264	-1.664	0.640 ± 0.286	-1.088
bn110923835	9+10+11	46.398 ± 11.279	0.003	12.800 ± 1.619	1.344
bn110926107	9+10+11	75.265 ± 1.280	-0.768	49.921 ± 0.487	13.440
bn110928180[n]	0+1+3+4	148.226 ± 1.925	-119.298	15.424 ± 0.500	0.576
bn110929187	0+6+9+10	5.120 ± 0.572	-0.512	1.792 ± 0.362	0.000
bn110930564	4+5	37.889 ± 5.431	-6.912	15.616 ± 1.864	1.024
bn111001804	7+9+10+11	0.384 ± 1.361	-0.256	0.256 ± 0.286	-0.256
bn111003465	3+4+6+7+8	16.640 ± 1.056	0.512	7.168 ± 0.362	2.816
bn111005398	0+1+2+6+9+10	30.720 ± 3.093	-11.264	9.472 ± 0.724	-1.024
bn111008992	0+1+3+4+5	42.496 ± 4.128	-4.096	18.176 ± 0.923	2.304
bn111009282	0+1	20.736 ± 4.221	-0.256	6.144 ± 1.448	3.072
bn111010237	9+10	82.433 ± 8.444	-3.584	27.648 ± 2.896	6.144
bn111010660	1+2+3+4+5	8.704 ± 2.111	-1.024	4.864 ± 0.724	-0.512
bn111010709	6+7+9	52.993 ± 0.923	1.536	35.840 ± 0.572	7.680
bn111010899	6+7+9	18.560 ± 2.988	-14.656	3.328 ± 0.916	-2.112
bn111011094	6+7+8+9+11	1.472 ± 0.771	-0.064	0.192 ± 0.143	-0.064
bn111012456	2+5	20.736 ± 0.724	1.024	8.448 ± 0.572	4.608
bn111012811	3+4+6+7+8	7.936 ± 1.145	-0.512	3.072 ± 0.724	0.000

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn111015427	2+5	92.737 ± 3.319	-0.640	50.177 ± 1.361	12.800
bn111017657	1+6+7+8+9	11.072 ± 0.410	0.256	3.520 ± 0.181	3.648
bn111018595	2+9+10	8.192 ± 1.864	-0.768	3.584 ± 1.056	0.000
bn111018785	0+3+4	29.697 ± 1.810	-6.400	13.824 ± 1.280	-0.768
bn111022854	3+6+7	0.192 ± 0.707	-0.128	0.128 ± 0.091	-0.128
bn111024722	3+4+5	65.025 ± 1.639	-1.024	31.489 ± 4.636	7.168
bn111024896	7+8+11	0.960 ± 1.032	-0.064	0.256 ± 0.143	-0.064
bn111025078	0+1+3	51.712 ± 2.202	-0.512	31.488 ± 1.280	7.936
bn111103441	2+9+10	11.968 ± 6.426	-0.128	7.680 ± 0.724	0.576
bn111103948	4+5	0.320 ± 0.181	-0.064	0.192 ± 0.202	0.000
bn111105457	0+1+3	43.264 ± 0.572	-9.728	32.512 ± 1.557	-2.560
bn111107035	4+8	12.032 ± 0.923	-1.536	5.376 ± 1.086	0.512
bn111107076	6+9+10	77.185 ± 0.810	0.192	41.025 ± 0.410	5.504
bn111109453	1+2+9+10	4.864 ± 2.757	-2.560	1.792 ± 1.145	-0.512
bn111109873	8	9.664 ± 6.457	-4.608	3.200 ± 1.175	0.512
bn111112908	0+1+3+4+5	0.224 ± 0.097	-0.032	0.096 ± 0.045	0.000
bn111113410	6+7+8+9+11	15.360 ± 1.639	-1.024	5.120 ± 1.145	1.792
bn111114233	0+3+4+6+7	22.016 ± 2.673	-1.536	9.216 ± 1.145	0.256
bn111117510	0+6+7+9	0.432 ± 0.082	-0.064	0.352 ± 0.036	0.000
bn111117526	0+1+6+9+10	23.808 ± 1.717	-1.280	13.824 ± 0.923	2.560
bn111120556	1+2+10	98.626 ± 2.970	-21.248	17.408 ± 1.448	-8.192
bn111124308	6+7+8+11	8.960 ± 3.114	-0.768	3.072 ± 0.923	0.256
bn111127810	9+10	19.008 ± 2.548	-0.768	4.352 ± 0.286	6.592
bn111201599	3+4+5	16.896 ± 3.974	-1.792	8.448 ± 1.846	0.768
bn111203054	6+7+9	55.553 ± 5.684	-44.545	14.080 ± 1.557	-7.424
bn111203609	0+1+3+5	22.016 ± 6.734	-2.816	9.984 ± 6.446	-1.280
bn111207512	0+1+6+9	0.768 ± 1.145	-0.896	0.512 ± 0.181	-0.768
bn111208353	0+1+3	40.961 ± 4.345	-4.096	11.264 ± 2.290	1.024
bn111216389	2+10	81.921 ± 0.724	3.840	32.769 ± 0.724	41.985
bn111220486	0+1+2+5	39.041 ± 5.101	-6.144	13.760 ± 0.231	6.144
bn111221739	2+10	27.136 ± 7.186	-0.512	12.288 ± 11.779	-0.256
bn111222619	8+11	0.288 ± 0.036	-0.016	0.144 ± 0.023	0.016
bn111226795	0+1+2+9+10	74.753 ± 8.749	-6.144	22.528 ± 2.290	5.120
bn111228453	3+4+6+7	2.944 ± 0.979	0.096	1.280 ± 0.231	0.736
bn111228657	6+7+8	99.842 ± 2.111	-49.409	46.337 ± 0.724	1.024
bn111230683	10	28.160 ± 1.557	-12.800	8.192 ± 1.379	-2.048
bn111230819	0+1+6+9	12.736 ± 1.145	-0.640	9.216 ± 0.572	0.832
bn111231622	5	8.256 ± 4.136	-2.304	3.264 ± 1.332	-1.152
bn120101354[b]	3+6+7+8	0.128 ± 0.072	-0.096	0.064 ± 0.091	-0.064
bn120102095	3+4+5	28.417 ± 8.204	-11.520	4.032 ± 0.231	3.200

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn120102416	1+2+5	20.224 ± 2.769	-10.240	4.096 ± 0.923	-0.256
bn120105584	0+1+3	22.528 ± 2.202	-8.192	6.400 ± 1.864	-3.584
bn120107384	3+4+6+7+8	23.040 ± 0.143	0.064	16.192 ± 0.231	2.432
bn120109824	1+2	38.656 ± 3.114	-2.048	17.152 ± 1.619	0.256
bn120111051	9+10+11	76.801 ± 5.515	-2.048	25.600 ± 4.580	5.120
bn120114433	0+1+6+7+9	2.752 ± 1.569	-0.128	1.408 ± 1.120	0.128
bn120114681	1+2+5	43.264 ± 5.804	-7.936	11.264 ± 0.810	-1.536
bn120117291	1+2+5	3.328 ± 1.600	-2.752	1.600 ± 1.946	-1.664
bn120118709	6+7	37.825 ± 12.586	-3.328	10.752 ± 1.145	1.472
bn120118898	6+7+8+11	17.152 ± 2.111	-0.512	12.800 ± 0.362	-0.256
bn120119170	9+10+11	55.297 ± 6.229	3.072	16.384 ± 1.448	11.264
bn120119229	0+1+3	41.728 ± 1.557	0.000	19.712 ± 1.056	2.304
bn120119354	3+6+7	16.896 ± 3.278	-7.168	5.632 ± 0.923	-0.512
bn120120432	6+7+9+11	32.256 ± 6.481	0.000	13.312 ± 1.717	3.328
bn120121101	0+1+2+3+5	18.432 ± 3.727	-3.328	6.144 ± 0.724	0.768
bn120121251	4+7+8	37.121 ± 11.876	-5.632	10.752 ± 0.572	7.168
bn120122300	7+8+11	16.701 ± 1.881	0.003	5.632 ± 0.923	2.112
bn120129312	3+4	1.280 ± 0.689	-0.640	0.384 ± 0.362	-0.512
bn120129580	7+8+11	3.072 ± 0.362	0.320	1.536 ± 0.362	1.088
bn120130699	8+10+11	27.777 ± 0.694	-0.640	13.184 ± 0.462	9.600
bn120130906	3+4+6+7+8	3.584 ± 1.379	-1.280	2.048 ± 0.572	-0.768
bn120130938	0+9	38.913 ± 7.455	-5.120	9.216 ± 2.290	4.096
bn120203812	2+5	10.240 ± 2.429	-4.864	2.560 ± 0.572	-2.048
bn120204054	0+1+3+5	49.089 ± 0.429	10.176	13.568 ± 0.143	32.129
bn120205285	3+4+5	0.576 ± 0.272	-0.576	0.320 ± 0.143	-0.448
bn120206949	7+8+11	9.472 ± 3.338	-0.256	1.024 ± 0.362	4.352
bn120210650	0+1+2+3+9	1.344 ± 0.264	-0.064	0.704 ± 0.181	0.000
bn120212353[b]	1+6+9	0.864 ± 0.577	-0.832	0.480 ± 0.611	-0.544
bn120212383	0+3+4	9.216 ± 0.724	-2.048	3.584 ± 1.145	-1.024
bn120213606	6+7+8+11	13.824 ± 3.328	-3.072	4.352 ± 0.362	0.512
bn120217808	8+11	5.888 ± 2.862	-0.512	1.536 ± 0.572	0.000
bn120217904	1+2+5	2.624 ± 0.300	-0.224	0.384 ± 0.143	0.416
bn120218276	0+1+6+9+10	256.260 ± 5.221	-212.996	191.235 ± 1.999	-184.579
bn120219563	0+1+2+3	8.128 ± 0.429	-1.152	4.544 ± 0.410	-0.128
bn120220210	0+1+9+10	21.248 ± 1.639	-5.376	9.216 ± 1.379	-1.792
bn120222021	1+3+4+5	1.088 ± 0.143	-0.064	0.512 ± 0.143	0.064
bn120222119	2+5	29.440 ± 5.382	-5.120	9.728 ± 1.846	-1.280
bn120223933	0+1+9+10	14.336 ± 2.360	-0.512	4.352 ± 0.724	0.512
bn120224282	9+10+11	60.929 ± 3.093	1.792	44.033 ± 1.379	11.776
bn120224898	0+1+3+5	29.184 ± 4.222	0.256	12.288 ± 1.086	3.840

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn120226447	8	14.592 ± 3.916	-3.264	4.864 ± 0.362	0.320
bn120226871	0+1+2	52.993 ± 0.572	4.352	23.040 ± 0.572	11.520
bn120227391	8+11	19.712 ± 1.717	-0.768	12.032 ± 0.572	3.840
bn120227725	8+11	17.408 ± 0.810	0.256	6.656 ± 0.572	5.632
bn120302080	8+11	80.384 ± 16.927	0.768	43.776 ± 2.521	8.960
bn120302722	4+5	1.600 ± 0.779	-0.128	0.512 ± 0.466	0.000
bn120304061	6+7+8+9+11	9.984 ± 1.055	-0.256	3.328 ± 0.362	0.512
bn120304248	4+5	5.376 ± 0.572	-0.256	3.072 ± 0.572	0.512
bn120308588	4+8	25.600 ± 1.557	-21.504	2.048 ± 0.362	-0.512
bn120312671	0+1+2+9+10	13.312 ± 3.167	-2.048	4.608 ± 0.923	-0.512
bn120314412	0+1+3	1.280 ± 1.086	-1.280	0.768 ± 0.923	-0.768
bn120316008	0+1+9	26.624 ± 0.362	1.536	11.264 ± 0.810	10.240
bn120319983	6+7+9	72.448 ± 7.832	-4.608	40.448 ± 3.114	1.536
bn120323162	9+10+11	4.352 ± 0.724	-0.768	1.536 ± 0.362	-0.256
bn120323507	0+1+3	0.384 ± 0.036	0.000	0.112 ± 0.023	0.032
bn120326056	0+1+2+3+5	11.776 ± 1.810	-1.280	4.096 ± 0.724	0.256
bn120327418	8+11	0.256 ± 1.319	-0.192	0.128 ± 1.032	-0.192
bn120328268	6+7+8+9+11	29.697 ± 1.056	3.840	14.848 ± 0.572	6.912
bn120331055	4+5	16.384 ± 10.367	-2.816	1.280 ± 3.328	2.560
bn120402669	10+11	20.224 ± 0.810	-2.080	2.524 ± 0.572	0.004
bn120403857	9+10	4.288 ± 1.935	-3.968	1.408 ± 1.620	-1.536
bn120410585	9+10+11	1.088 ± 1.180	-1.024	0.192 ± 0.143	-0.128
bn120411925	3+4+5	38.912 ± 1.493	0.000	35.072 ± 1.145	1.536
bn120412055	3+4+5	9.728 ± 3.566	-4.096	3.584 ± 1.717	-2.560
bn120412920	2+5	101.182 ± 4.871	0.003	11.264 ± 0.572	71.745
bn120415076^{o}	6+7+8+9+11	12.544 ± 4.128	-0.512	3.584 ± 0.923	0.512
bn120415891	6+7+9+10+11	0.960 ± 0.264	-0.256	0.320 ± 0.181	-0.192
bn120415958	10+11	12.544 ± 1.717	-4.352	4.096 ± 0.724	-2.816
bn120420249	1+2+5	25.600 ± 4.419	-0.768	6.912 ± 0.923	1.280
bn120420858	4+8	254.913 ± 4.222	0.003	124.866 ± 3.238	21.504
bn120426090	2+10	2.688 ± 0.091	0.288	1.088 ± 0.091	0.736
bn120426585	6+7+8+11	30.973 ± 3.620	0.003	13.824 ± 0.810	2.816
bn120427054	9+10+11	5.376 ± 0.572	0.512	1.792 ± 0.362	1.536
bn120427153	0+1+3+6+7	22.784 ± 1.999	-2.304	11.520 ± 1.086	-0.512
bn120429003	9+10+11	1.664 ± 0.968	-0.192	0.640 ± 0.326	0.000
bn120429484	0+1+3+4+5	15.360 ± 1.619	-1.024	10.240 ± 1.145	0.000
bn120430980	0+1+9	14.592 ± 2.172	-2.304	7.168 ± 1.717	-1.280
bn120504468	1+3+4+5	41.985 ± 2.673	-0.512	20.480 ± 0.724	5.888
bn120504945	6+7+11	5.760 ± 0.779	-2.304	2.048 ± 0.405	-0.640
bn120506128	3+6+7	2.304 ± 1.379	-0.768	1.280 ± 0.724	-0.512

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn120509619	6+9+10+11	0.704 ± 1.404	-0.192	0.320 ± 0.143	-0.128
bn120510900	10+11	62.465 ± 3.908	1.792	27.392 ± 1.493	15.872
bn120511638	3+8+9	45.249 ± 2.940	-0.128	24.576 ± 4.580	2.112
bn120512112	0+1+2+9+10	18.176 ± 1.350	0.384	7.360 ± 0.345	4.096
bn120513531	6+7+9	23.808 ± 0.923	-0.512	9.984 ± 8.764	8.448
bn120519721	4+7+8	1.056 ± 0.451	-0.048	0.384 ± 0.045	0.272
bn120520949	0+1+3+5	5.760 ± 1.356	-4.736	3.456 ± 0.345	-3.264
bn120521380	9+10+11	91.134 ± 4.222	0.004	19.456 ± 2.896	4.096
bn120522361	4+5	28.160 ± 8.039	-11.520	8.448 ± 1.056	3.072
bn120524134	3+4	0.704 ± 0.466	-0.128	0.256 ± 0.143	-0.128
bn120526303	4	43.649 ± 1.002	3.072	24.448 ± 0.272	13.120
bn120528442	9+10+11	16.384 ± 5.177	-0.768	5.376 ± 0.362	1.024
bn120530121	3+6+7	77.054 ± 1.810	0.003	51.457 ± 0.572	3.840
bn120531393	9+10+11	25.344 ± 7.186	-2.816	7.424 ± 0.923	-1.024
bn120603439	4+7+8	0.384 ± 0.345	-0.064	0.256 ± 0.091	-0.064
bn120604220	4+7+8	10.496 ± 5.615	-2.816	4.352 ± 2.111	-0.512
bn120604343	3+4+5	12.032 ± 3.278	-2.560	5.632 ± 1.280	0.000
bn120605453	9+10+11	18.112 ± 1.086	-0.640	3.389 ± 1.557	0.003
bn120608489	3+6+7	0.960 ± 1.611	-0.192	0.448 ± 0.326	-0.064
bn120608777	6+7+8	24.832 ± 3.840	-14.336	9.216 ± 0.810	-4.608
bn120609580	0+1+3	1.792 ± 0.810	-0.768	1.024 ± 0.362	-0.512
bn120611108	6+7+9	49.921 ± 1.639	-9.216	27.392 ± 1.846	1.280
bn120612680	9+10	63.232 ± 7.886	-10.496	32.256 ± 1.950	1.024
bn120612687	3+4+8	0.256 ± 0.453	-0.192	0.192 ± 0.143	-0.192
bn120616630[g]	3+6+7	0.048 ± 0.484	-0.048	0.032 ± 0.036	-0.048
bn120618128	0+1+2+9	17.600 ± 1.820	-0.128	5.888 ± 0.572	1.600
bn120618919	10	47.616 ± 12.299	-20.480	14.848 ± 0.724	-3.584
bn120619884	6+7+9	0.960 ± 0.960	-0.256	0.384 ± 0.181	-0.128
bn120624309[b]	1+2+9+10	0.640 ± 0.160	-0.064	0.160 ± 0.072	0.032
bn120624933	0+1+2+9+10	271.364 ± 4.580	-257.028	112.642 ± 4.580	-185.347
bn120625119	2+4+5	7.424 ± 0.571	-0.256	2.560 ± 0.362	2.048
bn120629565	3+6+7+8	0.704 ± 1.026	-0.384	0.320 ± 0.405	-0.256
bn120701654	8+10+11	1.024 ± 1.451	-0.960	0.128 ± 1.313	-0.192
bn120702891[p]	6+7+9	35.073 ± 4.924	-1.024	15.360 ± 2.111	1.024
bn120703417	3+4+5	64.513 ± 3.083	-0.512	36.609 ± 2.064	3.840
bn120703498	4+8	77.568 ± 2.187	-2.048	34.304 ± 11.531	0.768
bn120703726	6+7+9+10+11	8.960 ± 1.379	0.768	1.536 ± 0.362	4.608
bn120707800	8+11	40.960 ± 4.238	1.520	16.640 ± 0.724	14.064
bn120709883	6+7+9	27.328 ± 0.958	-0.128	11.776 ± 0.362	10.816
bn120710100	0+3+4+6+7	131.840 ± 1.056	0.000	94.720 ± 5.382	26.112

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn120711115	2+10	44.033 ± 0.724	62.465	25.088 ± 0.724	71.681
bn120711446	0+1+3	87.552 ± 3.874	-1.280	45.312 ± 1.379	5.376
bn120712571	0+3+4+6+7	22.528 ± 5.431	-1.792	7.424 ± 0.572	2.048
bn120713226	3+4+5	13.824 ± 3.435	-3.072	5.888 ± 3.482	-1.280
bn120715066	0+2+9+10	29.696 ± 3.083	-4.864	14.080 ± 1.145	2.048
bn120716577	10+11	24.960 ± 3.958	-5.888	7.680 ± 0.820	0.512
bn120716712	9+10+11	226.048 ± 1.056	0.256	23.296 ± 0.362	180.480
bn120719146	1+2+9+10	75.009 ± 3.114	0.768	32.513 ± 1.086	7.168
bn120727354	0+1+2+9	0.896 ± 1.280	-0.896	0.512 ± 0.462	-0.640
bn120727681	1+2+9+10	10.496 ± 1.639	-0.224	4.125 ± 1.448	0.003
bn120728434	2+5	100.481 ± 6.623	11.008	50.753 ± 1.132	24.640
bn120728934	4+5	32.768 ± 2.429	-1.536	13.568 ± 0.923	2.048
bn120729456	1+2+9+10	25.472 ± 2.612	-1.024	8.320 ± 0.345	1.344
bn120801920	4	479.239 ± 23.752	-7.168	435.206 ± 1.448	6.144
bn120805706	2+9+10	1.856 ± 1.296	-0.960	0.768 ± 0.410	-0.704
bn120806007	6+7+8+9	26.624 ± 1.557	-0.256	7.680 ± 0.810	2.560
bn120811014	4+7+8	0.448 ± 0.091	-0.128	0.320 ± 0.091	-0.064
bn120811649	4+8	14.336 ± 6.557	-7.168	6.144 ± 2.721	-3.072
bn120814201	2+10	0.896 ± 1.032	-0.384	0.512 ± 0.231	-0.128
bn120814803	0+3+4+6+7	0.192 ± 0.272	-0.192	0.128 ± 0.181	-0.128
bn120817057	7+8+11	36.864 ± 4.672	-6.400	11.520 ± 1.448	-1.280
bn120817168	6+7+8+11	0.160 ± 0.113	-0.032	0.032 ± 0.023	-0.016
bn120819048	0+1+3	66.304 ± 1.379	-5.632	59.392 ± 0.572	-0.768
bn120820585	0+1+3+5	107.522 ± 9.159	-17.408	33.025 ± 5.790	-0.256
bn120822628	0+6+7+9	1.536 ± 0.842	-1.280	0.768 ± 0.707	-0.768
bn120824594	3+4+5+6	111.618 ± 7.241	-8.192	29.697 ± 3.692	5.120
bn120827216	2+10	5.056 ± 2.127	-1.664	1.984 ± 0.269	-0.128
bn120830212	10	16.064 ± 3.649	0.448	4.032 ± 0.640	1.856
bn120830297	0+1+3	0.896 ± 0.231	0.000	0.576 ± 0.181	0.128
bn120830702	0+1+2+3+5	49.665 ± 4.382	-15.616	22.784 ± 0.572	5.632
bn120831901	3+4+5	0.384 ± 0.547	-0.256	0.128 ± 0.143	-0.128
bn120905657	6+7+9+10+11	195.587 ± 16.795	-7.168	83.969 ± 7.384	10.240
bn120907017	4	5.760 ± 1.778	-1.920	1.152 ± 0.462	-0.896
bn120908873	2+10	46.849 ± 2.611	0.576	13.824 ± 0.724	10.048
bn120908938	3+4+8	66.945 ± 2.988	-4.608	32.193 ± 8.262	3.712
bn120909070	6+7+8	112.066 ± 10.419	-0.768	68.865 ± 3.661	14.976
bn120911298	6+7+9	22.016 ± 1.833	-4.480	7.936 ± 1.305	-0.512
bn120913846	1+2+5	33.792 ± 1.379	-1.536	22.272 ± 0.724	1.024
bn120913997	0+1+3+4+5	130.050 ± 3.566	-32.001	47.105 ± 1.056	2.304
bn120914144	3+4+7	10.240 ± 4.048	-1.280	2.304 ± 1.056	-0.512

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn120915000	0+1+3	0.576 ± 1.318	-0.320	0.320 ± 0.091	-0.128
bn120915474	3+4+7+8	5.888 ± 0.923	-2.304	3.328 ± 1.145	-0.768
bn120916085	3+4+6+7+8	1.280 ± 1.493	-0.256	0.896 ± 0.528	-0.256
bn120916173	6+9+10	52.993 ± 0.810	-52.737	20.480 ± 0.362	-49.921
bn120919052	0+1+3	118.018 ± 0.362	2.048	12.288 ± 0.362	35.840
bn120919309	0+1+2+3+5	21.248 ± 1.810	0.512	2.816 ± 0.572	2.304
bn120919816	6+7+8+9	20.480 ± 1.305	-3.072	6.656 ± 0.810	-1.280
bn120920003	6+7+9+11	28.160 ± 4.382	-1.792	12.288 ± 1.999	2.304
bn120921877	3+4+5	5.632 ± 1.145	-0.256	1.280 ± 0.572	0.000
bn120922939	1+2+5	182.275 ± 19.777	-113.666	95.233 ± 4.580	-92.162
bn120926335	0+1+2+9+10	4.288 ± 1.833	-0.640	1.536 ± 0.362	0.320
bn120926426	7+8	60.161 ± 3.482	-2.304	10.752 ± 1.305	0.768
bn120926753	7+8+11	3.072 ± 2.064	-1.536	1.280 ± 1.305	-1.280
bn121004211	3+4	1.536 ± 0.572	-0.512	0.768 ± 0.362	-0.256
bn121005030	5	96.768 ± 3.556	-31.232	26.880 ± 13.373	-12.800
bn121005340	0+1+2+5	141.568 ± 3.665	0.000	98.048 ± 2.290	17.152
bn121008424	0+1+9	3.456 ± 0.345	-0.320	2.304 ± 0.181	-0.128
bn121011469	0+1+2+3+5	65.793 ± 4.382	1.024	18.176 ± 1.305	3.840
bn121012724	6+7+8+9+11	0.448 ± 0.091	-0.128	0.256 ± 0.143	-0.064
bn121014638	6+7+8+9+11	0.576 ± 0.979	-0.640	0.192 ± 0.181	-0.448
bn121019233	6+7+8	14.336 ± 7.907	-2.560	6.912 ± 4.238	2.048
bn121023322	9+10	0.512 ± 0.181	-0.128	0.320 ± 0.091	-0.064
bn121027038	2+10	166.915 ± 3.692	-65.537	93.442 ± 2.415	-0.256
bn121028280	7+8+11	11.008 ± 2.360	-1.792	3.328 ± 0.724	-0.256
bn121029350	0+1+3+4+5	15.808 ± 0.572	-0.896	2.816 ± 0.572	10.816
bn121031949	3+4+5	242.436 ± 4.404	-27.392	193.795 ± 1.145	4.096
bn121102064	3+4+5	2.048 ± 1.379	-1.536	1.280 ± 0.572	-0.768
bn121104627	6+9+10+11	59.137 ± 7.241	-1.024	20.224 ± 3.665	2.304
bn121109338	8+11	22.144 ± 2.919	-6.912	5.824 ± 0.272	0.512
bn121112806	6+7+9+10+11	1.280 ± 1.358	-0.128	0.384 ± 0.590	0.128
bn121113544	9+10	95.490 ± 2.611	1.536	49.665 ± 0.572	12.032
bn121116459	4+5	0.832 ± 0.590	-0.704	0.448 ± 0.181	-0.448
bn121117018	0+1+2+3+5	331.782 ± 4.048	-270.341	48.385 ± 2.986	-30.977
bn121118576	1+2+9+10	33.277 ± 0.808	0.003	17.920 ± 0.724	3.840
bn121119579	6+7+8	2.304 ± 0.429	-0.256	1.024 ± 0.202	-0.064
bn121122564	6+7+9+10+11	8.704 ± 0.724	-1.280	3.072 ± 0.572	-0.768
bn121122870	9+10+11	125.439 ± 0.724	0.003	108.290 ± 0.724	11.520
bn121122885	10	7.936 ± 0.572	0.512	3.584 ± 0.362	2.048
bn121123421	3+4+5	102.338 ± 31.849	3.840	34.625 ± 8.155	18.560
bn121123442	9+10+11	42.497 ± 1.999	2.304	17.408 ± 0.572	11.520

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn121124606	10+11	0.256 ± 0.842	-0.128	0.128 ± 0.143	-0.128
bn121125356	0+3+4+6	49.857 ± 2.099	-6.144	25.088 ± 0.724	9.024
bn121125469	0+1+3	12.864 ± 4.844	-2.304	4.416 ± 1.088	-1.024
bn121127914	4+8	0.640 ± 0.405	-0.064	0.128 ± 0.091	0.000
bn121128212	3+4	17.344 ± 0.923	-0.768	6.016 ± 0.181	3.008
bn121202181	0+1+2+5	17.152 ± 1.999	-4.608	10.240 ± 1.145	-1.792
bn121205507	0+1+3	2.816 ± 0.231	-0.384	2.432 ± 0.272	-0.192
bn121210081	3+4	12.800 ± 3.238	-1.536	7.164 ± 1.448	0.004
bn121211574	3+4+5	5.632 ± 1.717	-3.072	2.048 ± 1.145	-1.536
bn121211695	6+7+9+10+11	8.960 ± 1.864	-0.512	3.328 ± 0.362	0.256
bn121216419	3+4	9.216 ± 2.560	-2.048	5.120 ± 0.810	-0.256
bn121217313	9+10	828.672 ± 11.363	-807.424	736.512 ± 1.280	-736.256
bn121220311	6+7+9	5.120 ± 0.810	-1.280	3.584 ± 0.724	-0.512
bn121221916	0+1+3+4+5	38.913 ± 2.290	-3.072	14.336 ± 2.896	1.024
bn121223300	6+7+8+9+11	11.005 ± 0.724	0.003	4.096 ± 0.362	2.048
bn121225417	1+3+5	58.497 ± 0.820	9.472	35.585 ± 0.181	19.328
bn121229533	3+4+5	23.037 ± 1.810	0.003	6.656 ± 0.724	2.048
bn121231445	1+2+5	32.768 ± 5.152	-5.632	13.312 ± 2.318	0.000
bn130104721	0+1+3	26.368 ± 3.593	-1.792	9.472 ± 0.572	2.560
bn130106829	0+1+3	11.264 ± 1.379	-2.560	7.420 ± 0.572	0.004
bn130106995	2+5	70.401 ± 0.572	-1.024	49.921 ± 0.923	7.168
bn130109206	0+1+3+5	8.960 ± 1.208	-3.584	2.816 ± 0.462	0.576
bn130112286	0+1+3+5	35.328 ± 1.846	-29.696	14.848 ± 2.111	-12.288
bn130112353	6+7+9	2.048 ± 1.557	-0.768	0.768 ± 0.362	-0.256
bn130114019	0+1+3+4+5	8.704 ± 1.846	-2.048	4.608 ± 1.619	-1.024
bn130115716	6+7+8+11	13.568 ± 1.846	-3.840	5.888 ± 0.572	1.280
bn130116415	4+5	66.816 ± 6.085	-4.096	47.360 ± 1.639	-1.792
bn130117087	3+4+6	78.848 ± 2.636	1.792	30.464 ± 1.280	22.528
bn130118482	3+4+7	21.568 ± 14.999	-5.632	6.400 ± 1.231	-0.576
bn130121835	4+8	178.691 ± 1.145	1.792	25.856 ± 2.318	5.632
bn130123843	0+1+3+5	22.016 ± 1.448	-3.328	11.776 ± 0.572	-0.256
bn130127299	0+1+3	19.456 ± 2.721	-3.840	12.288 ± 3.665	-1.536
bn130127743	0+1+3+4+5	0.144 ± 0.804	-0.112	0.016 ± 0.036	-0.016
bn130131511	7+8	147.459 ± 1.145	3.584	55.553 ± 0.572	24.576
bn130204484	0+6+9+10	0.192 ± 0.091	-0.128	0.128 ± 0.091	-0.128
bn130206482	0+1+2+3+5	11.264 ± 1.950	-4.608	2.816 ± 0.724	1.280
bn130206817	3+6	91.586 ± 12.332	-2.560	46.849 ± 3.967	2.560
bn130208684	6+7+9+10+11	41.472 ± 2.360	-1.024	30.208 ± 0.923	2.304
bn130209961	6+7+9	9.790 ± 0.408	0.003	5.120 ± 0.572	3.136
bn130213905	9+10+11	15.360 ± 6.557	-5.632	6.144 ± 2.064	-1.792

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn130214137	0+1+3+5	96.768 ± 5.443	-3.328	48.384 ± 3.908	1.792
bn130214800	3+4+6+7+8	13.760 ± 1.639	-3.584	4.288 ± 0.320	1.152
bn130215063	1+2+10	143.746 ± 13.029	-5.632	38.913 ± 1.741	7.680
bn130215649	4+5	58.113 ± 1.557	6.912	26.368 ± 0.810	17.152
bn130216790	2+10	12.992 ± 1.280	-5.248	3.072 ± 0.572	0.576
bn130216927	1+2+9+10	6.592 ± 0.345	-0.192	3.136 ± 0.466	2.176
bn130217688	7+8+11	14.848 ± 2.202	-11.264	4.608 ± 2.290	-4.096
bn130218261	2+10	37.121 ± 3.665	-6.144	19.200 ± 0.923	6.144
bn130219197	7+8+9+10+11	168.003 ± 2.172	5.376	68.353 ± 1.145	44.097
bn130219626	9+10+11	1.536 ± 1.405	-1.088	0.064 ± 0.091	-0.064
bn130219775	3+4+5	96.130 ± 0.405	0.640	9.536 ± 0.272	75.777
bn130220964	0+1+2+3+5	6.400 ± 0.810	0.256	2.816 ± 0.362	1.280
bn130224370	3+4+6+7+8	70.913 ± 4.291	-35.841	13.056 ± 3.416	-4.096
bn130228111	0+1+3	107.778 ± 1.448	-9.984	61.953 ± 0.724	22.528
bn130228212	10	15.677 ± 0.627	0.003	8.192 ± 0.362	5.696
bn130304410	10+11	67.841 ± 2.862	0.832	20.992 ± 0.810	4.672
bn130304658	2+10	23.296 ± 4.382	-15.360	9.984 ± 0.923	-3.584
bn130305486	6+7+9+10	25.600 ± 1.557	1.280	4.864 ± 0.572	4.352
bn130305526	0+1+3	118.528 ± 15.691	1.280	92.672 ± 3.566	6.912
bn130306991	2+4+5	120.578 ± 5.515	-17.664	36.609 ± 1.448	16.128
bn130307126	6+7+8+9+11	0.384 ± 0.091	-0.064	0.256 ± 0.091	0.000
bn130307238	4+5	63.488 ± 1.846	-12.288	26.880 ± 0.923	-2.560
bn130310840	9+10+11	16.000 ± 2.561	4.096	0.704 ± 0.091	4.160
bn130314147	6+7+8	142.851 ± 2.360	1.536	50.945 ± 1.305	9.216
bn130318456	6+7	121.088 ± 1.448	-2.816	112.640 ± 0.923	1.280
bn130320560	0+1+6+9	340.992 ± 1.619	-138.240	301.056 ± 0.810	-136.960
bn130324042	0+1+2+9+10	56.320 ± 2.862	-6.144	19.712 ± 1.379	0.512
bn130325005	6+7+9	0.640 ± 0.453	-0.064	0.256 ± 0.231	-0.064
bn130325203	6+7+8+9+11	6.912 ± 0.724	0.768	2.304 ± 0.572	1.792
bn130327350	0+1+2	31.233 ± 0.724	2.048	18.688 ± 0.362	7.168
bn130331566	8+11	13.824 ± 1.379	-0.512	3.840 ± 0.362	3.328
bn130403866	7+8+11	22.784 ± 5.838	-7.936	9.728 ± 2.415	-1.792
bn130404428	1+3+4+5	3.328 ± 1.493	-1.536	2.048 ± 1.280	-0.768
bn130404840	6+7	34.561 ± 2.573	0.320	22.016 ± 0.572	1.344
bn130404877	0+1+3	0.960 ± 1.729	-0.128	0.256 ± 0.607	-0.064
bn130406288	0+6+9+10	7.936 ± 1.305	-0.512	1.536 ± 0.572	0.512
bn130406334	2+10	88.832 ± 3.444	-5.120	25.088 ± 25.876	-1.280
bn130406354	0+1+3	2.560 ± 1.619	-1.280	0.768 ± 0.923	-0.512
bn130407800	0+1+3+5	32.000 ± 9.137	-5.632	13.824 ± 2.415	-1.024
bn130408653	3+4+5	9.216 ± 3.665	-4.864	2.560 ± 0.724	-0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn130409960	1+2+5	26.112 ± 1.056	0.256	7.680 ± 1.056	9.472
bn130416690	0+1+3	3.072 ± 2.429	-2.816	1.280 ± 1.056	-1.792
bn130416770	3+4+5	0.192 ± 0.425	-0.048	0.048 ± 0.036	0.000
bn130418844	7+8+11	169.472 ± 2.560	-45.056	99.328 ± 0.923	-3.072
bn130420313	2+10	104.962 ± 8.809	-59.649	23.040 ± 3.278	-9.728
bn130420343	3+4+6+7+8	38.913 ± 2.111	-15.872	13.312 ± 1.086	-4.096
bn130420422	10+11	27.329 ± 5.101	-2.432	5.376 ± 1.305	0.576
bn130420539	3+6+7+8	13.824 ± 5.278	-7.168	4.864 ± 0.923	-2.048
bn130425327	10	62.209 ± 1.145	1.856	18.432 ± 0.724	36.929
bn130427324	6+9+10	138.242 ± 3.238	4.096	4.096 ± 1.448	6.144
bn130502327	6+7+8	24.320 ± 0.362	7.168	10.240 ± 0.362	13.568
bn130502743	9+10	3.328 ± 2.064	-0.512	2.304 ± 0.572	-0.256
bn130503214	6+7+9	0.880 ± 0.910	-0.864	0.016 ± 0.865	-0.016
bn130504314	3+4	0.384 ± 0.181	0.000	0.192 ± 0.091	0.064
bn130504978	2+9+10	73.217 ± 2.111	8.704	46.849 ± 0.362	17.664
bn130505955	4+8	50.241 ± 8.009	0.384	20.480 ± 1.346	3.456
bn130507545	4+6+7+8	60.160 ± 5.938	0.000	22.016 ± 0.724	4.096
bn130509078	6+7+9	24.320 ± 3.593	0.512	7.424 ± 0.572	2.048
bn130509839	0+1+3+5	31.488 ± 2.673	-4.864	11.264 ± 1.379	-0.512
bn130510877	3+4	29.440 ± 4.261	-4.096	9.728 ± 1.379	0.000
bn130514560	2+10	17.408 ± 3.435	-0.512	4.608 ± 0.572	0.000
bn130515056	4+8	0.256 ± 0.091	-0.064	0.064 ± 0.091	0.000
bn130515430	4+6+7+8	20.480 ± 5.120	-3.584	10.496 ± 1.639	-1.024
bn130515755	2+10	2.560 ± 0.572	-0.512	1.536 ± 0.572	-0.256
bn130517781	0+1+3	33.280 ± 1.280	0.512	17.920 ± 0.572	6.400
bn130518551	6+7+8+9+11	4.096 ± 2.573	0.000	1.280 ± 0.572	0.256
bn130518580	3+4+6+7	48.577 ± 0.916	9.920	6.848 ± 0.181	23.872
bn130522510	3+4+5	27.904 ± 3.367	-0.512	15.872 ± 0.724	1.792
bn130523095	2+5	17.920 ± 1.448	2.560	9.472 ± 0.362	9.216
bn130523198	0+1+3+6+7+9	5.376 ± 0.923	-1.280	2.560 ± 0.572	0.256
bn130527627	2+9+10	27.776 ± 1.438	-0.896	9.408 ± 0.345	5.888
bn130528503	0+1+2	66.304 ± 6.700	-39.680	20.736 ± 0.810	-16.896
bn130528695	0+2+5	55.553 ± 1.864	0.576	25.856 ± 1.557	3.904
bn130530719	0+1+6+9	58.621 ± 1.863	0.003	28.160 ± 2.064	3.840
bn130604033	9+10+11	26.880 ± 0.923	-0.256	8.192 ± 0.362	9.216
bn130606316	3+4+6+7+8	24.128 ± 0.410	-0.256	9.280 ± 0.373	3.264
bn130606497	7+8+11	52.225 ± 0.724	5.376	35.329 ± 0.572	11.776
bn130609129	6+7+9	5.376 ± 1.498	-2.624	2.560 ± 0.975	-1.600
bn130609902	4+5	191.491 ± 2.862	4.864	15.104 ± 0.724	9.728
bn130610133	7+8	21.760 ± 1.639	-2.560	7.680 ± 0.724	2.816

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn130611538	6+7	66.816 ± 6.700	0.256	22.784 ± 1.379	5.376
bn130612141	6+7+9+11	7.424 ± 6.192	-2.560	2.048 ± 1.379	-1.280
bn130612456	6+7+8	10.240 ± 0.653	0.352	1.664 ± 0.181	1.440
bn130614997	0+1+3	9.280 ± 1.972	-0.064	2.944 ± 0.286	0.768
bn130615398	2+10	21.760 ± 6.763	-4.864	5.888 ± 1.086	-0.768
bn130617564	2	0.768 ± 0.630	-0.448	0.384 ± 0.181	-0.320
bn130620498	0+1+3+5	14.592 ± 4.404	-11.264	4.608 ± 1.305	-4.096
bn130622615	6+7+8+11	0.960 ± 0.429	-0.768	0.384 ± 0.231	-0.384
bn130623130	0+3+4+6+7	29.440 ± 0.724	-0.512	28.416 ± 0.724	0.000
bn130623396	0+3+4+7	44.544 ± 3.665	-2.816	16.128 ± 3.238	1.024
bn130623488	0+3+4	22.272 ± 0.923	-1.792	13.312 ± 1.145	2.816
bn130623699	10+11	7.680 ± 2.560	-5.632	2.560 ± 1.145	-3.840
bn130623790	4+5	42.241 ± 1.863	0.256	25.088 ± 0.724	5.632
bn130624093	6+7+9+11	13.824 ± 5.152	-2.816	6.912 ± 1.086	-0.256
bn130626452	7+8+9+10+11	1.728 ± 0.771	-0.064	0.320 ± 0.580	-0.064
bn130626596	3+4	28.160 ± 0.572	-18.176	10.752 ± 0.572	-6.912
bn130627372	0+1+3	35.840 ± 1.717	-17.920	8.960 ± 0.724	-2.048
bn130628531	0+1+2+9+10	21.504 ± 1.619	-0.256	3.072 ± 0.572	2.304
bn130628860	6+7+9+10+11	0.512 ± 0.143	-0.064	0.384 ± 0.091	0.000
bn130630272	4+5	17.152 ± 0.572	0.512	7.424 ± 0.362	3.840
bn130701060	2+10	20.224 ± 1.729	-0.512	3.200 ± 0.272	2.624
bn130701761	9+10+11	1.600 ± 0.143	-0.064	0.704 ± 0.143	0.320
bn130702004	4	58.881 ± 6.192	0.768	18.688 ± 1.810	3.840
bn130702951	6+7+8+9+11	16.384 ± 4.128	-4.096	7.168 ± 2.360	-1.024
bn130704560	3+4+5	6.400 ± 0.572	0.512	2.304 ± 0.362	1.536
bn130705398	3+4+5	0.128 ± 0.528	-0.064	0.064 ± 0.091	-0.064
bn130706900	9+10+11	0.128 ± 1.118	-0.064	0.064 ± 0.091	-0.064
bn130707505	9+10	76.545 ± 3.083	-2.048	38.401 ± 1.305	12.032
bn130708488	1+2+9+10	14.077 ± 3.114	0.003	4.608 ± 0.724	1.792
bn130715906	10+11	47.873 ± 1.145	5.888	19.456 ± 0.810	22.528
bn130716352	0+3+4	91.136 ± 10.801	-3.328	38.912 ± 3.114	4.352
bn130716442	0+1+2	0.768 ± 0.389	-0.448	0.256 ± 0.143	0.000
bn130717734	6+7+8+11	55.296 ± 3.125	-3.328	40.960 ± 1.950	3.328
bn130720116	6+7+9	48.640 ± 3.874	-0.256	22.016 ± 6.676	1.792
bn130720582	9+10+11	199.172 ± 5.221	-13.568	104.450 ± 0.724	38.401
bn130722021	6+7+9	81.408 ± 5.184	-0.256	45.568 ± 2.721	4.608
bn130722990	6+7+9	2.304 ± 1.379	-0.768	0.512 ± 0.362	-0.256
bn130723092	3+4+6+7+8	8.192 ± 2.064	-0.768	1.536 ± 0.572	-0.256
bn130725527	6+7+8+9	6.656 ± 0.860	-0.384	1.472 ± 0.181	1.600
bn130727698	8+11	12.992 ± 0.871	-1.024	5.952 ± 0.231	1.472

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn130730243	0+1+3	27.904 ± 1.999	-8.704	7.680 ± 1.145	-3.584
bn130802730	1+3+4+5	0.064 ± 0.258	-0.064	0.032 ± 0.045	-0.032
bn130803419	2+9+10	7.616 ± 1.145	-3.328	1.792 ± 0.231	0.192
bn130804023	6+7+9	0.960 ± 0.091	-0.064	0.768 ± 0.091	0.064
bn130808253	4+5	0.256 ± 0.898	-0.128	0.064 ± 0.091	-0.064
bn130811186	0+1+3+5	44.801 ± 10.780	-2.304	11.776 ± 0.923	4.864
bn130813791	0+1+2+5	11.264 ± 1.145	-9.472	3.328 ± 0.362	-3.072
bn130815420	3+4+5	236.292 ± 0.810	-5.888	53.505 ± 0.923	83.713
bn130815660	3+4+5	37.889 ± 1.056	1.280	2.560 ± 0.572	31.744
bn130816074	0+3+6+7	36.864 ± 6.229	-1.024	26.624 ± 2.290	2.048
bn130818941	3+4+5	25.344 ± 3.183	-16.896	4.352 ± 0.286	2.880
bn130819394	3+4+5	82.689 ± 4.536	-1.536	36.609 ± 1.639	9.984
bn130821674	6+7+9+10+11	87.041 ± 1.145	3.584	10.752 ± 0.572	25.088
bn130828306	0+3+4	136.962 ± 0.923	13.312	67.585 ± 0.572	30.976
bn130828808	0+1+2+5	3.904 ± 0.842	0.192	1.344 ± 0.143	0.704
bn130829672	4+8	6.656 ± 1.619	-0.256	2.048 ± 0.362	1.024
bn130830864	0+1+3	83.968 ± 7.455	-2.048	40.960 ± 5.514	6.144
bn130830921	8+11	36.352 ± 1.717	-3.072	11.264 ± 1.619	-0.256
bn130831058	0+1+9+10	24.832 ± 0.810	-6.912	13.824 ± 0.923	-2.560
bn130903033	0+1+9	68.608 ± 7.241	-3.072	36.864 ± 3.238	4.096
bn130905377	1+2+9+10	21.248 ± 1.305	-0.256	6.144 ± 1.086	1.792
bn130906222	1+2+5	11.264 ± 7.209	-5.120	3.584 ± 0.724	-3.072
bn130906435	6+7+8+11	8.192 ± 2.769	-3.584	1.280 ± 0.362	-0.256
bn130907760	3+4+6+7+8	3.136 ± 2.691	-0.320	1.280 ± 2.244	-0.128
bn130908677	3+4+5	66.048 ± 30.551	-1.792	24.064 ± 4.048	5.120
bn130909817	0+1+2+5	33.792 ± 7.322	-14.848	9.984 ± 1.086	-2.560
bn130912358	7+8+11	0.512 ± 0.143	-0.064	0.256 ± 0.143	-0.064
bn130919173	6+7+8	0.960 ± 0.143	-0.064	0.128 ± 0.091	0.640
bn130919352	6+7+8+9+11	80.897 ± 3.665	0.768	39.937 ± 1.448	10.496
bn130919985	3+4+5	17.408 ± 4.382	-4.096	7.936 ± 1.086	-0.512
bn130924255	8+11	37.120 ± 7.534	-21.760	9.472 ± 0.923	-7.936
bn130924910	0+1+6+9+10	1.792 ± 3.167	-0.256	0.768 ± 0.572	-0.256
bn130925164[q]	0+1	6.400 ± 2.429	-3.840	3.328 ± 1.379	-2.816
bn130925173[q]	6+7+9	215.555 ± 1.810	11.008	94.977 ± 1.846	42.497
bn130925546	8+11	265.477 ± 3.338	-217.604	45.569 ± 12.841	-17.664
bn130928537	10+11	132.994 ± 1.236	0.512	59.201 ± 1.374	12.416
bn130929375	0+1+3+4+5	2.304 ± 0.487	-2.240	1.152 ± 0.231	-1.600
bn131002288	4	55.040 ± 1.379	-46.080	30.976 ± 39.710	-29.696
bn131004904	9+10	1.152 ± 0.590	-0.192	0.448 ± 0.143	-0.064
bn131006367	10+11	0.128 ± 0.389	-0.128	0.064 ± 0.143	-0.128

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn131006840	2+5	41.984 ± 5.120	-4.096	17.408 ± 2.896	-1.024
bn131008858	10	36.349 ± 3.367	0.003	10.496 ± 1.056	2.560
bn131011741	7+9+10+11	77.057 ± 2.996	-4.624	17.920 ± 0.810	4.080
bn131014215	9+10+11	3.200 ± 0.091	0.960	1.536 ± 0.091	1.728
bn131014513	8+11	30.208 ± 4.636	-21.248	4.096 ± 0.572	-0.256
bn131018673	6+7+9	39.936 ± 12.331	-1.024	13.312 ± 2.290	3.072
bn131020113	1+2+5	2.240 ± 1.145	-0.832	0.768 ± 0.345	-0.512
bn131021352	8+10+11	17.664 ± 3.258	-0.768	10.240 ± 0.572	0.000
bn131024900	3+4+7+8	45.312 ± 5.538	-2.304	26.112 ± 2.769	2.304
bn131028076	2+5	17.152 ± 0.572	2.816	5.888 ± 0.362	6.912
bn131028096	7+8+11	14.336 ± 3.238	-1.280	9.472 ± 1.280	0.000
bn131029973	0+1+3+4+5	104.449 ± 7.241	1.024	66.561 ± 2.896	10.240
bn131029990	6+7+9+10+11	50.944 ± 5.976	-7.936	19.200 ± 1.280	0.768
bn131030653	6+7+8+11	53.248 ± 3.665	-1.280	27.136 ± 0.810	1.792
bn131030791	0+1+2+3+5	27.392 ± 5.431	-2.560	8.448 ± 1.145	1.024
bn131031482	6+7+9+11	7.424 ± 0.604	-0.256	4.352 ± 0.231	1.024
bn131102622	6+7+9	62.976 ± 7.886	0.000	29.952 ± 3.238	4.864
bn131105087	6+7+8	112.642 ± 0.462	2.496	73.985 ± 0.320	33.280
bn131108024	7+8+11	14.592 ± 3.999	-3.584	5.376 ± 0.572	0.512
bn131108862	0+3+6+7	18.176 ± 0.572	0.320	8.192 ± 0.572	2.368
bn131110373	9+10+11	27.328 ± 1.294	-2.304	12.800 ± 0.746	3.776
bn131113483	1+2+5	60.545 ± 1.417	3.392	20.352 ± 0.320	16.832
bn131117766	0+1+3+4+5	93.954 ± 4.419	-1.792	32.513 ± 1.056	14.592
bn131118958	2+5	85.249 ± 4.382	5.632	44.289 ± 0.923	18.432
bn131119781	6+7+8+11	34.816 ± 0.810	-2.560	20.224 ± 4.615	0.256
bn131122490	3+4+5	23.040 ± 0.810	1.536	8.704 ± 0.362	10.240
bn131123543	9+10+11	3.136 ± 0.716	0.000	1.088 ± 0.590	0.384
bn131125689	10+11	3.008 ± 2.159	-0.576	0.320 ± 0.231	-0.192
bn131126163	2+5	0.128 ± 0.353	-0.016	0.048 ± 0.045	0.000
bn131127480	6+7+8+9+11	59.648 ± 8.964	0.768	24.320 ± 1.379	7.680
bn131127592	1+2+5	18.176 ± 0.724	1.792	11.520 ± 0.572	4.352
bn131127696	0+1+2+3+5	15.104 ± 5.049	-1.792	3.840 ± 0.923	-0.256
bn131128629	9+10	1.984 ± 0.543	-0.960	0.832 ± 0.272	-0.576
bn131202633	1+2+5	19.968 ± 7.748	-4.352	8.704 ± 2.187	-1.792
bn131202906	3+4+8	86.018 ± 2.111	1.280	30.465 ± 1.145	10.752
bn131204937	6+7+9	29.952 ± 1.056	-0.512	17.408 ± 0.572	4.096
bn131209547	6+7+9	13.568 ± 1.145	2.816	6.400 ± 0.362	6.144
bn131209963	2+10	4.096 ± 3.125	-0.512	1.280 ± 0.724	-0.256
bn131211510	0+1+3	44.800 ± 4.971	-12.544	11.008 ± 0.923	-4.608
bn131212814	6+7+9	7.424 ± 4.720	-3.584	3.072 ± 2.064	-1.536

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn131214705	0+1+2	80.065 ± 0.871	2.048	37.056 ± 1.350	31.296
bn131215298	10+11	23.040 ± 2.360	2.560	10.752 ± 0.572	4.352
bn131216081	6+7+9+10+11	19.262 ± 3.598	0.003	3.072 ± 0.572	1.088
bn131217108	10+11	0.768 ± 1.924	-0.064	0.384 ± 0.181	0.064
bn131217183	0+1+2	9.216 ± 1.145	-2.304	4.608 ± 0.572	0.768
bn131217506	10+11	3.328 ± 0.640	-1.088	1.280 ± 0.466	-0.704
bn131229277	9+10+11	12.992 ± 0.231	2.144	6.592 ± 0.202	7.328
bn131230529	4+8	3.072 ± 1.056	-2.560	1.536 ± 0.724	-2.304
bn131230808	6+7+8+9+11	49.152 ± 4.352	-10.752	14.848 ± 1.086	-1.536
bn131231198	0+3+4	31.232 ± 0.572	13.312	9.728 ± 0.362	21.504
bn140102887	6+7+9+11	3.648 ± 0.091	0.448	1.920 ± 0.091	1.024
bn140104731	6+7+9+11	187.137 ± 2.996	11.008	141.313 ± 1.145	41.472
bn140105065	9+10+11	1.088 ± 0.466	-0.384	0.384 ± 0.091	0.000
bn140105748	6+9+10	0.576 ± 0.716	-0.192	0.384 ± 0.231	-0.064
bn140106345	2+5	33.024 ± 7.241	-0.512	12.032 ± 1.864	2.048
bn140108721	1+2+9+10	91.393 ± 2.360	1.536	79.105 ± 0.572	6.912
bn140109771	10+11	0.704 ± 0.773	-0.960	0.384 ± 0.528	-0.704
bn140109877	0+3+6+7	3.328 ± 2.560	-1.024	0.768 ± 1.810	-0.256
bn140110263	6+7+8+9	9.472 ± 1.619	-0.256	3.584 ± 0.724	1.024
bn140110411	0+1+3	0.768 ± 0.345	-0.768	0.320 ± 0.091	-0.512
bn140110814	8	81.152 ± 6.582	-17.408	47.104 ± 1.619	-0.768
bn140112060	0+1+2+5	12.032 ± 5.278	-3.328	6.656 ± 0.362	-0.768
bn140113183	7+8+9+11	68.864 ± 2.985	-5.888	33.792 ± 3.665	-0.512
bn140113624	1+2+5	4.608 ± 2.360	-0.768	2.048 ± 0.810	-0.256
bn140115863	3+4+8	14.909 ± 1.072	0.003	6.144 ± 0.572	3.904
bn140115899	9+10	10.496 ± 1.950	-1.792	3.840 ± 0.572	0.512
bn140118064	1+2+5	90.112 ± 2.202	-71.168	56.064 ± 2.429	-51.712
bn140122597	7+8	3.584 ± 1.864	-0.256	1.536 ± 0.724	0.256
bn140124527	0+1+3	121.538 ± 5.838	-12.672	62.977 ± 1.846	6.208
bn140126815	6+7+8	75.776 ± 2.290	-58.368	24.576 ± 2.896	-15.360
bn140129499	8+11	0.128 ± 0.707	-0.064	0.128 ± 0.091	-0.064
bn140204547	6+7+9	71.168 ± 8.798	-1.536	33.024 ± 1.864	4.096
bn140206275	0+1+2+3+5	146.690 ± 4.419	7.488	24.576 ± 0.810	13.888
bn140206304	10+11	27.264 ± 1.243	0.512	5.120 ± 0.272	3.456
bn140209313	9+10	1.408 ± 0.264	1.344	0.320 ± 0.091	1.536
bn140211091	6+7+9	3.456 ± 0.724	-0.896	1.024 ± 0.181	-0.384
bn140213807	0+1+2	18.624 ± 0.716	0.768	5.056 ± 0.091	2.304
bn140216331	9+10+11	2.432 ± 0.590	-1.728	1.216 ± 1.223	-0.832
bn140217043	6+7+9	27.136 ± 14.082	-0.256	13.824 ± 0.923	1.536
bn140218427	3+4+5	53.505 ± 5.684	-1.024	31.489 ± 1.950	4.864

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn140219319	0+1+3	6.080 ± 0.464	-0.128	3.072 ± 0.362	1.856
bn140219824	7+8+9+10+11	77.056 ± 2.996	-2.560	46.848 ± 1.639	5.888
bn140223495	6+7+8+11	17.408 ± 2.064	-0.768	4.352 ± 0.362	0.768
bn140224382	2+5	2.304 ± 2.111	-0.512	1.024 ± 1.056	0.000
bn140224788	3+4+6+7+8	17.152 ± 1.846	-1.792	6.144 ± 1.379	1.024
bn140227738	2+10	17.152 ± 9.073	-16.384	5.888 ± 4.971	-7.680
bn140302342	0+1+3	67.584 ± 5.655	0.256	25.600 ± 0.724	6.656
bn140304557	0+1+3+4+5	31.232 ± 8.719	-5.376	10.240 ± 0.572	0.000
bn140304849	3+4+5	232.708 ± 1.145	1.024	182.531 ± 1.717	21.760
bn140306146	0+1+3+4+5	51.713 ± 0.810	1.088	24.576 ± 0.572	6.208
bn140308710	1+2+5	12.032 ± 1.846	0.768	3.584 ± 0.572	2.048
bn140311453	1+2+5	14.912 ± 1.619	-1.024	7.040 ± 0.373	0.768
bn140311618	9+10	14.336 ± 5.684	-3.072	3.072 ± 0.724	0.256
bn140311885	4+8	72.193 ± 8.764	-4.352	27.649 ± 1.086	5.632
bn140319964	1+2+9+10	50.369 ± 1.448	-1.408	13.056 ± 0.362	5.440
bn140320092	0+3+6+7	2.304 ± 1.527	-1.216	1.024 ± 0.231	-0.832
bn140322424	3+4+7+8	10.496 ± 2.111	-2.048	4.096 ± 0.572	0.256
bn140323433	0+1+2+9	111.426 ± 3.027	5.056	64.705 ± 0.810	24.960
bn140327065	0+1+3	11.520 ± 7.286	-4.864	3.840 ± 0.923	0.000
bn140328560	0+1+3+5	4.160 ± 0.653	-1.088	2.240 ± 0.143	-0.640
bn140329272	0+1+3+5	0.064 ± 0.295	-0.032	0.032 ± 0.045	-0.032
bn140329295	8+11	21.248 ± 1.056	5.648	2.816 ± 0.362	21.520
bn140330180	0+1+3	34.049 ± 10.509	0.256	9.984 ± 1.305	1.792
bn140402007	0+1+3	0.320 ± 0.630	-0.128	0.128 ± 0.143	-0.064
bn140404030	6+7+9	84.992 ± 5.910	-72.704	70.656 ± 1.864	-67.840
bn140404171	0+1+2+3	26.624 ± 0.326	0.192	12.224 ± 0.202	5.056
bn140404900	0+1+3+4	22.784 ± 1.864	-1.024	8.448 ± 0.572	3.072
bn140405033	0+1+3	39.936 ± 3.874	-0.512	12.288 ± 1.379	1.536
bn140406120	1+2+5	109.312 ± 3.415	-32.000	59.136 ± 4.810	-4.096
bn140406144	0+1+2	37.120 ± 4.291	-4.096	24.064 ± 5.431	1.024
bn140408553	3+4+7+8	7.680 ± 3.367	-1.024	3.072 ± 1.864	0.000
bn140414693	0+1+3+4+5	25.600 ± 2.202	-11.776	7.424 ± 0.724	1.280
bn140416060	2	31.744 ± 1.280	-2.784	16.576 ± 0.143	6.816
bn140422194	9+10+11	361.472 ± 9.882	-4.352	311.296 ± 3.556	8.448
bn140423356	6+7+9+10+11	95.233 ± 11.585	-66.561	46.081 ± 5.793	-37.889
bn140426515	7+8+11	37.568 ± 3.535	-4.736	14.784 ± 0.429	-1.024
bn140427702	8	13.312 ± 7.131	-3.840	4.608 ± 5.684	-3.328
bn140428906	2+5	0.320 ± 0.286	-0.256	0.064 ± 0.091	-0.064
bn140429975	0+1+3	9.216 ± 1.639	-5.120	3.328 ± 0.724	-3.072
bn140430716	7+8	26.368 ± 5.615	-12.800	4.096 ± 0.724	0.768

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn140501139	7+8+11	0.256 ± 0.630	-0.128	0.064 ± 0.091	-0.064
bn140501497	2+5	22.144 ± 5.186	-0.128	7.552 ± 0.181	1.856
bn140502354	0+1+2+5	20.096 ± 0.916	-1.536	6.336 ± 0.590	0.512
bn140506880	2+5	64.128 ± 2.005	-3.968	6.016 ± 5.440	0.000
bn140508128	10	44.288 ± 0.231	2.816	21.184 ± 0.091	5.056
bn140508179	8	19.456 ± 2.290	-1.024	9.216 ± 2.896	3.072
bn140508629	0+3+4+6+7+8	50.433 ± 8.464	-0.256	24.320 ± 3.874	4.864
bn140511095	0+1+3+4+5	1.408 ± 0.889	-0.064	0.256 ± 0.181	-0.064
bn140511995	1+2+5	59.136 ± 1.379	-1.024	13.824 ± 1.145	20.224
bn140512814	0+1+2+3+5	147.970 ± 2.360	2.048	80.129 ± 6.931	51.969
bn140513724	6+7+9+10+11	17.152 ± 2.111	-0.512	5.120 ± 0.810	1.792
bn140516700	0+1+2+9+10	38.144 ± 1.145	-12.544	19.712 ± 0.923	-1.536
bn140516765	3+4+5	22.016 ± 5.425	-2.304	6.912 ± 1.086	3.840
bn140517813	3+4+7+8	18.941 ± 1.618	0.003	6.656 ± 0.572	2.048
bn140518709	8+11	0.704 ± 0.466	-0.640	0.256 ± 0.181	-0.448
bn140519043	9+10+11	47.616 ± 2.721	-22.272	13.824 ± 0.923	-6.144
bn140521184	6+7+9+10+11	46.592 ± 3.328	-5.120	24.832 ± 1.810	2.048
bn140521732	6+7+8	11.550 ± 3.595	0.003	5.120 ± 1.145	0.544
bn140523129	3+4+5	19.200 ± 0.362	0.576	9.216 ± 0.362	4.416
bn140526449	3+4+5	79.104 ± 1.379	0.512	40.448 ± 0.724	6.400
bn140526571	0+1+3	0.064 ± 0.834	-0.064	0.064 ± 0.091	-0.064
bn140528837	6+9+10	13.568 ± 0.572	1.024	7.936 ± 0.362	3.840
bn140603476	6+7+8+11	138.242 ± 13.469	-51.201	61.441 ± 2.896	4.096
bn140605377	0+1+3+5+6	0.512 ± 0.320	-0.384	0.128 ± 0.091	-0.064
bn140606133	3+4+6+7+8	22.784 ± 2.064	0.256	4.352 ± 0.572	1.024
bn140608153	0	71.681 ± 7.371	-4.608	26.880 ± 2.919	12.800
bn140608713	8+11	6.400 ± 3.874	-0.256	1.280 ± 0.362	0.256
bn140610487	4+7+8	0.960 ± 0.716	-0.832	0.192 ± 0.466	-0.256
bn140610548	3+4+5	36.865 ± 1.143	0.256	9.472 ± 0.724	11.008
bn140610689	10+11	134.144 ± 7.455	-2.048	57.344 ± 2.896	14.336
bn140612294	6+7+8+11	38.913 ± 8.483	-0.256	11.008 ± 1.864	5.376
bn140616165	0+1+2+3	0.512 ± 0.821	-0.032	0.221 ± 0.202	0.003
bn140619475	6+9+10	2.816 ± 0.810	-0.256	1.024 ± 0.724	0.000
bn140619490	10+11	0.448 ± 0.516	-0.192	0.064 ± 0.272	-0.064
bn140620219	8+11	45.825 ± 12.130	-13.824	7.936 ± 0.724	3.584
bn140621827	1+2+5	6.400 ± 0.810	0.000	5.376 ± 0.572	0.256
bn140623224	0+1+6+9	111.104 ± 3.999	-45.824	57.088 ± 5.526	-21.760
bn140624423	3+4+6+7+8	0.096 ± 0.093	-0.080	0.016 ± 0.045	0.000
bn140626843	4+5	1.792 ± 1.056	-0.256	0.768 ± 0.362	0.000
bn140627401	3+4+5	7.424 ± 2.611	-3.584	3.584 ± 1.619	-2.304

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn140628626	9+10+11	12.544 ± 3.665	-11.776	6.400 ± 1.280	-8.192
bn140628704	8+11	75.520 ± 3.849	-2.304	68.096 ± 1.846	0.512
bn140630505	0+1+3	63.745 ± 2.769	-1.280	33.025 ± 1.493	13.312
bn140701567	6+7+8+11	25.088 ± 3.328	-7.680	8.704 ± 1.056	-0.512
bn140701833	7+8+10+11	6.912 ± 0.923	-1.792	2.048 ± 0.572	2.816
bn140703026	0+1+3	83.969 ± 2.996	0.768	23.808 ± 0.923	8.704
bn140705539	0+1+2+5	26.880 ± 1.557	-3.072	12.288 ± 1.619	0.256
bn140706815	0+1+3	43.776 ± 2.721	-13.824	23.040 ± 12.331	-3.584
bn140709051	8+10+11	69.633 ± 21.549	-25.088	20.480 ± 1.846	-5.632
bn140709637	0+1+2+3+5	156.416 ± 7.940	-131.328	94.208 ± 2.064	-111.360
bn140710537	9+10	0.384 ± 0.091	-0.064	0.192 ± 0.091	0.000
bn140710901	9+10	11.520 ± 4.636	-6.656	5.632 ± 0.923	-3.584
bn140711691	2+10	80.896 ± 21.601	-3.072	32.768 ± 4.344	3.072
bn140712706	6+7+9+10+11	28.928 ± 3.916	-0.768	17.152 ± 1.145	2.048
bn140712973	4+8	28.160 ± 8.444	-4.352	11.008 ± 1.493	5.120
bn140713780	9+10+11	5.376 ± 1.379	-0.256	3.072 ± 1.145	0.256
bn140714268	3+4+5	132.098 ± 2.290	-2.048	12.288 ± 1.448	105.474
bn140715231	0+1+3+4	77.312 ± 3.083	0.000	16.640 ± 1.056	5.120
bn140716306	6+7+9+10	3.328 ± 2.919	-0.768	1.792 ± 0.923	0.000
bn140716436	2+4+5	168.253 ± 53.762	0.005	13.056 ± 0.724	89.409
bn140717827	6+7+8	80.640 ± 3.278	-48.128	47.104 ± 1.717	-33.280
bn140720158	1+2+5	0.320 ± 0.262	-0.128	0.064 ± 0.045	-0.032
bn140720280	0+1+2+3+5	9.984 ± 0.640	-2.560	5.376 ± 0.547	-0.512
bn140721336	2+5	127.746 ± 3.238	-27.392	51.201 ± 2.290	6.144
bn140723067	0+2+9+10	56.320 ± 4.222	0.000	24.576 ± 2.290	3.072
bn140723499	9+10+11	45.056 ± 2.290	-4.096	23.552 ± 1.448	8.192
bn140724533	7+8+11	0.896 ± 0.820	-0.256	0.128 ± 0.264	-0.064
bn140725583	3+4+6+7+8	19.968 ± 3.620	-10.752	4.096 ± 0.724	0.256
bn140727748	1+2+5	13.824 ± 1.864	-1.792	9.984 ± 1.619	-0.256
bn140729026	0+1+6+9	55.553 ± 4.382	0.512	17.408 ± 1.379	3.328
bn140801792	1+2+9+10	7.168 ± 0.572	0.768	4.096 ± 0.572	1.792
bn140807500	3+4+5	0.512 ± 0.202	-0.064	0.192 ± 0.091	0.000
bn140808038[r]	3+4	4.477 ± 0.362	0.003	2.176 ± 0.143	0.640
bn140809133	0+1+2+9	69.120 ± 6.802	-7.168	37.632 ± 2.111	1.280
bn140810782	2+5	81.665 ± 0.572	6.656	22.272 ± 0.362	27.136
bn140817229	4+8	26.112 ± 5.538	-10.752	6.400 ± 1.086	0.256
bn140817293	2+5	16.128 ± 4.382	-9.216	3.072 ± 0.362	3.072
bn140818229	0+1+3+5	109.250 ± 0.932	5.184	24.256 ± 0.272	80.705
bn140818781	6+7+9	20.992 ± 6.527	-4.608	4.608 ± 0.724	-1.536
bn140819160	6+7+9	6.656 ± 3.665	-0.512	4.352 ± 2.111	-0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn140821997	2+4	32.513 ± 1.639	10.752	9.472 ± 0.362	24.832
bn140824548	8	4.096 ± 0.572	-0.512	1.536 ± 0.362	0.000
bn140824606	3+4+7+8	108.802 ± 0.923	2.816	12.544 ± 0.724	76.801
bn140825328	6+7+8+11	78.593 ± 5.184	-2.560	50.945 ± 1.280	7.936
bn140825980	2+10	16.384 ± 2.769	-13.056	7.936 ± 1.086	-6.656
bn140827763	1+2+3+5	20.992 ± 0.362	0.768	3.328 ± 0.362	2.048
bn140828288	0+1+2+3+5	23.552 ± 7.799	-4.096	8.192 ± 2.896	1.024
bn140829880	4+5	77.568 ± 2.064	-1.024	46.848 ± 2.560	7.680
bn140831215	4+8	0.704 ± 1.180	-0.384	0.192 ± 0.453	-0.192
bn140831374	7+8+11	3.584 ± 2.573	-0.256	0.768 ± 0.362	0.000
bn140901262	0+1+6+9+10	65.025 ± 14.083	-0.512	16.896 ± 1.056	1.792
bn140901821	9+10+11	0.176 ± 0.036	-0.016	0.112 ± 0.036	0.032
bn140905454	6+7+9+10+11	110.082 ± 1.086	5.888	56.833 ± 0.724	30.976
bn140906175	3+4+8	37.633 ± 9.691	-11.520	8.445 ± 5.684	0.004
bn140906429	0+1+3+4+5	20.736 ± 2.111	1.024	6.656 ± 0.810	9.472
bn140907429	2	27.392 ± 7.322	-7.424	15.616 ± 6.582	-1.024
bn140907672	0+1+3	35.841 ± 5.473	-10.496	11.776 ± 0.724	3.840
bn140911012	2+5	116.736 ± 5.400	-0.256	42.240 ± 2.560	13.312
bn140912664	6+7+8+11	2.304 ± 1.619	-0.768	0.768 ± 0.572	-0.512
bn140916234	4+8	31.233 ± 3.780	-14.336	5.632 ± 0.724	-1.024
bn140917512	3+4+5	16.512 ± 0.689	-0.096	8.448 ± 0.572	4.384
bn140918379	8+10+11	165.632 ± 2.360	-3.840	142.592 ± 4.007	1.024
bn140919636	0+1+2+3+5	108.546 ± 1.619	1.792	60.673 ± 1.305	6.912
bn140928100	3+4+5	7.680 ± 0.923	-0.768	3.072 ± 0.923	1.536
bn140928437	9+10	17.920 ± 6.720	-10.752	5.376 ± 0.724	0.512
bn140929677	0+1+3+5	37.120 ± 4.048	-4.864	18.176 ± 3.665	-2.048
bn140930134	9+10+11	3.264 ± 1.619	-0.704	0.640 ± 0.373	0.000
bn141003564	8+10+11	8.704 ± 1.619	-0.512	2.048 ± 0.572	0.256
bn141003788	2+4+5	7.424 ± 3.093	-1.792	3.072 ± 0.923	-0.256
bn141004150	0+1+2+5	9.472 ± 0.810	0.320	3.072 ± 0.362	2.112
bn141004973	9+10	2.560 ± 0.607	-0.384	0.768 ± 0.264	0.000
bn141005217	8+11	3.392 ± 0.264	0.000	1.536 ± 0.181	0.448
bn141005535	6+7+9	11.264 ± 3.208	-1.280	7.168 ± 0.810	-0.256
bn141011282	0+1+2	0.080 ± 0.036	-0.016	0.048 ± 0.023	-0.016
bn141011467	6+7+8	12.029 ± 0.724	0.003	3.584 ± 1.145	1.024
bn141012773	3+4+6+7+8	37.633 ± 1.619	-25.857	10.240 ± 0.810	-3.584
bn141013803	2+10	82.432 ± 16.392	-0.512	35.584 ± 4.891	9.472
bn141016897	6+7+8+9	17.405 ± 7.684	0.003	3.840 ± 0.810	2.048
bn141020439	0+1+3	1.600 ± 0.951	-1.344	0.384 ± 0.373	-0.448
bn141022061	4+6+7+8	11.520 ± 3.083	-5.376	5.120 ± 0.724	-3.840

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn141022087	10	9.216 ± 0.572	2.112	4.608 ± 0.362	3.648
bn141026742	0+1+3+4+5	2.560 ± 0.968	-0.512	1.152 ± 0.143	-0.256
bn141028455	6+7+9	31.489 ± 2.429	6.656	8.192 ± 0.724	11.264
bn141029134	0+3+4+6+7+8	192.771 ± 1.950	16.384	25.344 ± 0.362	73.729
bn141030746	4+5	8.960 ± 0.572	-1.536	5.632 ± 0.572	0.512
bn141031257	6+7+9+10+11	38.656 ± 7.464	-1.280	16.640 ± 3.114	1.280
bn141031304	0+1+2+3+5	19.456 ± 2.896	-5.120	7.168 ± 1.448	1.024
bn141031998[b]	6+7+9+11	0.160 ± 0.865	-0.064	0.064 ± 0.115	-0.032
bn141102112	2+5	0.016 ± 0.066	-0.032	0.016 ± 0.036	-0.032
bn141102536	0+1+2+5	2.624 ± 0.326	-0.064	0.320 ± 0.143	1.344
bn141102779	6+7+8	25.088 ± 4.007	-21.504	6.144 ± 4.419	-5.632
bn141105358	0+1+3	19.200 ± 4.261	-7.424	6.912 ± 0.923	-1.024
bn141105406	6+7+9	1.280 ± 1.032	-0.064	0.256 ± 0.181	0.128
bn141109447	10+11	32.000 ± 4.104	-0.768	14.336 ± 2.111	2.304
bn141110232	0+1+3	36.608 ± 1.810	-27.392	19.968 ± 1.379	-18.432
bn141111435	6+7+9+10+11	1.728 ± 1.296	-1.216	0.512 ± 0.345	-0.192
bn141112539	9+10+11	335.876 ± 11.585	-12.288	229.379 ± 9.159	32.768
bn141112828	6+7+8+11	63.745 ± 2.919	-6.656	10.492 ± 8.483	0.004
bn141113346	3+4+6+7+8	0.448 ± 0.500	-0.064	0.320 ± 0.231	-0.064
bn141114687	10+11	44.800 ± 4.222	0.512	11.520 ± 0.810	4.608
bn141118678	3+4+7+8	4.352 ± 0.572	-1.280	1.536 ± 0.362	0.000
bn141121414	0+1+2+3+5	3.840 ± 0.572	-2.816	1.536 ± 0.724	-0.768
bn141122087[s]	9+10+11	1.280 ± 0.945	-0.704	0.128 ± 0.143	-0.064
bn141122875	0+1+2	30.720 ± 7.245	-3.584	16.640 ± 3.278	0.768
bn141122956	6+7+9+10+11	4.096 ± 1.717	-2.048	1.536 ± 1.950	-1.280
bn141124277[s]	8+11	0.512 ± 1.000	-0.512	0.320 ± 0.286	-0.384
bn141126233	6+7+8+9+10+11	0.896 ± 0.792	-0.192	0.320 ± 0.181	-0.064
bn141128962	1+2+5	0.272 ± 0.926	-0.096	0.048 ± 0.051	-0.016
bn141202470	6+7+8+11	1.408 ± 0.272	-0.064	0.704 ± 0.091	0.256
bn141205018	4+8	13.056 ± 1.280	-6.912	5.888 ± 1.280	-1.792
bn141205337	10+11	1.280 ± 0.572	-0.256	0.256 ± 0.572	0.000
bn141205763	2+5	5.437 ± 0.407	0.003	1.536 ± 0.362	1.088
bn141206254	3+4+6+7+8	4.608 ± 1.557	-1.280	2.048 ± 0.724	-0.512
bn141207800	3+4+5	20.992 ± 0.572	1.280	10.240 ± 0.572	4.352
bn141208038	3+4+5	14.336 ± 1.448	-1.024	7.424 ± 0.572	0.512
bn141208632	7+8+11	0.960 ± 0.834	-0.960	0.576 ± 0.429	-0.640
bn141209131	6+7+8+11	78.081 ± 4.971	2.304	46.849 ± 1.493	7.168
bn141213300	1+2+5	0.768 ± 0.513	-0.064	0.192 ± 0.072	0.032
bn141215560	4+8	11.264 ± 0.362	1.088	7.424 ± 0.362	3.392
bn141220252	0+3+4+6+7	7.616 ± 0.923	-0.896	3.133 ± 0.768	0.003

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn141221338	0+1+2+5	23.808 ± 1.717	-8.704	11.008 ± 3.874	-0.256
bn141221897	0+1+3+4+5	32.513 ± 1.846	-1.280	13.568 ± 0.810	5.888
bn141222298	0+1+2+3+4+5	2.752 ± 0.264	0.000	0.768 ± 0.091	0.192
bn141222691	7+9+10+11	34.049 ± 0.724	1.280	16.384 ± 0.362	3.840
bn141223240	7+8	94.208 ± 3.974	-3.584	40.448 ± 18.205	1.024
bn141225959	9+10+11	56.320 ± 4.891	-0.512	16.384 ± 1.280	4.096
bn141226880	6+9+10+11	38.656 ± 3.415	-0.512	15.872 ± 1.493	3.584
bn141229492	9+10+11	13.824 ± 6.661	0.000	3.328 ± 0.810	0.512
bn141229911	3+4+6+7+8	91.392 ± 17.710	-31.744	27.904 ± 1.145	-1.536
bn141230142	10	9.856 ± 1.086	0.000	2.176 ± 0.462	0.256
bn141230834	3+4+6+7+8	28.928 ± 1.493	-0.256	14.080 ± 0.724	2.048
bn141230871	0+1+2+5	0.224 ± 0.160	-0.160	0.096 ± 0.072	-0.064
bn150101270	0+1+3	0.480 ± 0.959	-0.416	0.224 ± 0.101	-0.256
bn150101641	3+4+6+7+8	0.080 ± 0.928	-0.016	0.016 ± 0.023	-0.016
bn150105257	7+8+11	80.642 ± 1.379	3.584	20.224 ± 0.572	32.001
bn150106921	6+7+8	79.872 ± 16.077	-2.816	30.208 ± 5.838	1.536
bn150110433	0+1+3+5	74.304 ± 0.716	-1.344	8.384 ± 0.405	56.320
bn150110923	0+1+3+9	2.560 ± 0.832	-1.024	1.152 ± 0.231	-0.320
bn150118409	0+1+2+5	40.193 ± 0.572	7.680	16.896 ± 0.724	18.176
bn150118927[g]	7+8+11	0.288 ± 0.097	0.000	0.048 ± 0.023	0.016
bn150120123	3+4+5	3.328 ± 1.382	-0.640	0.576 ± 0.320	-0.256
bn150120685	4+7+8	56.832 ± 4.762	-1.792	29.184 ± 1.639	0.256
bn150122960	7+8+11	53.249 ± 13.827	-0.512	16.896 ± 2.429	2.048
bn150126868	3+4+5	96.513 ± 3.114	6.400	27.392 ± 0.923	55.809
bn150127398	1+5	52.736 ± 3.620	0.256	20.480 ± 0.724	3.840
bn150127589	7+8+9+11	60.929 ± 0.810	2.560	41.473 ± 0.362	10.752
bn150127935	1+2	84.224 ± 31.183	2.816	38.656 ± 16.752	34.304
bn150128624[b]	8+11	0.096 ± 0.906	-0.064	0.064 ± 0.101	-0.064
bn150128791	0+1+3+4	85.248 ± 4.762	-3.328	45.312 ± 2.862	11.264
bn150131335	0+1+3+5	8.192 ± 1.448	-4.608	2.560 ± 0.724	-0.512
bn150131951	8+11	8.192 ± 3.444	-0.256	3.584 ± 0.923	0.512
bn150201040	2+4+5	0.512 ± 1.154	-0.320	0.128 ± 0.373	-0.192
bn150201574[t]	3+4+6+7	15.616 ± 0.362	1.280	4.864 ± 0.362	2.560
bn150201590[t]	0+1+3+6+7+9	25.600 ± 3.916	-0.512	10.240 ± 0.923	6.656
bn150202999	0+1+3	167.427 ± 3.367	1.536	7.168 ± 0.362	7.680
bn150203173	8+11	25.600 ± 3.238	-3.584	15.872 ± 1.280	-1.024
bn150203545	8+11	23.808 ± 1.619	-1.536	6.144 ± 0.724	3.584
bn150204272	3+6+7+8	11.008 ± 1.056	-4.608	3.840 ± 0.724	-1.792
bn150206285	1+2+5	23.296 ± 3.338	-0.256	11.520 ± 1.056	1.280
bn150206407	6+7+8+11	5.120 ± 1.056	-1.024	1.533 ± 0.360	0.003

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn150208573	7+8+11	6.912 ± 1.280	-3.840	3.328 ± 1.086	-2.304
bn150208929	6+7+9	0.128 ± 0.528	-0.128	0.064 ± 0.202	-0.128
bn150210935	6+7+9+10+11	31.294 ± 0.602	0.003	7.424 ± 0.362	1.088
bn150211239	2+4+5	18.432 ± 6.481	-2.560	5.888 ± 2.636	-1.024
bn150213001	6+7+8+11	4.096 ± 0.091	0.480	0.960 ± 0.091	1.760
bn150214293	0+1+3+5	0.192 ± 0.286	-0.128	0.128 ± 0.091	-0.064
bn150215026[s]	3+4+5	0.512 ± 0.716	-0.256	0.256 ± 0.231	-0.192
bn150216415	6+7+8+9+11	33.792 ± 2.919	-0.768	14.592 ± 1.280	3.584
bn150219522	3+4+5	36.097 ± 3.114	1.536	14.080 ± 0.724	6.400
bn150220598	9+10+11	144.643 ± 1.619	1.024	117.762 ± 0.810	8.704
bn150222450	8+10+11	65.281 ± 1.448	8.448	7.424 ± 0.572	55.297
bn150222832	3+4+5	74.752 ± 9.319	-56.320	17.664 ± 1.846	-12.032
bn150226223	3+4+6+7+8	1.408 ± 0.181	-0.064	0.512 ± 0.091	0.256
bn150226545	0+1+2	174.595 ± 4.707	45.441	52.481 ± 1.056	159.875
bn150226948	6+7+8+9+11	32.768 ± 4.536	-3.584	12.288 ± 1.810	-0.768
bn150227702	6+7+9+10+11	17.408 ± 1.379	-1.536	5.888 ± 1.864	0.768
bn150228845	9+10+11	4.125 ± 1.063	0.003	0.768 ± 0.572	1.056
bn150228981	6+7+9	36.609 ± 1.056	0.454	22.528 ± 0.362	3.014
bn150301045	4+8	0.416 ± 0.295	-0.032	0.064 ± 0.072	-0.032
bn150301818	0+3+4+6+7+8	13.312 ± 1.557	-0.256	3.840 ± 0.572	1.536
bn150303516	6+7+8+9+11	4.864 ± 0.810	-0.256	3.840 ± 0.572	0.000
bn150305724	3+4+6+7+8	16.128 ± 5.146	-0.256	8.448 ± 3.620	0.768
bn150306993	4	18.944 ± 1.145	0.768	6.400 ± 0.362	3.328
bn150309958	0+1+2+5	52.481 ± 1.086	3.648	10.752 ± 0.724	12.864
bn150312403[s]	0+1+3	0.320 ± 0.547	-0.064	0.064 ± 0.091	-0.064
bn150313657	8+10+11	5.120 ± 3.093	-1.792	1.536 ± 0.923	-0.768
bn150314205	0+1+2+9+10	10.688 ± 0.143	0.608	4.416 ± 0.143	1.888
bn150316400[s]	0+1+3	1.984 ± 1.541	-1.472	0.896 ± 0.543	-1.216
bn150318521	3+6+7	94.720 ± 7.534	0.768	34.048 ± 2.202	13.312
bn150319271	4+5	10.496 ± 1.145	-1.536	5.376 ± 0.572	2.304
bn150320462[g]	6+8+11	0.064 ± 0.360	-0.064	0.048 ± 0.058	-0.064
bn150322066	3+4+6+7+8	15.613 ± 3.593	0.003	4.096 ± 0.572	1.792
bn150323395	0+1+2+9+10	56.321 ± 1.084	0.256	37.377 ± 0.923	5.632
bn150323712	6+7+8	43.264 ± 2.429	-14.336	21.760 ± 1.145	-2.816
bn150324164	6+7+9+10+11	4.608 ± 0.724	1.024	2.304 ± 0.362	2.048
bn150324319	0+1+2+5	13.056 ± 0.724	-0.256	6.144 ± 0.362	3.584
bn150325696[g]	6+7+9	0.080 ± 0.920	-0.032	0.032 ± 0.045	-0.016
bn150326521[u]	0+1+2+3+5	5.888 ± 1.180	-0.896	1.024 ± 0.362	-0.512
bn150326542	0+1+2+5	4.096 ± 1.056	-0.768	1.533 ± 0.571	0.003
bn150329288	8+11	28.928 ± 1.864	-2.560	11.008 ± 2.111	-0.768

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn150330828	0+1+2+5	153.859 ± 0.810	4.672	13.056 ± 0.362	129.090
bn150403913	3+4	22.272 ± 0.810	3.328	6.400 ± 0.572	7.936
bn150404733[u]	7+8	4.864 ± 1.950	-0.768	1.408 ± 0.462	-0.256
bn150411026	2+5	15.360 ± 3.665	-1.024	3.072 ± 1.493	-0.256
bn150412507	6+7+8+9+11	0.576 ± 1.319	-0.128	0.256 ± 0.231	-0.128
bn150412931	9+10+11	0.640 ± 0.861	-0.448	0.256 ± 0.143	-0.128
bn150415029	6+7+9+10+11	34.557 ± 4.104	0.003	16.128 ± 0.923	2.048
bn150416773	0+1+2+5	33.280 ± 3.665	0.512	8.448 ± 0.923	10.752
bn150418819	6+7+9	3.840 ± 1.493	-1.536	1.280 ± 0.362	-0.256
bn150422294	6+7+9+11	30.208 ± 8.583	-6.144	11.008 ± 1.145	-0.256
bn150422703	6+7+9+10+11	36.865 ± 0.572	1.536	16.384 ± 0.572	8.448
bn150423285	10+11	14.336 ± 8.039	-2.560	4.608 ± 1.145	-1.024
bn150424403	8+11	36.096 ± 5.954	-8.960	13.824 ± 1.619	-0.256
bn150425617	6+7+9	4.352 ± 0.923	-0.768	2.560 ± 0.923	-0.256
bn150426594	2+5	22.528 ± 3.167	0.832	2.304 ± 0.572	13.120
bn150428305	6+7	32.512 ± 3.278	0.000	16.384 ± 2.521	6.912
bn150430015	4+8	111.618 ± 2.360	-4.096	18.176 ± 3.367	8.192
bn150501017	0+1+3	9.728 ± 0.923	-0.256	4.096 ± 0.362	0.768
bn150502435	0+3+6+7	109.314 ± 6.676	5.888	36.865 ± 0.923	23.296
bn150506398	6+7+9	6.784 ± 1.282	-0.064	2.304 ± 0.572	1.344
bn150506630[s]	6+7+9	0.512 ± 0.326	0.000	0.256 ± 0.143	0.000
bn150506972[s]	0+1+2+3+5	0.384 ± 0.181	-0.192	0.192 ± 0.143	-0.064
bn150507026	3+4+5	63.489 ± 7.209	24.832	16.128 ± 0.572	35.072
bn150508945	3+4	113.920 ± 1.619	-104.704	100.096 ± 0.724	-98.048
bn150510139	0+1+2+3+5	51.904 ± 0.453	0.384	21.632 ± 0.202	4.032
bn150511362	3+4+5	31.232 ± 4.419	-0.256	9.472 ± 1.305	2.048
bn150512432	9+10+11	123.138 ± 3.167	-19.968	82.433 ± 1.086	14.336
bn150513856	0+1+3+5	158.978 ± 2.862	-157.186	60.929 ± 7.030	-137.218
bn150514774	0+3+4+6+7	10.813 ± 1.072	0.003	2.304 ± 0.362	0.576
bn150520893	0+1+3+4+5	15.616 ± 6.992	-1.792	3.072 ± 1.619	-0.512
bn150522433	7+8+11	43.776 ± 3.874	-11.264	23.808 ± 0.724	-0.512
bn150522944[s]	0+1+3	1.024 ± 0.580	-0.128	0.256 ± 0.143	-0.064
bn150523396	0+1+3	82.433 ± 2.573	1.792	23.552 ± 0.362	9.984
bn150523690	8	114.690 ± 26.576	-15.872	43.521 ± 3.620	0.512
bn150527283[v]	7+8+9+10+11	20.736 ± 5.146	-14.592	4.096 ± 0.572	-1.280
bn150527662	0+1+2+5	63.233 ± 5.184	-15.360	18.944 ± 1.619	3.072
bn150528656	3+4+6+7+8	13.056 ± 1.278	0.256	6.656 ± 0.724	5.376
bn150530488	0+3+4	7.168 ± 0.572	-1.024	2.560 ± 0.724	1.792
bn150601904	0+1+3+6+7	0.768 ± 0.668	-0.576	0.448 ± 0.181	-0.320
bn150602840	9+10+11	10.496 ± 0.724	-0.256	4.352 ± 0.362	2.816

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn150603105	6+7+9	67.328 ± 9.486	-8.704	26.880 ± 2.862	-3.072
bn150603823	7+8+11	102.144 ± 1.864	0.000	60.416 ± 2.172	6.656
bn150604284	6+7+9+10+11	52.736 ± 4.971	0.000	17.152 ± 1.950	4.352
bn150604434	0+1+3+9	0.896 ± 0.143	-0.064	0.640 ± 0.716	0.128
bn150605782[g]	6+7+8+11	0.176 ± 1.243	-0.048	0.016 ± 0.045	-0.032
bn150607330	2+5	26.173 ± 0.680	0.003	13.824 ± 0.810	1.856
bn150609316	0+1+2+3+5	0.256 ± 0.276	-0.240	0.016 ± 0.195	-0.032
bn150612702	3+4+7+8	68.353 ± 2.202	-1.280	24.320 ± 0.724	10.496
bn150613420	3+4+5	27.392 ± 1.846	-4.096	11.776 ± 1.056	1.024
bn150613995	7+8+11	46.593 ± 1.639	-2.816	13.568 ± 0.923	6.912
bn150614073	6+7+9	5.120 ± 0.923	-0.512	2.048 ± 0.362	0.512
bn150618674	6+7+8	45.312 ± 1.086	0.512	25.856 ± 2.560	4.352
bn150619287	6+7+8	57.089 ± 2.360	0.768	37.633 ± 0.572	6.912
bn150622393	7+8+11	60.673 ± 1.086	1.024	29.697 ± 0.923	9.728
bn150627183	3+4+7+8	64.577 ± 0.590	5.312	44.929 ± 0.181	14.720
bn150628767	6+7+8	0.640 ± 0.634	-0.064	0.320 ± 0.231	-0.064
bn150629564[s]	6+7+9+10+11	1.920 ± 1.223	-0.960	0.192 ± 0.091	-0.128
bn150630223	4+5	22.784 ± 1.864	0.560	6.144 ± 0.572	2.864
bn150630958	8	39.169 ± 9.812	-3.072	6.400 ± 1.810	0.256
bn150702998	4+8	45.825 ± 2.064	1.344	14.848 ± 0.572	7.488
bn150703149	3+4+5	50.176 ± 5.152	-16.896	18.944 ± 1.086	-2.304
bn150703259	6+7+9	46.593 ± 1.280	2.304	18.432 ± 0.810	7.424
bn150705009	2+4+5	20.992 ± 1.717	-13.312	4.093 ± 1.379	0.003
bn150705588[s]	0+3+4+7	0.704 ± 0.730	-0.256	0.128 ± 0.181	-0.128
bn150707124	2+5	112.384 ± 1.493	12.032	79.616 ± 0.362	30.208
bn150708339	6+7+9+10+11	95.233 ± 6.476	-7.168	34.817 ± 4.580	8.192
bn150710646	0+1+3	33.280 ± 11.276	-0.512	14.848 ± 1.619	3.072
bn150711766	6+7+9+11	82.177 ± 6.192	-27.904	15.616 ± 2.187	-1.280
bn150712846	2+9+10	59.648 ± 18.862	-11.520	15.360 ± 1.950	-0.512
bn150715136	0+1+2	0.384 ± 0.181	-0.192	0.192 ± 0.091	-0.064
bn150716552	6+7+8+11	32.768 ± 5.684	-6.912	16.128 ± 1.379	-0.256
bn150717795	6+9+10	9.984 ± 1.280	-0.512	4.096 ± 1.810	1.024
bn150718656	0+1+2	19.456 ± 1.379	-1.536	2.048 ± 0.572	-0.256
bn150721242	6+7+8+11	18.432 ± 0.572	1.024	5.888 ± 0.362	3.584
bn150721431[s]	7+8+11	0.320 ± 0.181	-0.064	0.192 ± 0.202	-0.064
bn150721732	7+11	11.520 ± 1.639	-1.536	2.560 ± 0.923	0.256
bn150723608	1+2+5	33.024 ± 2.318	0.000	16.128 ± 1.280	5.888
bn150724398	0+1+2+5	37.376 ± 5.724	-10.240	11.008 ± 2.111	-2.304
bn150724782	6+7+8+9+11	37.889 ± 0.572	5.120	11.520 ± 0.810	28.160
bn150726877	6+7+8	46.849 ± 1.717	-23.296	13.312 ± 0.724	-2.048

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn150727793	0+3+4	49.409 ± 3.974	-1.536	21.504 ± 1.950	5.376
bn150728151[s]	0+1+3+4+5	1.728 ± 0.373	0.000	1.344 ± 0.181	0.064
bn150729517	3+4+7+8	35.585 ± 0.810	0.768	7.168 ± 0.362	21.760
bn150802127	2+5	313.093 ± 2.673	-34.817	35.329 ± 1.493	3.328
bn150802207	3+4	9.984 ± 1.493	-3.072	5.632 ± 0.572	-1.024
bn150804806	6+7+8	51.201 ± 2.187	-2.304	15.360 ± 1.639	9.472
bn150805445	2+5	45.825 ± 5.146	0.512	14.848 ± 0.724	5.888
bn150805746[s]	7+8+11	1.408 ± 0.466	-0.576	0.576 ± 0.181	-0.384
bn150806348	3+4+5	85.248 ± 1.639	-1.280	21.248 ± 2.187	6.144
bn150809516	6+7+9	47.361 ± 3.338	0.512	15.616 ± 1.305	3.840
bn150810485	6+7+8+9+11	1.280 ± 1.026	-0.064	0.256 ± 0.143	0.000
bn150811849	3+4+5	0.640 ± 0.143	-0.064	0.192 ± 0.143	0.256
bn150815604	6+7+8+9+11	24.576 ± 5.591	-2.048	7.936 ± 1.086	1.792
bn150817087	2+10	35.584 ± 1.145	-0.768	12.544 ± 1.056	9.984
bn150817251	8+11	13.312 ± 3.338	-0.512	6.144 ± 0.572	1.280
bn150819440	2+10	0.960 ± 0.091	-0.064	0.576 ± 0.091	0.000
bn150820880	0+1+3	5.888 ± 1.379	-0.768	2.816 ± 1.145	-0.512
bn150821406	9+10	103.426 ± 5.753	4.096	32.000 ± 0.923	17.152
bn150822178	0+1+2+3+5	13.312 ± 0.923	-0.512	4.096 ± 0.362	0.768
bn150824079	3+4+5	13.568 ± 0.362	0.736	10.496 ± 0.362	2.016
bn150824125	0+1+3	32.768 ± 5.910	-8.960	8.192 ± 1.493	-0.768
bn150826557	9+10+11	33.024 ± 1.846	-5.632	15.360 ± 0.724	0.000
bn150827785	0+1+3	10.496 ± 2.673	-2.560	4.352 ± 0.572	0.768
bn150828333	0+1+2+9+10	12.800 ± 1.145	-0.256	4.864 ± 0.572	1.536
bn150828901[s]	0+1+2+3+5	2.048 ± 1.778	-1.856	0.960 ± 0.692	-1.152
bn150830128	6+7+9	44.801 ± 0.724	-6.144	18.432 ± 1.056	1.024
bn150831930	9+10	13.760 ± 2.064	-1.664	3.645 ± 0.602	0.003
bn150901924	8+10+11	0.256 ± 1.145	-0.064	0.128 ± 0.202	-0.064
bn150902733	0+1+3+5	13.568 ± 0.362	3.840	4.608 ± 0.362	6.912
bn150904479	7+8	23.296 ± 3.692	-4.096	14.336 ± 0.923	-1.536
bn150906944	0+1+3+4	0.320 ± 0.210	-0.256	0.032 ± 0.023	-0.032
bn150908408	0+1+2+5	60.928 ± 7.684	-0.256	24.320 ± 1.717	21.504
bn150911315	10+11	41.728 ± 6.542	-18.432	13.056 ± 0.923	-11.520
bn150911588	9+10+11	46.081 ± 3.620	1.024	22.528 ± 2.111	4.608
bn150912443	0+1+2+10	33.537 ± 5.843	-7.424	8.704 ± 1.280	1.024
bn150912600	0+1+2	0.320 ± 0.466	-0.128	0.128 ± 0.091	0.064
bn150913161	6+7+9+11	20.992 ± 1.305	-0.768	6.400 ± 0.362	5.120
bn150917148	10+11	7.424 ± 2.521	-5.632	3.584 ± 1.056	-4.608
bn150919606	0+3+4+5	6.656 ± 0.923	-0.224	3.072 ± 1.056	1.056
bn150922234[s]	6+7+9+10	0.144 ± 0.036	-0.016	0.064 ± 0.045	0.048

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn150922718	0+1+2+10	15.872 ± 5.838	-10.496	4.096 ± 1.379	-4.096
bn150922883	2+10	2.816 ± 0.572	-1.536	1.280 ± 0.572	-0.768
bn150923297[g]	6+7+9+11	0.192 ± 1.462	-0.112	0.064 ± 0.068	-0.048
bn150923429[s]	0+1+2+9+10	0.192 ± 0.143	-0.064	0.128 ± 0.181	-0.064
bn150923864[s]	6+7+8+9+11	1.792 ± 0.091	0.000	0.960 ± 0.091	0.128
bn150923995	0+1+6+9+10	17.152 ± 6.676	-0.512	8.704 ± 0.362	0.512
bn150928359	1+2+9+10	53.504 ± 4.615	-30.208	9.728 ± 1.305	0.768
bn151001348	0+1+2+5	377.862 ± 8.083	-0.640	307.717 ± 1.619	13.184
bn151001628	0+1+3	23.552 ± 5.938	-19.968	6.400 ± 1.280	-4.608
bn151003729	4+5	44.032 ± 5.043	-4.864	29.952 ± 2.187	0.000
bn151006413	0+1+3+5	93.440 ± 6.149	1.536	30.464 ± 1.056	7.168
bn151009949	9+10	18.944 ± 2.429	-14.848	8.192 ± 1.145	-9.472
bn151011136	2+5	25.344 ± 2.996	0.768	8.704 ± 0.572	5.888
bn151014592	6+7+9+10+11	34.304 ± 1.448	-1.024	21.504 ± 2.611	4.608
bn151021791	9+10+11	7.229 ± 0.602	0.003	2.304 ± 0.362	0.832
bn151022577[b]	2+10	0.320 ± 0.648	-0.160	0.064 ± 0.072	-0.032
bn151023104	7+8+11	10.240 ± 3.874	-2.304	3.072 ± 0.724	-0.768
bn151024179	0+1+3+4+5	4.608 ± 2.360	-3.072	1.792 ± 0.362	-1.536
bn151026169	0+1+3	53.248 ± 2.172	-2.304	33.024 ± 1.639	2.048
bn151026523[w]	10+11	63.232 ± 7.952	-0.768	39.680 ± 1.145	3.840
bn151027166	0+1+3	123.394 ± 1.145	0.256	108.034 ± 0.572	3.840
bn151030999	0+1+6+9	116.482 ± 0.923	6.144	16.128 ± 0.362	96.257
bn151107851	6+7+9+10+11	139.010 ± 6.446	2.048	58.625 ± 6.405	8.448
bn151111356	6+7+8	46.336 ± 4.382	0.768	21.248 ± 1.145	5.376
bn151114645	0+1+3	34.816 ± 1.950	-1.792	16.384 ± 2.415	2.816
bn151117442	3+4+6+8	58.561 ± 4.672	-4.992	16.896 ± 2.064	2.880
bn151118554	0+1+2+5	40.897 ± 10.555	-1.408	8.448 ± 1.145	1.856
bn151120349	0+1+2+5	28.417 ± 4.615	0.512	9.216 ± 0.572	3.072
bn151122709	0+1+3	51.200 ± 15.496	-4.352	17.408 ± 2.290	0.256
bn151126293	4+6+7+8	8.448 ± 3.556	-2.048	3.328 ± 1.619	-0.512
bn151129333	6+7+9+10+11	52.224 ± 7.455	-32.768	23.040 ± 1.810	-18.432
bn151130160	3+4+6+7+8	20.224 ± 4.360	-0.512	5.120 ± 0.572	1.024
bn151202565[s]	1+2+10	0.704 ± 1.159	-0.064	0.384 ± 0.264	0.000
bn151205657	0+1+2+3+5	56.320 ± 13.590	-1.280	19.456 ± 2.187	4.352
bn151210041	0+1+3	37.633 ± 1.717	0.768	25.344 ± 1.493	4.352
bn151211672	0+1+2+5	40.897 ± 1.493	-1.408	21.760 ± 0.810	5.952
bn151212030	4+8	22.272 ± 4.615	-14.848	5.888 ± 0.810	-5.376
bn151212064	0+1+2+9+10	13.312 ± 1.557	0.320	2.816 ± 0.362	1.344
bn151218857	0+1+2+5	3.328 ± 2.064	-0.768	0.768 ± 0.572	-0.256
bn151219567	3+4+7+8	62.720 ± 6.676	-0.512	22.784 ± 2.064	1.024

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn151222340	4	0.768 ± 0.362	-0.256	0.256 ± 0.362	0.000
bn151227072	0+1+3	3.389 ± 0.602	0.003	1.024 ± 0.572	0.832
bn151227218	1+2+5	43.008 ± 0.362	1.152	6.784 ± 0.286	27.136
bn151228129[s]	4	0.256 ± 2.268	-0.064	0.192 ± 0.143	-0.064
bn151228949	3+4+5	28.673 ± 1.557	-2.560	12.288 ± 0.810	2.304
bn151229285[u]	0+1+2	3.456 ± 1.032	-0.128	0.640 ± 0.181	0.000
bn151229486[b]	3+4	0.160 ± 0.202	-0.064	0.064 ± 0.072	-0.032
bn151231443	8+11	71.425 ± 0.724	2.304	62.209 ± 0.572	6.144
bn151231568	6+7+8	0.832 ± 0.405	-0.064	0.192 ± 0.091	0.000
bn160101030	1+2+5	4.669 ± 0.602	0.003	2.048 ± 0.362	0.832
bn160101215	0+1+3	22.013 ± 1.619	0.003	4.864 ± 0.923	1.024
bn160102500	0+1+2+5	25.344 ± 1.493	-12.032	4.096 ± 0.572	-0.768
bn160102936	6+7+8+11	10.496 ± 1.145	-1.024	4.864 ± 0.362	2.048
bn160104475	6+7+8+11	8.704 ± 2.896	-3.584	2.304 ± 0.923	-2.304
bn160104918	3+4+5	44.288 ± 1.493	-5.120	9.216 ± 4.871	0.000
bn160106948	2+10	39.425 ± 0.724	3.584	27.136 ± 0.572	7.680
bn160107931	0+1+2+3+5	113.922 ± 17.755	-11.520	31.744 ± 1.379	8.192
bn160111115	0+1+2+3+4+5	26.880 ± 6.676	-0.512	11.008 ± 1.305	1.280
bn160113398	8+11	24.576 ± 0.264	26.176	6.336 ± 0.091	31.296
bn160118060	4+5	46.849 ± 1.145	1.024	14.592 ± 0.572	18.176
bn160119072	3+4+6+7+8	23.296 ± 7.424	-4.608	7.936 ± 2.521	-1.792
bn160123095	0+1+3	37.632 ± 3.167	-3.840	16.640 ± 1.280	-2.048
bn160125368	6+7+8+11	16.896 ± 2.673	-1.536	5.888 ± 1.056	-0.512
bn160131116	2+5	34.816 ± 15.379	-2.816	7.168 ± 1.810	-1.024
bn160131174	8+11	205.315 ± 1.810	-0.768	152.579 ± 2.919	33.025
bn160201883	1+2+5	40.510 ± 6.152	0.003	14.080 ± 1.145	3.136
bn160206430	9+10+11	21.504 ± 4.199	-5.632	5.376 ± 0.920	0.256
bn160211119[s]	6+7+9	0.960 ± 1.042	-0.768	0.448 ± 0.143	-0.384
bn160215773	3+4+5	141.314 ± 1.280	54.273	20.480 ± 0.810	163.331
bn160216801[x]	6+7+9+10+11	7.677 ± 0.571	0.003	2.816 ± 0.362	1.792
bn160218711	0+1+3+4+5	20.224 ± 3.482	-9.472	4.352 ± 0.724	-1.536
bn160219289	0+1+2+3+5	3.520 ± 0.181	0.000	3.200 ± 0.181	0.000
bn160219673	6+7+8+9+11	144.386 ± 2.862	-0.256	16.640 ± 0.572	110.082
bn160220059	0+1+2+9	8.768 ± 1.231	-0.512	4.736 ± 0.362	0.960
bn160220868	0+1+3	22.528 ± 9.444	-7.424	7.424 ± 2.187	-3.072
bn160221993	9+10	11.520 ± 0.923	-1.792	4.608 ± 0.724	0.000
bn160222070	0+1+3+4+5	18.176 ± 1.280	-5.632	7.680 ± 1.145	-0.256
bn160223072	6+7+8+9+10+11	117.762 ± 3.208	1.792	18.176 ± 1.145	94.210
bn160223416	0+1+6+9+10	17.920 ± 2.360	0.000	5.888 ± 1.280	4.096
bn160223670	2+5	288.005 ± 0.724	0.512	256.517 ± 1.639	13.568

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn160224911	0+1+2+3+5	0.384 ± 1.778	-0.064	0.256 ± 0.231	0.064
bn160225720	6+7+9	70.144 ± 1.493	-32.256	32.512 ± 1.305	-18.688
bn160225809	7+8+11	64.257 ± 1.145	2.560	9.728 ± 0.362	47.105
bn160226913	6+7+9	105.472 ± 2.560	-2.048	52.736 ± 1.846	24.576
bn160227831	6+9+10+11	7.680 ± 0.810	0.256	5.120 ± 0.362	1.280
bn160228034	0+1+2+3	16.128 ± 3.338	-12.544	3.584 ± 0.724	-3.840
bn160301215	6+7+8+9+11	29.697 ± 3.620	0.256	7.680 ± 0.572	3.584
bn160303201	8+11	48.129 ± 6.446	1.792	17.920 ± 1.864	13.312
bn160303971	6+7+9	27.136 ± 6.987	-1.792	11.264 ± 1.379	0.256
bn160308709	0+1+2+6+9	88.064 ± 3.727	-1.280	66.816 ± 19.659	1.024
bn160310016	0+1+2+9+10	25.857 ± 2.828	-0.256	8.448 ± 0.572	5.120
bn160310291	8+11	23.614 ± 1.864	0.003	12.288 ± 2.611	0.320
bn160314473[s]	7+8+11	1.664 ± 0.730	-0.704	0.192 ± 0.607	-0.064
bn160314929	0+1+3	98.562 ± 5.431	-3.840	13.568 ± 2.064	2.816
bn160315739	3+4+5	3.328 ± 1.086	-2.816	1.536 ± 0.923	-2.048
bn160316139	3+4+5	17.152 ± 4.352	-4.608	6.400 ± 1.280	-1.792
bn160316573	8+11	17.920 ± 3.665	-0.768	7.680 ± 1.280	1.024
bn160317385	10	43.776 ± 1.619	-0.768	32.512 ± 5.146	0.256
bn160318342	0+1+3+9	12.800 ± 3.278	-4.096	5.120 ± 1.717	-1.536
bn160323293	1+2+5	25.088 ± 2.064	-2.816	6.400 ± 2.360	0.000
bn160325291	6+7+9	42.945 ± 0.572	2.048	8.576 ± 1.557	6.208
bn160326062	4+7+8	19.456 ± 0.724	-9.728	6.400 ± 0.572	-1.280
bn160330827	9+10+11	41.985 ± 1.280	0.512	14.080 ± 0.724	5.376
bn160401065	0+1+2+5	20.992 ± 0.923	0.768	6.656 ± 0.572	6.656
bn160406023	6+7+8+11	23.040 ± 6.831	-6.912	9.472 ± 0.724	-1.280
bn160406503[g]	1+2+9+10	0.432 ± 1.105	-0.336	0.064 ± 0.045	-0.016
bn160406570	4+8	66.560 ± 16.836	-3.328	43.008 ± 1.145	2.304
bn160407673	7+8+11	7.104 ± 0.572	-0.384	3.840 ± 0.362	1.344
bn160408268[b]	0+1+3	1.056 ± 0.604	-0.544	0.256 ± 0.072	-0.032
bn160411062[s]	3+4+5	0.672 ± 0.435	-0.928	0.288 ± 0.226	-0.672
bn160416022[y]	6+7+9	26.621 ± 3.435	0.004	12.288 ± 2.290	4.096
bn160419637	2+4+5	24.320 ± 6.964	-20.480	5.888 ± 2.673	-4.352
bn160421137	4+5	25.088 ± 6.676	1.792	9.216 ± 0.572	5.120
bn160422499	0+1+2+3+5	12.288 ± 0.362	0.832	4.608 ± 0.362	4.672
bn160423066[s]	3+4+5	11.968 ± 2.248	-0.640	4.544 ± 1.094	0.640
bn160424492	0+1+3	6.592 ± 0.923	-0.640	1.536 ± 0.572	0.576
bn160428412	0+1+3	0.576 ± 1.270	-0.384	0.192 ± 0.202	-0.192
bn160503567	0+1+3	28.672 ± 1.493	-2.560	11.008 ± 2.862	0.256
bn160508290	3+4+5	11.008 ± 1.145	-0.512	5.120 ± 0.724	1.024
bn160509374	0+1+3+6+7+9	369.670 ± 0.810	8.192	55.041 ± 1.305	13.824

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn160512199	6+7+9+10+11	78.081 ± 3.566	-47.617	17.920 ± 0.572	6.144
bn160512536	3+6+7	104.448 ± 8.764	-72.448	65.280 ± 3.620	-55.040
bn160513553	8	1.664 ± 0.500	-1.664	1.280 ± 0.528	-1.536
bn160513962	7+8+11	65.792 ± 5.838	-54.272	44.800 ± 2.521	-45.312
bn160515819	0+1+2	84.481 ± 3.208	-0.768	56.065 ± 2.673	15.872
bn160516237	10+11	2.432 ± 0.771	-0.960	0.832 ± 0.181	-0.064
bn160518039	2+10	22.784 ± 4.375	-6.400	6.912 ± 0.923	3.584
bn160518985	9+10+11	27.136 ± 2.360	-0.256	12.800 ± 0.724	3.072
bn160519012	0+1+3+5	98.560 ± 1.145	-1.792	30.208 ± 1.056	0.512
bn160519060	3+4+6+7+8	17.664 ± 1.950	-1.280	6.656 ± 1.145	0.768
bn160519677	7+8+11	19.200 ± 1.493	-1.536	13.824 ± 1.379	-0.256
bn160521385	3+6+7+8	2.816 ± 0.628	0.320	1.024 ± 0.362	1.088
bn160521839	0+1+3+4+5	15.872 ± 0.923	-0.768	3.584 ± 0.724	0.256
bn160522445	0+1+3+9	43.777 ± 5.400	-0.768	12.032 ± 0.572	4.608
bn160523919	7+8+11	71.424 ± 2.111	0.512	44.288 ± 0.810	16.384
bn160527080	9+10+11	25.344 ± 4.558	-18.688	9.472 ± 1.145	-6.400
bn160528276	2	7.168 ± 2.611	-1.792	3.072 ± 1.145	-0.512
bn160530667	0+1+2+5	9.024 ± 0.181	3.584	3.264 ± 0.143	5.184
bn160603719	7+8+11	0.384 ± 0.231	-0.128	0.192 ± 0.202	-0.064
bn160605847	4+5	5.504 ± 0.842	-0.064	1.792 ± 0.143	0.448
bn160609690	0+3+6+7	1.600 ± 1.145	-0.320	0.448 ± 0.547	-0.256
bn160609941	4+8	60.160 ± 4.167	-0.256	50.688 ± 1.619	1.024
bn160612842[b]	0+1+2+3	0.288 ± 0.231	-0.128	0.064 ± 0.045	0.000
bn160621497	6+7+8+9+11	251.136 ± 6.734	1.024	194.816 ± 12.810	25.600
bn160623209	7+8	107.776 ± 8.693	-1.280	50.944 ± 4.471	7.168
bn160624477	1+2+9+10	0.384 ± 0.405	-0.256	0.128 ± 0.181	-0.064
bn160625230	6+7+8+9+11	43.265 ± 10.801	-1.024	9.472 ± 0.810	2.560
bn160625240	0+3+4	10.752 ± 2.611	-0.256	3.328 ± 0.572	0.256
bn160625945[z]	6+7+9	453.385 ± 0.572	188.451	12.032 ± 0.362	192.291
bn160628136	1+2+5	5.888 ± 2.429	-1.536	1.792 ± 1.379	-0.256
bn160628579	6+9+10+11	23.040 ± 1.145	-10.752	2.816 ± 0.362	0.000
bn160629930	6+7+8+9+11	64.769 ± 0.923	3.328	14.080 ± 0.572	9.728
bn160709370	9+10	38.657 ± 1.864	-0.768	14.592 ± 0.923	8.704
bn160709826	0+3+4	5.440 ± 0.453	0.000	0.384 ± 0.091	0.384
bn160710233	0+1+2+5	57.856 ± 5.526	-58.112	39.168 ± 1.379	-43.520
bn160711968	6+7+9+10+11	25.344 ± 4.762	-19.456	17.920 ± 0.724	-17.152
bn160714097	6+7+9+10+11	0.320 ± 0.362	-0.064	0.256 ± 0.091	-0.064
bn160716144	6+7+9	28.928 ± 1.280	-3.328	11.776 ± 1.639	4.352
bn160717813	7+8+9+11	66.817 ± 1.717	-4.352	25.344 ± 0.572	22.528
bn160718975	0+1+2+3+5	8.448 ± 0.810	-0.256	2.816 ± 0.572	0.768

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn160720275	6+7+8+9+10+11	14.336 ± 4.810	-6.144	4.352 ± 0.923	-1.280
bn160720767	2+5	69.889 ± 2.064	37.889	11.776 ± 0.362	80.897
bn160721806	8+11	9.984 ± 2.828	0.000	5.888 ± 0.923	1.536
bn160724444	3+4+5	11.008 ± 0.572	-0.032	6.400 ± 0.362	2.784
bn160726065	0+1+2+5	0.768 ± 0.345	-0.064	0.192 ± 0.143	0.448
bn160727971[s]	1+2+5	3.136 ± 2.294	-2.240	1.280 ± 0.516	-1.024
bn160728337	10+11	18.688 ± 4.924	-3.328	8.448 ± 2.360	-1.536
bn160731024	1+3+4+5	28.672 ± 1.950	-5.376	5.376 ± 1.379	-1.280
bn160802259	2+10	16.384 ± 0.362	0.288	4.608 ± 0.362	1.056
bn160804065	3+4+8	131.586 ± 21.723	-50.689	45.569 ± 2.757	-11.776
bn160804180[s]	1+2+5	0.640 ± 0.091	-0.064	0.384 ± 0.091	0.064
bn160804775	0+1+2	151.808 ± 6.446	-5.632	65.280 ± 3.114	5.632
bn160804968[b]	0+1+3+5	0.192 ± 0.643	-0.160	0.064 ± 0.072	-0.032
bn160806584[s]	8+11	1.664 ± 0.453	-0.192	0.448 ± 0.181	0.128
bn160813297	6+7+9	7.936 ± 1.639	-1.280	2.816 ± 0.362	0.000
bn160814622[s]	6+7+9	1.664 ± 1.900	-0.832	0.576 ± 0.320	-0.640
bn160815299	2+10	21.248 ± 6.446	-4.608	7.424 ± 1.619	-1.792
bn160815490	6+7+9+10	7.104 ± 1.145	-2.944	2.621 ± 0.407	0.003
bn160816414	6+7+9+11	11.776 ± 3.806	-8.448	5.376 ± 2.064	-4.608
bn160816730[s]	6+7+9+11	11.072 ± 0.091	0.384	6.912 ± 0.143	3.456
bn160818198	3+4+5	6.400 ± 0.923	-1.280	2.304 ± 0.810	1.280
bn160818230[s]	4+5	2.176 ± 0.905	-1.984	0.256 ± 1.032	-0.192
bn160819852	3+4+5	33.536 ± 1.493	5.376	6.656 ± 0.572	25.344
bn160820496[s]	6+7+9+10+11	0.448 ± 0.143	-0.064	0.192 ± 0.143	0.000
bn160821857	6+7+9	43.009 ± 0.724	118.530	12.288 ± 0.362	130.562
bn160821937	6+7+9+10+11	1.088 ± 0.977	-0.064	0.384 ± 0.202	-0.064
bn160822672[A]	9+10	0.040 ± 0.385	-0.016	0.008 ± 0.018	-0.008
bn160824598	8+11	3.456 ± 0.389	0.000	1.536 ± 0.091	0.896
bn160825799	6+7+9+10+11	6.144 ± 0.362	-0.512	2.560 ± 0.362	0.768
bn160826938[s]	0+1+2+5	1.792 ± 0.773	-1.344	0.640 ± 0.181	-0.832
bn160827586	4	51.200 ± 4.048	-4.096	24.064 ± 1.639	3.584
bn160827616	1+2+5	6.400 ± 1.846	-4.096	2.048 ± 1.145	-1.792
bn160827837	6+7+9+10+11	24.576 ± 5.849	-8.448	6.656 ± 1.305	-1.792
bn160829334	0+1+3+7+9	0.512 ± 0.202	-0.064	0.256 ± 0.091	0.000
bn160831411	6+9+10	50.689 ± 2.318	0.832	18.176 ± 1.864	6.976
bn160905471	6+7+9	33.537 ± 1.379	3.840	10.496 ± 0.923	10.496
bn160908136	0+3+4	156.672 ± 21.722	-20.736	102.912 ± 4.700	2.048
bn160909061	6+7+9	18.432 ± 1.864	-12.032	8.192 ± 0.810	-5.888
bn160910722	0+1+2+3+5	24.320 ± 0.362	4.608	3.584 ± 0.362	8.192
bn160912350	6+7+8+9+11	32.704 ± 13.057	-0.128	11.776 ± 0.724	3.392

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn160912521	8+11	84.481 ± 0.923	3.840	36.353 ± 0.923	35.328
bn160912674	9+10	48.128 ± 5.221	1.024	18.432 ± 1.448	7.168
bn160917456	0+1+3+5	14.592 ± 1.448	-4.608	3.072 ± 0.362	1.792
bn160917479	0+1+2+3+5	19.456 ± 5.638	-0.256	8.960 ± 0.572	1.024
bn160917921	1+2+5	10.752 ± 3.167	-0.768	4.864 ± 1.379	0.512
bn160919613	3+4+7+8	62.465 ± 3.665	-9.728	23.808 ± 1.810	5.888
bn160919858	0+1+3+6+7+9	79.104 ± 2.318	0.000	23.040 ± 1.864	3.328
bn160920249	6+7+9	15.616 ± 5.894	-0.768	3.840 ± 0.810	0.256
bn160921087	3+4+6+7+8	48.897 ± 0.810	-0.512	36.097 ± 0.572	2.560
bn160922856	9+10+11	20.736 ± 4.944	-5.888	3.840 ± 1.280	-2.048
bn160924253	2+10	74.496 ± 14.117	-6.400	52.480 ± 3.238	-2.304
bn160925221	6+7+8+9+11	50.944 ± 7.718	-1.792	25.856 ± 0.923	3.328
bn160928825	1+2+5	6.141 ± 0.572	0.003	2.048 ± 0.572	1.280
bn160929529	9+10+11	4.608 ± 0.724	-0.512	2.560 ± 0.362	0.000
bn161001045	0+1+3+4	2.240 ± 0.232	-0.128	1.024 ± 0.181	0.640
bn161004964	3+4	12.800 ± 0.572	1.280	5.120 ± 0.362	3.840
bn161005977	0+1+3	19.456 ± 1.639	-3.072	7.168 ± 1.280	-1.280
bn161007009	0+1+3+4+5	30.720 ± 2.919	-0.768	15.616 ± 2.111	2.304
bn161009651	0+1+2+10	92.160 ± 4.104	0.256	32.512 ± 0.923	4.864
bn161012214	9+10	11.008 ± 1.379	-5.120	4.864 ± 0.923	-2.560
bn161012416	6+7+8+9+11	44.288 ± 3.328	-22.016	13.568 ± 1.493	-8.960
bn161012637	0+1+3	6.400 ± 3.114	-1.792	1.792 ± 0.923	-1.024
bn161013948	0+1+3+5	34.816 ± 2.769	-1.024	11.264 ± 0.923	1.280
bn161014522	9+10+11	36.609 ± 1.493	-3.328	13.824 ± 0.572	2.304
bn161015400[b]	1+2	0.192 ± 0.847	-0.096	0.064 ± 0.072	-0.064
bn161015710	0+1+2	15.104 ± 0.362	0.256	9.728 ± 0.362	1.792
bn161017745	5	37.888 ± 10.861	-19.456	10.240 ± 1.810	-5.120
bn161020024	3+4+5	12.288 ± 4.471	-7.680	3.328 ± 0.572	-3.072
bn161020759	3+4+7+8	24.320 ± 1.557	3.584	11.520 ± 0.572	6.144
bn161020767	4+6+7+8	22.077 ± 0.602	0.003	9.472 ± 0.810	2.112
bn161022114	4+5	26.368 ± 6.323	-15.872	7.168 ± 4.471	-4.096
bn161026373[g]	0+1+3	0.112 ± 0.210	-0.032	0.048 ± 0.051	-0.016
bn161105417	0+1+2+5	41.473 ± 1.086	1.280	17.152 ± 6.405	18.432
bn161106499	0+1+2+3+5	10.752 ± 0.362	0.768	5.120 ± 0.362	2.560
bn161106786	0+1+2+9+10	12.544 ± 2.862	-5.376	1.792 ± 0.572	-0.256
bn161109263	3+4+7+8	23.552 ± 1.379	3.840	6.400 ± 0.572	12.288
bn161110179	0+1+2	1.792 ± 0.923	-1.536	1.280 ± 0.923	-1.280
bn161111197	1+2+5	118.528 ± 2.673	-1.024	108.544 ± 0.923	2.048
bn161112496	6+7+8	71.422 ± 2.187	0.003	35.328 ± 0.923	2.560
bn161115745[g]	0+1+3	0.032 ± 2.240	-0.048	0.032 ± 0.045	-0.048

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn161117066	1+2	122.178 ± 0.659	4.096	77.249 ± 0.429	37.248
bn161119633	6+7+9+10	77.824 ± 2.360	-60.672	34.560 ± 2.429	-30.976
bn161121186[s]	6+7+9	0.128 ± 0.640	-0.128	0.064 ± 0.487	-0.128
bn161125931	6+7+9+11	69.633 ± 3.083	-32.257	11.520 ± 0.572	5.120
bn161128216	0+1+3	6.912 ± 2.919	-1.536	1.536 ± 0.572	-0.256
bn161129300	3+4+8	36.096 ± 0.724	5.376	15.616 ± 0.810	16.640
bn161201342	2+9+10	12.800 ± 1.846	-3.328	3.328 ± 0.362	0.256
bn161205561	0+1+2+9+10	33.536 ± 3.874	-1.280	18.688 ± 1.056	2.304
bn161206064	3+4+6+7+8	33.537 ± 1.280	-5.376	9.472 ± 0.362	4.608
bn161207224	0+1+3	8.192 ± 3.258	-2.560	2.304 ± 1.280	-1.024
bn161207813	9+10+11	36.352 ± 3.114	-2.304	18.432 ± 1.950	3.328
bn161210524	3+4+7+8	2.304 ± 2.862	-1.792	1.024 ± 0.724	-0.768
bn161212652	8	2.816 ± 0.320	-0.384	0.640 ± 0.264	-0.128
bn161213295	6+7+9	23.296 ± 1.619	-2.304	8.448 ± 2.111	-0.256
bn161214722	9+10+11	22.528 ± 1.619	-0.256	8.960 ± 0.572	2.048
bn161217128	0+1+3	3.584 ± 2.360	-1.536	1.536 ± 0.923	-1.024
bn161218222[b]	6+7+9+10+11	0.320 ± 0.516	-0.064	0.096 ± 0.045	0.000
bn161218356	3+4+7+8	25.857 ± 0.362	1.536	13.312 ± 0.572	5.120
bn161220605	6+9+10	41.729 ± 2.611	1.024	12.800 ± 1.379	3.584
bn161227498	6+7+9+10+11	2.560 ± 1.680	-0.448	0.704 ± 0.231	0.064
bn161228032	6+7+8+9+11	39.937 ± 7.637	1.024	9.472 ± 0.810	14.848
bn161228388	0+1+3	72.704 ± 4.672	-18.176	32.256 ± 2.673	-4.352
bn161228405	0+1+2+5	50.176 ± 3.444	-0.256	25.856 ± 1.379	0.768
bn161228553	6+7+9	47.105 ± 15.625	-0.256	11.264 ± 2.064	2.304
bn161229878	9+10+11	33.537 ± 0.362	2.560	19.456 ± 0.362	11.776
bn161230298[s]	0+1+2+5	0.448 ± 0.389	-0.448	0.064 ± 0.143	-0.064
bn161230511	0+1+3	48.896 ± 4.382	-0.256	15.616 ± 2.318	1.536
bn170101116	9+10+11	12.800 ± 0.362	0.320	6.912 ± 0.572	3.136
bn170101374[s]	7+8+11	2.304 ± 0.689	-0.576	1.088 ± 0.320	-0.192
bn170106968	2	31.232 ± 10.524	-0.768	19.968 ± 6.461	2.816
bn170109137	6+7+8+9+11	293.637 ± 2.360	1.024	252.932 ± 0.923	8.448
bn170110967	3+4+6+7+8	34.048 ± 12.554	-0.256	25.856 ± 1.280	1.024
bn170111760[s]	7+8+11	0.832 ± 0.781	-0.704	0.128 ± 0.091	-0.128
bn170111815[s]	3+4+7+8	3.072 ± 1.318	-1.600	0.320 ± 0.091	-0.064
bn170112970[s]	0+1+3	7.360 ± 1.557	-0.256	2.496 ± 0.405	0.064
bn170113420	8+11	49.152 ± 4.136	-4.096	30.720 ± 5.345	0.512
bn170114833	7+9+10+11	29.184 ± 0.572	0.320	8.448 ± 0.362	2.112
bn170114917	1+2+10	12.032 ± 1.305	0.512	3.072 ± 0.572	1.792
bn170115662	9+10+11	120.320 ± 4.871	-1.024	94.464 ± 0.362	2.816
bn170115743	0+1+2+3	44.288 ± 3.083	0.512	19.200 ± 0.572	4.864

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn170116238	2+5	9.216 ± 3.620	-1.024	4.352 ± 2.111	-0.256
bn170119228	6+7+9	28.928 ± 2.429	-5.632	17.152 ± 1.145	1.792
bn170120471	3+4+5	28.928 ± 7.697	-2.048	8.704 ± 1.305	0.768
bn170121067[s]	0+1+2+9+10	2.304 ± 0.286	-0.064	0.832 ± 0.143	0.896
bn170121133	3+4+7	1.600 ± 0.905	-1.472	0.576 ± 0.389	-0.640
bn170121614	9+10	46.337 ± 2.187	-11.264	19.712 ± 0.572	5.120
bn170124238	3+4+8	39.168 ± 4.891	0.768	12.288 ± 0.923	3.584
bn170124528[b]	2+10	0.448 ± 0.559	-0.320	0.128 ± 0.091	-0.032
bn170124874	0+1+3	22.784 ± 0.572	1.792	13.824 ± 0.362	4.864
bn170125022[s]	0+1+2+5	3.904 ± 1.120	-2.432	1.600 ± 0.462	-1.600
bn170125102[g]	2+5	0.672 ± 1.227	-0.672	0.272 ± 0.258	-0.304
bn170126480	6+7+9	13.824 ± 3.083	0.256	3.840 ± 0.362	1.280
bn170127067[g]	4	0.128 ± 0.045	0.000	0.080 ± 0.023	0.016
bn170127634[s]	0+3+4	1.728 ± 1.346	-0.064	0.256 ± 0.091	0.000
bn170130302	0+1+3	50.177 ± 4.382	-0.256	19.456 ± 0.362	11.008
bn170130510	1+2+3+5	101.122 ± 1.493	-5.120	81.665 ± 0.724	3.584
bn170130697	0+3+4+7+8	29.184 ± 6.155	-13.056	8.192 ± 1.493	-3.840
bn170131969	0+0+1+3	23.040 ± 5.971	-2.560	14.336 ± 1.448	1.024
bn170203486[g]	3+4+8	0.336 ± 0.506	-0.064	0.144 ± 0.116	-0.048
bn170205521[u]	2+10	5.376 ± 1.286	-0.128	1.280 ± 0.462	0.128
bn170206453	9+10+11	1.168 ± 0.102	0.208	0.576 ± 0.045	0.496
bn170207906	1+2+5	38.913 ± 0.572	1.280	15.360 ± 0.362	5.376
bn170208553	0+1+2+5	53.761 ± 1.864	2.304	37.889 ± 0.362	8.960
bn170208758	8+11	7.168 ± 1.056	0.000	3.840 ± 0.572	0.256
bn170208940	6+7+8+9+11	22.016 ± 1.639	-7.936	4.608 ± 0.362	2.304
bn170209048	2+10	39.677 ± 2.064	0.003	32.000 ± 0.362	2.304
bn170210116	2+10	76.545 ± 1.379	17.920	22.016 ± 0.572	40.961
bn170212034	9+10+11	15.872 ± 1.846	-3.072	7.680 ± 1.305	-0.256
bn170214649	0+1	122.882 ± 0.724	12.544	38.145 ± 0.572	34.049
bn170219002[g]	8+10+11	0.096 ± 0.437	-0.032	0.048 ± 0.036	-0.016
bn170219110	0+1+2+9+10	10.240 ± 2.202	-2.048	3.840 ± 0.572	-0.512
bn170222209[s]	2+5	1.664 ± 0.143	-0.064	0.832 ± 0.091	0.256
bn170228773	4+5	46.081 ± 3.367	-0.256	18.944 ± 0.724	4.864
bn170228794	0+1+2+9+10	60.673 ± 2.111	1.568	14.848 ± 1.305	3.360
bn170301812	3+4+5	12.544 ± 7.464	-1.536	5.120 ± 1.864	0.000
bn170302166[s]	6+7+9+11	3.840 ± 1.900	-0.768	1.472 ± 0.181	-0.320
bn170302719	6+7+8+9+11	87.808 ± 5.526	-66.816	48.128 ± 1.379	-46.848
bn170302876	0+1+2+3+5	89.856 ± 3.874	0.768	49.664 ± 1.619	7.680
bn170304003[g]	0+1+2+9+10	0.160 ± 0.315	-0.016	0.048 ± 0.036	0.000
bn170305256[b]	0+1+2	0.448 ± 0.072	-0.032	0.128 ± 0.045	0.032

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn170306130	6+7+9+11	32.257 ± 4.128	-5.888	10.752 ± 0.572	1.280
bn170306588	6+7+8+11	18.944 ± 0.923	4.608	9.472 ± 0.362	8.704
bn170307851	2+5	28.416 ± 1.717	-2.304	13.824 ± 1.999	5.376
bn170308221	9+10+11	11.520 ± 0.724	3.072	4.608 ± 0.362	8.192
bn170310417	6+7+8+9+11	13.568 ± 6.676	-10.240	1.536 ± 0.724	-1.280
bn170310883	8+11	18.176 ± 2.290	-1.536	6.656 ± 1.145	0.768
bn170313125	0+3+4+5	41.984 ± 19.338	-2.304	5.888 ± 0.724	0.512
bn170315582	6+7+8	16.128 ± 2.360	-1.280	7.168 ± 1.056	0.000
bn170316710	6+7+8+9+11	39.425 ± 1.145	-4.608	11.264 ± 0.810	4.608
bn170317666	4+8	212.995 ± 3.916	1.840	182.531 ± 1.086	7.472
bn170318644[s]	1+2+10	4.096 ± 2.319	-2.112	1.152 ± 0.692	-0.576
bn170323058	9+10	33.536 ± 9.849	-26.880	10.496 ± 3.874	-10.240
bn170323775	6+7+9	35.328 ± 5.400	-8.960	13.824 ± 0.572	0.000
bn170325331[s]	0+1+2+9+10	0.576 ± 0.326	-0.064	0.128 ± 0.091	0.000
bn170326489	4+5	9.728 ± 2.721	-4.352	4.096 ± 0.923	-1.280
bn170329387	0+1+3+4+5	33.536 ± 6.149	0.256	5.376 ± 0.362	2.048
bn170402285	0+1+3	7.229 ± 0.602	0.003	4.352 ± 0.572	1.344
bn170402961	0+1+2+9	22.528 ± 1.143	0.256	17.920 ± 0.362	3.072
bn170403583	4+7+8	0.480 ± 0.378	-0.096	0.080 ± 0.058	0.000
bn170403707	7+8	14.016 ± 1.145	-0.640	4.608 ± 0.362	1.344
bn170405777	6+7+9+11	78.593 ± 0.572	7.424	32.256 ± 0.572	22.016
bn170409112	1+2+5	64.001 ± 0.724	29.440	18.944 ± 0.572	36.096
bn170412917	6+7+9+10+11	81.601 ± 0.923	-26.241	30.976 ± 0.362	1.344
bn170412988	9+10+11	31.232 ± 1.280	0.256	15.616 ± 1.305	2.816
bn170414551	0+1+3	45.824 ± 5.526	-0.768	18.176 ± 2.360	0.768
bn170416583[g]	9+10	61.952 ± 0.572	-5.120	48.896 ± 0.572	-3.072
bn170419898	0+1+3+5	24.064 ± 0.572	0.000	3.840 ± 0.572	1.024
bn170419983	6+7+8	12.541 ± 4.359	0.003	3.840 ± 0.724	1.792
bn170422343	9+10+11	25.344 ± 0.572	8.672	9.728 ± 0.362	12.000
bn170423719	0+1+2+5	46.593 ± 1.145	3.072	14.848 ± 1.379	8.960
bn170423872	7+8+11	9.984 ± 0.724	-0.256	4.096 ± 0.362	1.792
bn170424425	0+1+2+3+5	53.249 ± 3.167	2.816	20.736 ± 0.572	13.568
bn170428136	2+5	27.648 ± 3.974	-5.632	8.704 ± 0.724	-0.256
bn170429799	9+10+11	220.163 ± 1.379	-131.842	73.473 ± 1.999	-36.353
bn170430204	0+1+2+3+5	0.384 ± 0.773	-0.192	0.064 ± 0.231	-0.128
bn170501467	0+1+2	47.360 ± 3.415	-0.768	15.104 ± 1.056	2.304
bn170504734[s]	2+10	0.704 ± 1.139	-0.832	0.256 ± 0.429	-0.448
bn170506169[s]	3+4	0.832 ± 1.950	-0.448	0.320 ± 0.320	0.000
bn170510217	9+10	127.746 ± 0.923	2.816	15.616 ± 0.724	12.544
bn170511249	4+7+8	40.705 ± 0.572	0.512	9.472 ± 0.362	25.344

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn170511477[u]	4+8	2.304 ± 1.280	-0.768	1.408 ± 0.975	-0.512
bn170511648	6+7+8+9+11	1.280 ± 1.557	-1.280	0.512 ± 0.362	-1.024
bn170514152	6+7+9+10	12.032 ± 2.828	-0.256	8.960 ± 0.724	0.256
bn170514180	0+1+2+9+10	103.938 ± 0.923	1.280	12.288 ± 0.362	77.313
bn170516808	3+4+5	11.008 ± 6.802	-5.120	1.280 ± 3.114	-1.536
bn170520202	6+7+9+11	6.144 ± 5.081	-4.096	1.280 ± 0.572	-0.768
bn170521882	2+5	7.680 ± 1.999	-4.864	2.304 ± 1.280	-1.792
bn170522657	0+1+2	7.424 ± 0.572	0.576	2.304 ± 0.362	2.368
bn170527480	0+3+4	49.153 ± 1.557	1.088	20.224 ± 0.362	6.208
bn170530581	0+1+2	19.456 ± 1.145	-6.912	8.448 ± 0.724	-0.512
bn170604603[s]	3+4+6+7+8	0.320 ± 0.143	-0.064	0.192 ± 0.091	0.000
bn170606968	0+1+2+5	11.264 ± 0.724	-1.536	2.304 ± 0.362	1.280
bn170607946	8+11	18.176 ± 0.362	2.816	8.960 ± 0.572	7.168
bn170607971	2+5	20.928 ± 2.096	-0.128	5.632 ± 0.362	1.600
bn170610689	0+1+3+4+5	19.200 ± 0.362	0.256	11.008 ± 0.362	2.816
bn170611937	6+7+8	27.904 ± 1.999	-3.840	19.712 ± 0.724	-0.768
bn170614255	0+1+3+4+5	122.626 ± 2.429	1.280	60.417 ± 1.619	8.960
bn170614486	8+11	26.880 ± 1.280	2.560	8.192 ± 0.724	11.520
bn170614505	8+11	5.376 ± 1.639	-2.048	2.560 ± 1.280	-1.024
bn170616047	0+1+3+4+5	9.216 ± 1.619	-1.536	3.584 ± 0.923	0.256
bn170616165	0+1+2+5	56.320 ± 6.085	0.000	24.832 ± 2.360	7.424
bn170618475	3+4+6+7+8	52.481 ± 1.639	-4.096	16.896 ± 0.572	12.032
bn170621784	4+5	32.000 ± 5.894	-5.888	12.288 ± 1.493	0.512
bn170625692	6+7+9+11	22.784 ± 8.798	-2.560	8.704 ± 2.111	1.792
bn170626401	0+1+2+5	12.288 ± 0.362	0.512	5.888 ± 0.572	1.280
bn170627931	6+7+8+9+11	17.152 ± 0.923	-6.912	7.424 ± 0.572	0.512
bn170629537	0+1+3	28.160 ± 7.186	1.024	5.888 ± 0.724	4.864
bn170705115	8+11	22.781 ± 1.377	0.004	3.584 ± 0.572	7.680
bn170705200	6+7+9	27.648 ± 0.724	-0.256	8.448 ± 0.572	4.096
bn170705244	6+7+8	5.888 ± 1.379	-2.304	2.304 ± 0.810	-0.512
bn170708046[g]	7+8+9+10+11	0.144 ± 0.045	-0.016	0.064 ± 0.023	0.000
bn170709334	6+7+8+9+10+11	1.856 ± 0.898	-0.576	0.704 ± 0.091	0.000
bn170710340	0+3+4	42.240 ± 4.636	0.512	17.152 ± 0.724	4.864
bn170711019	0+1+2+3+4+5	15.104 ± 2.769	-1.280	4.864 ± 0.810	-0.256
bn170711713[s]	6+7+8+11	1.152 ± 1.288	-0.832	0.384 ± 0.143	-0.192
bn170711931	0+1+3+4	12.288 ± 2.429	-1.280	3.072 ± 0.572	0.256
bn170714049[b]	3+6+7+8	0.224 ± 0.396	-0.224	0.032 ± 0.045	-0.032
bn170715878	10+11	12.800 ± 1.864	-2.816	9.216 ± 2.862	-1.024
bn170717952	9+10+11	11.776 ± 1.864	-0.512	3.840 ± 1.379	0.256
bn170718152	3+4+5	40.192 ± 4.136	-9.984	10.752 ± 1.493	-1.792

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn170722525	0+1+3	37.376 ± 3.916	0.000	13.056 ± 1.619	2.304
bn170723076	0+1+3	20.224 ± 2.429	-4.096	10.752 ± 2.673	-1.280
bn170723677	6+7+8	20.992 ± 3.083	-1.792	9.728 ± 1.056	-0.512
bn170723882	3+4	5.376 ± 3.727	-4.096	1.792 ± 0.724	-2.048
bn170724543	3+4+5	19.200 ± 4.419	-0.512	4.608 ± 0.923	0.512
bn170726249	6+7+9	1.792 ± 0.923	-0.768	0.768 ± 0.362	-0.256
bn170726794	7+8+11	78.080 ± 1.864	-1.536	29.696 ± 2.187	3.840
bn170727841	6+7+9+10+11	19.200 ± 3.974	-2.304	9.472 ± 2.187	-0.256
bn170728961	6+7+9+10	46.336 ± 0.810	0.000	18.432 ± 0.810	0.256
bn170730133	7+8+11	6.656 ± 0.923	-1.280	2.048 ± 0.362	0.512
bn170731751	0+1+3	90.112 ± 2.360	-35.328	42.496 ± 1.086	1.536
bn170801690	7+8+11	10.240 ± 2.896	-5.376	2.816 ± 0.724	-1.792
bn170802638[s]	6+7+8	2.240 ± 0.143	-0.128	0.192 ± 0.091	1.856
bn170803172	0+1+2	6.656 ± 3.338	-0.768	4.096 ± 1.448	-0.256
bn170803415	6+7+8+11	66.816 ± 2.636	-4.096	25.088 ± 0.923	7.424
bn170803729[s]	0+1+3+4+5	3.584 ± 0.320	-0.192	1.280 ± 0.231	0.128
bn170804911	4+8	26.368 ± 2.187	-11.008	9.984 ± 0.572	-2.304
bn170805901	6+7+9	25.856 ± 4.375	-1.536	21.248 ± 0.923	-0.256
bn170808065	2+10	4.352 ± 0.810	-0.256	1.792 ± 0.572	1.536
bn170808936	0+1+2+3+5	17.664 ± 0.572	4.096	8.704 ± 0.362	7.936
bn170810918	0+1+2+5	136.960 ± 14.954	-17.664	55.552 ± 1.145	4.864
bn170813051	0+1+2+3	111.872 ± 4.871	-0.512	34.816 ± 3.415	7.680
bn170816258	7+8+11	61.440 ± 8.816	-14.336	43.008 ± 1.950	-1.280
bn170816599[s]	7+8+11	1.600 ± 0.143	-0.064	0.192 ± 0.091	0.000
bn170817529[s]	1+2+5	2.048 ± 0.466	-0.192	1.280 ± 0.405	-0.064
bn170817908[s]	1+2+5	2.624 ± 0.181	0.000	1.280 ± 0.181	0.448
bn170818137[s]	8+11	0.576 ± 2.519	-0.064	0.192 ± 0.181	-0.064
bn170821265	0+1+9	52.992 ± 12.312	-1.536	16.384 ± 1.145	2.560
bn170825307	3+4+6+7+8	6.656 ± 0.923	-0.512	3.328 ± 0.362	0.768
bn170825500	6+7+8+11	7.168 ± 0.572	0.256	1.792 ± 0.362	3.072
bn170825784	3+4	65.024 ± 7.331	-43.264	18.432 ± 0.572	-13.056
bn170826369[b]	1+2	0.256 ± 0.091	-0.160	0.096 ± 0.045	-0.032
bn170826819	10+11	11.008 ± 0.724	1.280	5.888 ± 0.572	3.072
bn170827818[s]	0+1+2+5	0.832 ± 0.405	-0.448	0.192 ± 0.143	0.000
bn170829414	6+7+9	51.457 ± 2.064	-4.608	32.000 ± 1.379	7.168
bn170829674	6+7+8+9+10+11	81.152 ± 4.636	0.000	35.328 ± 0.923	2.560
bn170830069	6+7+9+10+11	216.835 ± 4.290	0.512	160.003 ± 1.864	20.480
bn170830135	9+10	117.250 ± 2.318	0.256	83.457 ± 1.056	5.376
bn170830328	3+4+5	14.592 ± 1.557	-1.792	4.096 ± 0.362	0.768
bn170831179	0+1+3+5	57.345 ± 8.738	-1.024	19.712 ± 0.923	25.088

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn170901007	9+10+11	5.888 ± 2.673	-0.768	2.304 ± 0.724	-0.256
bn170901255	3+4+5	8.960 ± 1.280	-4.864	2.048 ± 1.145	-1.280
bn170901345	0+3+4	29.696 ± 3.665	-8.192	14.848 ± 2.560	-0.256
bn170903534	4+8	25.600 ± 1.493	-1.536	13.056 ± 0.572	1.024
bn170906030	3+4	78.849 ± 0.724	12.032	33.792 ± 0.362	31.232
bn170906039	3+4	11.520 ± 1.379	-0.256	5.376 ± 0.572	1.280
bn170906485	0+1+3	45.568 ± 16.689	-2.304	20.992 ± 5.724	1.536
bn170910368	2	27.392 ± 2.985	-3.840	11.264 ± 2.290	1.024
bn170911267	6+7+8+9+11	19.968 ± 3.620	-8.192	5.632 ± 0.810	-2.304
bn170912273	0+1+2+6+9+10	13.568 ± 1.557	0.000	4.864 ± 0.724	1.280
bn170912985[b]	6+7+8	0.480 ± 1.000	-0.448	0.064 ± 0.072	-0.064
bn170915161	3+4	15.613 ± 0.722	0.003	4.864 ± 0.362	2.560
bn170915520[s]	0+1+3	0.640 ± 0.870	-0.064	0.320 ± 0.143	0.000
bn170916700	2+5	5.120 ± 0.923	-2.304	2.560 ± 0.923	-1.280
bn170918139	10+11	0.128 ± 0.163	-0.032	0.032 ± 0.045	-0.032
bn170921168	1+2+5	39.361 ± 4.481	1.024	11.008 ± 0.405	4.032
bn170923101	6+7+9	46.080 ± 14.956	-3.072	20.224 ± 4.167	3.328
bn170923188	3+4+6+7+8	59.454 ± 2.580	0.003	24.832 ± 2.111	10.304
bn170923566	1+2+5	27.648 ± 10.546	-3.328	12.288 ± 1.950	-0.512
bn170926528	3+4+5	15.360 ± 0.362	-0.256	6.912 ± 0.572	2.048
bn170926782[ys]	6+7+9+10+11	0.896 ± 0.181	-0.128	0.320 ± 0.091	0.000
bn170928607	6+7+8+9+11	9.216 ± 1.864	-0.256	3.328 ± 0.810	0.000
bn170929513	0+1+3+5	9.472 ± 0.923	-3.072	1.792 ± 0.362	-0.256
bn170929699	6+7+8+9+11	8.960 ± 0.724	-1.280	3.840 ± 0.362	1.536
bn171002969	0+1+3+4+5	7.936 ± 1.864	-0.512	2.304 ± 0.923	0.256
bn171004672	4+8	48.125 ± 0.921	0.003	20.992 ± 0.923	6.400
bn171004857	8+11	8.192 ± 0.923	-2.560	3.072 ± 1.379	-1.024
bn171007498[s]	0+1+3+4+5	3.456 ± 0.345	-1.408	0.960 ± 0.286	-0.832
bn171008080[s]	4+5	1.472 ± 1.537	-1.024	0.384 ± 0.640	-0.128
bn171009138	6+7+8+11	47.104 ± 7.464	-1.280	25.344 ± 0.572	1.792
bn171010792	8+11	107.266 ± 0.810	16.640	37.121 ± 0.362	31.745
bn171010875	3+4+6+7+8	25.344 ± 3.806	-2.560	11.776 ± 1.950	0.000
bn171011162	3+4	101.888 ± 4.375	-39.168	50.944 ± 3.556	-9.984
bn171011810[b]	0+1+2+3+5	0.480 ± 0.935	-0.448	0.064 ± 0.358	-0.128
bn171013350	0+1+2+5	39.425 ± 1.716	0.256	13.568 ± 0.362	7.424
bn171017823	0+1+2+3+5	86.272 ± 2.202	-4.352	38.144 ± 1.448	13.312
bn171020813	3+4+5	19.200 ± 1.950	-1.536	8.448 ± 0.923	1.024
bn171022085	0+1+3	37.633 ± 6.720	-8.704	8.704 ± 1.145	0.512
bn171022885	3+4+5	13.278 ± 0.558	0.003	5.120 ± 0.362	2.528
bn171023097	10+11	64.257 ± 23.830	-3.888	29.441 ± 3.727	5.584

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn171024977	6+7+9	35.072 ± 5.838	-3.584	11.776 ± 1.493	1.024
bn171025213	2+5	6.400 ± 3.482	-2.304	2.560 ± 0.923	-1.536
bn171025416	9+10	19.712 ± 2.064	-5.888	11.264 ± 1.639	-1.280
bn171025913	9+10+11	7.936 ± 3.167	-4.608	1.792 ± 1.379	-2.816
bn171029020	4+5	19.712 ± 5.910	-4.352	5.888 ± 2.111	-0.256
bn171030729	8+11	0.096 ± 1.016	-0.064	0.016 ± 0.072	-0.032
bn171102107	0+1+2+3+5	48.385 ± 0.572	7.680	6.912 ± 0.362	45.825
bn171103655	7+11	25.600 ± 4.720	-0.256	11.264 ± 1.379	5.376
bn171106498	0+1+3+5	10.752 ± 0.724	-0.512	4.864 ± 1.056	1.024
bn171108656	9+11	0.032 ± 0.023	-0.016	0.032 ± 0.023	-0.016
bn171112868	9+10+11	302.789 ± 0.923	-199.556	28.865 ± 0.923	-0.896
bn171117515	0+3+4+5	105.922 ± 2.429	-4.224	29.697 ± 1.056	2.624
bn171119992	2	26.368 ± 0.572	0.832	5.120 ± 0.572	4.928
bn171120556	0+1+3	44.062 ± 0.383	0.003	39.169 ± 0.362	0.544
bn171124235	0+1+3	26.177 ± 0.923	-0.704	13.504 ± 0.231	4.416
bn171126216	0+1+2	165.888 ± 5.910	-1.792	135.424 ± 7.209	5.376
bn171126235[s]	0+1+2+3+5	1.472 ± 0.143	0.000	0.448 ± 0.091	0.128
bn171201068	2+5	59.136 ± 1.280	-0.768	25.856 ± 0.923	7.424
bn171202113	9+10+11	81.152 ± 3.620	1.536	45.056 ± 1.086	6.400
bn171206122	2+5	15.360 ± 3.083	-1.536	3.328 ± 2.611	0.256
bn171207055[g]	0+1+3	0.176 ± 0.072	-0.064	0.096 ± 0.068	-0.032
bn171207809	1+2+5	25.600 ± 3.849	-0.256	8.448 ± 1.056	1.024
bn171208733[s]	9+10+11	2.624 ± 0.810	-0.896	0.832 ± 0.272	-0.192
bn171209671	1+3+4+5	13.824 ± 2.111	-1.024	2.304 ± 0.362	2.048
bn171210493	0+1+2	143.107 ± 2.573	3.584	44.033 ± 0.724	9.984
bn171211844	6+7+8	148.226 ± 3.125	5.120	37.633 ± 0.724	86.785
bn171212222	6+7+9	19.968 ± 1.864	-1.024	5.632 ± 0.572	0.512
bn171212434	0+1+3	32.001 ± 1.379	-1.024	16.896 ± 0.572	6.400
bn171212948	8+11	6.656 ± 0.923	-2.304	2.560 ± 0.572	-0.256
bn171213061	4+5	111.616 ± 6.676	-58.368	57.344 ± 5.278	-32.000
bn171215705	8+11	28.928 ± 5.838	-3.072	12.288 ± 1.846	2.816
bn171219279[s]	0+1+3	1.152 ± 1.190	-0.896	0.512 ± 0.202	-0.512
bn171222684	0+3+4	80.384 ± 4.615	0.768	39.424 ± 4.536	18.688
bn171223818[b]	6+7+8+11	0.384 ± 0.295	-0.032	0.128 ± 0.072	0.032
bn171227000	2+4+5	37.633 ± 0.572	7.744	10.496 ± 0.362	18.240
bn171230048	0+3+4+5	9.984 ± 0.923	0.768	4.352 ± 0.572	2.048
bn171230119[s]	1+3+4+5	1.280 ± 0.528	-1.216	0.128 ± 0.143	-0.064
bn171230955	6+7+8+11	70.401 ± 0.923	4.352	18.176 ± 0.724	9.472
bn180102660	3+4+6+7+8	13.312 ± 4.344	-8.192	4.096 ± 1.717	-4.096
bn180103090[g]	4	0.016 ± 0.036	-0.016	0.016 ± 0.045	-0.016

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn180110608	6+7+9+10+11	1.536 ± 1.619	-1.024	0.768 ± 0.572	-0.768
bn180111815	9+10+11	19.200 ± 2.202	-10.752	7.168 ± 1.145	-4.608
bn180112842	6+7+8	9.472 ± 3.849	-0.256	3.584 ± 0.362	1.024
bn180113011	3+4	15.872 ± 0.572	0.320	4.864 ± 0.362	1.344
bn180113116	0+1+2+9+10	11.264 ± 0.572	0.320	6.912 ± 0.572	2.112
bn180113418	0+1+2+9+10	24.576 ± 0.362	5.376	11.776 ± 0.362	11.008
bn180116026	0+1+3+4	59.904 ± 11.546	-1.792	24.832 ± 0.923	0.768
bn180116678	9+10	122.624 ± 2.290	0.768	65.280 ± 3.238	18.176
bn180119837	1+2+5	3.008 ± 0.231	-0.256	1.152 ± 0.091	1.152
bn180120207	9+10+11	28.928 ± 0.724	1.344	16.384 ± 0.362	4.416
bn180122129	3+4	4.352 ± 3.665	-3.840	2.560 ± 0.724	-2.816
bn180123820[s]	6+7+9	0.320 ± 0.932	-0.128	0.256 ± 0.231	-0.128
bn180124392	0+1+3	86.528 ± 2.919	5.632	31.488 ± 2.111	11.520
bn180125891	3+4+8	22.784 ± 0.572	2.048	11.520 ± 0.572	9.472
bn180126095	1+2+5	18.432 ± 4.636	0.256	3.840 ± 0.572	2.560
bn180127049	3+4+7+8	34.817 ± 2.611	-2.560	5.888 ± 0.724	2.560
bn180127879	0+1+3+4+5	17.664 ± 1.639	-2.304	5.632 ± 2.187	-0.256
bn180128215[g]	3+4+6+7+8	0.208 ± 0.400	-0.096	0.048 ± 0.051	-0.016
bn180128252	6+7+8	38.913 ± 0.362	0.512	23.040 ± 11.011	3.072
bn180128881	0+1+3	1.792 ± 0.923	-0.512	0.768 ± 0.810	-0.256
bn180130049	1+2+3+4+5	120.578 ± 10.996	-0.768	66.305 ± 2.064	36.865
bn180130744[s]	8	0.256 ± 0.916	-0.192	0.128 ± 0.202	-0.128
bn180131528[s]	6+7+9	0.960 ± 0.659	-0.896	0.320 ± 0.181	-0.384
bn180201706[b]	0+1+3	0.192 ± 0.548	-0.064	0.096 ± 0.045	-0.032
bn180201780[s]	9+10	0.640 ± 0.547	-0.576	0.128 ± 0.181	-0.192
bn180204109[s]	3+4+5	1.152 ± 0.091	-0.064	0.896 ± 0.091	0.064
bn180205184	7+8+11	15.360 ± 1.448	-1.792	6.656 ± 1.493	-0.256
bn180205323	6+9+10	47.360 ± 2.919	-16.384	15.104 ± 0.724	-0.768
bn180206203[s]	1+2+9+10	0.448 ± 0.181	-0.320	0.128 ± 0.143	-0.064
bn180208764	9+10+11	17.408 ± 6.276	-9.472	4.864 ± 1.493	-1.536
bn180210517	0+1+3	38.913 ± 0.724	4.096	16.128 ± 0.362	11.264
bn180210991	6+7+8+9+11	48.129 ± 0.572	0.576	20.480 ± 0.572	6.720
bn180211754	6+7+9	20.480 ± 2.187	-3.584	9.472 ± 1.379	-1.024
bn180218635	2+10	5.632 ± 0.362	1.536	1.792 ± 0.362	4.352
bn180219482	8+11	108.034 ± 0.923	5.888	73.217 ± 0.724	25.856
bn180222239	3+4+8	50.689 ± 11.056	-27.905	9.216 ± 0.724	4.096
bn180225417[s]	6+7+9+10+11	0.896 ± 1.134	-0.448	0.576 ± 0.326	-0.384
bn180227211[b]	9+10	0.288 ± 1.438	-0.224	0.064 ± 0.091	-0.064
bn180305393	0+1+2+10	13.056 ± 0.810	1.536	4.352 ± 0.572	3.840
bn180306479	11	63.488 ± 5.753	-7.168	9.984 ± 3.167	-1.792

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn180306973	2+4+5	39.680 ± 0.724	-6.144	11.008 ± 1.379	-0.256
bn180307073	6+7+8+11	136.707 ± 1.379	-37.633	63.233 ± 0.362	1.024
bn180309322	7+8+11	24.576 ± 4.048	-3.584	7.936 ± 0.572	3.072
bn180311074	4+5	0.960 ± 0.528	-0.448	0.448 ± 0.181	-0.128
bn180313978[g]	0+1+2+3+5	0.080 ± 0.410	0.000	0.032 ± 0.036	0.000
bn180314030	4+7+8	22.016 ± 0.572	0.768	9.472 ± 0.572	6.656
bn180330891	0+1+3+4+5	14.333 ± 1.305	0.003	3.072 ± 0.572	0.768
bn180401280	0+1+2+9+10	33.792 ± 2.919	-21.248	7.424 ± 0.923	0.512
bn180401846	10	23.040 ± 1.056	2.304	6.912 ± 0.572	7.936
bn180402406[s]	7+8+11	0.448 ± 0.326	-0.320	0.128 ± 0.091	0.000
bn180402481[s]	4+5	0.256 ± 0.181	-0.256	0.128 ± 0.143	-0.128
bn180403565	4+8	36.609 ± 5.993	-15.104	5.376 ± 0.923	0.512
bn180404091	3+4	80.897 ± 2.290	1.024	16.384 ± 2.896	9.216
bn180404848[b]	4+8	0.544 ± 0.842	-0.480	0.064 ± 0.143	-0.128
bn180405169	0+3+4+6+7+8	28.477 ± 2.834	0.003	9.984 ± 0.572	6.464
bn180409346	6+7+8+9+10+11	13.056 ± 0.362	1.280	7.680 ± 0.362	4.352
bn180410336	4+8	102.402 ± 4.857	-2.048	48.129 ± 2.896	11.264
bn180411519	8	77.570 ± 2.996	1.792	46.081 ± 3.916	15.360
bn180411546	0+1+3	29.696 ± 8.452	-8.960	10.752 ± 2.064	-3.584
bn180412425	0+1+3	20.992 ± 0.722	0.256	4.096 ± 0.572	8.192
bn180413118	6+7+8	57.857 ± 2.360	-22.273	15.872 ± 0.724	0.768
bn180416340	0+1+3	103.426 ± 6.405	1.792	28.673 ± 1.379	62.465
bn180416924	4	69.888 ± 3.114	0.512	33.792 ± 4.222	4.096
bn180417689[s]	0+1+2+5	0.256 ± 1.218	-0.064	0.192 ± 0.181	-0.064
bn180418281	7+8+11	2.560 ± 0.202	-0.064	0.512 ± 0.091	0.064
bn180420031	0+3	59.392 ± 1.280	-1.280	34.560 ± 2.187	6.656
bn180420107	0+1+3+5	62.977 ± 4.222	-19.456	16.896 ± 1.864	-1.792
bn180423033	6+7+8+9+11	54.784 ± 2.360	-8.192	16.128 ± 0.923	0.512
bn180423266	0+3+4	3.328 ± 1.619	-0.512	1.280 ± 0.572	-0.256
bn180426005	8	38.145 ± 1.280	-4.096	16.896 ± 0.923	7.424
bn180426549	8+10+11	16.189 ± 0.831	0.003	3.584 ± 0.572	1.088
bn180427442	4	25.920 ± 0.716	1.088	7.104 ± 0.143	4.096
bn180428102	3+4	64.510 ± 0.923	0.003	34.049 ± 0.572	1.536
bn180504136	6+7+9	25.344 ± 0.923	-1.280	9.984 ± 0.572	5.632
bn180505540	8	21.760 ± 0.923	1.792	3.584 ± 0.572	17.408
bn180506077	6+7+9+11	44.033 ± 3.593	0.256	15.872 ± 0.923	4.864
bn180506902	1+2+5	23.296 ± 2.429	-5.888	14.080 ± 0.572	0.512
bn180511364[g]	6+7+8+9+11	0.128 ± 1.207	-0.032	0.032 ± 0.045	-0.016
bn180511437[s]	6+7+8+9+11	1.984 ± 0.968	-0.256	0.768 ± 0.181	0.128
bn180511606	7+8+11	9.216 ± 1.619	-1.024	3.328 ± 1.305	0.000

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn180513815	10+11	20.480 ± 8.386	-3.840	10.240 ± 2.919	0.512
bn180515814	2+5	20.224 ± 0.572	1.024	10.752 ± 0.810	6.144
bn180516229	9+10+11	13.824 ± 4.672	-0.512	5.888 ± 0.572	0.512
bn180517309	1+2+9+10	41.728 ± 3.093	-37.888	20.480 ± 3.167	-21.760
bn180521935	0+1+2+3+5	31.232 ± 7.940	-14.336	9.728 ± 1.145	-3.584
bn180522607	7+8+11	6.912 ± 2.429	-1.024	2.816 ± 0.923	-0.256
bn180522678	0+1+3	12.032 ± 0.724	-0.512	6.912 ± 0.362	1.280
bn180523782[s]	0+1+3	1.984 ± 1.350	-0.064	0.768 ± 0.487	0.000
bn180524416	3+4+6+7+8	13.312 ± 6.720	-3.072	3.328 ± 1.056	-0.256
bn180524920	0+1+2+5	4.096 ± 1.305	-1.792	1.280 ± 0.362	-1.024
bn180525151[b]	3+4+5	0.544 ± 0.689	-0.064	0.096 ± 0.115	-0.032
bn180528371	6+7+8+11	16.896 ± 2.919	-2.304	3.584 ± 1.086	1.792
bn180528465	6+7+8	8.192 ± 3.125	-7.936	3.840 ± 1.950	-4.864
bn180602938[g]	0+1+3	0.008 ± 0.736	-0.016	0.008 ± 0.011	-0.016
bn180605458	0+1+2+9+10	24.065 ± 0.810	0.576	9.216 ± 0.362	4.416
bn180606730[s]	8+10+11	6.080 ± 0.689	-0.448	3.200 ± 0.643	-0.064
bn180610377	0+1+3	163.331 ± 4.529	-69.121	40.705 ± 2.996	-9.216
bn180610568	7+8+11	8.448 ± 0.810	-4.864	1.792 ± 0.362	-0.256
bn180610791	10	27.648 ± 4.471	-0.768	9.472 ± 1.557	1.536
bn180611145	0+1+2+9+10	8.960 ± 0.572	-0.256	3.840 ± 0.572	0.512
bn180612785	1+2+5	101.122 ± 1.056	0.256	16.896 ± 0.572	1.792
bn180614327	1+2+9+10	9.216 ± 2.573	-8.960	3.584 ± 1.639	-4.352
bn180615462	4+8	22.528 ± 1.810	-0.256	7.168 ± 0.572	1.280
bn180617872[s]	3+4+5	1.920 ± 0.779	-0.960	0.384 ± 0.143	-0.128
bn180618030	3+4	3.712 ± 0.580	-0.064	0.832 ± 0.231	0.064
bn180618724	9+10	130.050 ± 1.280	2.048	49.153 ± 1.056	71.681
bn180620354	1+2+5	98.050 ± 1.145	-69.825	25.601 ± 0.572	0.576
bn180620660	4+8	46.721 ± 1.332	-0.512	18.752 ± 1.747	3.008
bn180622273	10+11	13.568 ± 2.611	-1.280	7.936 ± 1.056	0.256
bn180622578	6+7+9	58.881 ± 6.415	0.768	20.224 ± 1.639	19.968
bn180623849	6+9+10	15.872 ± 0.810	1.856	5.632 ± 0.362	7.488
bn180625941[s]	4+8	0.704 ± 0.680	-0.128	0.256 ± 0.181	-0.064
bn180626392[s]	9+10+11	0.960 ± 0.405	-0.640	0.256 ± 0.264	-0.064
bn180630335	0+1+3	48.896 ± 5.724	-2.304	15.872 ± 1.379	2.560
bn180630467	6+7+9	12.032 ± 1.864	-2.048	2.816 ± 0.362	0.768
bn180701469	3+4+6+7+8	25.601 ± 1.619	2.304	12.288 ± 0.572	9.984
bn180703876	6+7+8+9+11	20.736 ± 1.557	1.536	6.144 ± 0.362	3.584
bn180703949[s]	0+1+3	1.536 ± 0.091	0.128	0.320 ± 0.091	1.024
bn180706351	3+4	38.144 ± 1.145	-28.928	17.664 ± 2.064	-16.384
bn180709099	6+7+8+9+11	11.008 ± 1.280	-4.096	2.048 ± 0.362	0.256

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)
bn180710062	1+2+9+10	90.112 ± 3.208	-9.216	57.856 ± 1.493	1.536

Table 6 continued on next page

Table 6 *(continued)*

Trigger ID	Detectors Used	T_{90} (s)	T_{90} start (s)	T_{50} (s)	T_{50} start (s)

[a] Data problems precluded duration analysis.

[b] Used TTE binned at 32 ms.

[c] Partial earth occultation is likely; durations are lower limits.

[d] Possible precursor at $\sim T_0 - 120$ s.

[e] Data cut off due to SAA entry while burst in progress; durations are lower limits.

[f] SAA entry at $T_0 + 83$ s; durations are lower limits.

[g] Used TTE binned at 16 ms.

[h] GRB 091024A triggered GBM twice (trigger IDs: bn091024372 and bn091024380). The table lists two individual durations for each of the triggers, since the determination of the overall duration, covering both emission periods isn't possible. Despite the availability of a CTIME file covering the entire burst emission of both triggers it isn't usable, since the detector selections are not the same in the two triggers and the background is highly variable that even a fourth order polynomial does not give an acceptable fit. Combining the results of both triggers done individually does give reasonable results. Determining the fluence in the 50–300 keV energy range for both triggers, we find that the first trigger accounts for 20.0% of the total fluence. This means that T_{50} for the entire event begins and ends in the second trigger at the fluence levels of ∼6% (5% × 100/80) and ∼69% (55% × 100/80). These points are at ∼4 s and ∼310 s, giving T_{50} ∼306 s. Similarly, T_{90} begins at the 25% (5% × 100/20)) fluence point in the first trigger and ends at the ∼94% (100% – 5% × 100/80) fluence point in the second trigger These points are at ∼4 s in the first trigger, and ∼370 s in the second trigger. The two trigger times differ by 631 s, giving a T_{90} of ∼997 s. The error bars are no more than 20 s.

[i] Too weak to measure durations; visual duration is ~ 0.025 s.

[j] Possible contamination due to emergence of Crab & A0535+26 from Earth occultation.

[k] Solar activity starting at $T_0 + 200$ s. Post burst background interval was selected before.

[l] Data cut off due to SAA entry while burst in progress; it is not possible to determine durations.

[m] Spacecraft in sun pointing mode, detector threshold raised, location of burst nearly in $-z$ direction. The response, peak fluxes and fluence in the 10–100 keV energy range have large errors. Fluence, peak fluxes and durations in BATSE energy range (50–300 keV) are reliable.

[n] Localization of precursor at $T_0 - 120$ s is consistent with burst location and was included in the duration analysis.

[o] SAA entry at $T_0 + 100$ s; durations are lower limits.

[p] TTE/CTTE data not available, 64 ms peak fluxes may not be correct.

[q] GRB 130925A triggered GBM twice (trigger IDs: bn130925164 and bn130925173). The fluence in the first trigger is <1% of the fluence in the second: The durations for bn130925173 are therefore accurate for the entire event.

[r] Duration is only for first peak. Peak at 320 s is cut off by SAA.

[s] Used 64 ms binning.

[t] GRB 150201A triggered GBM twice (trigger IDs: bn150201574 and bn150201590) The two triggers for this GRB are far apart (24 minutes) to have the data in a single CTIME file, so it was not possible to compute a total duration with our software. The fluence of the second trigger is only about 3% of the fluence of the first trigger. This implies that the durations for the first pulse alone are probably valid for the entire burst, certainly for the T50.

[t] Used 128 ms binning.

[u] Durations invalid; Swift sees later pulse that GBM does not; probably occulted.

[v] Highly uncertain due to low significance emission before & after.

[w] Comptonized spectrum failed at times of significant burst emission. Used a Band function seed spectrum.

[x] Used 1.024 ms binning.

[y] GRB 160625B triggered GBM twice (trigger IDs: bn160625945 and bn160625952). The CTIME data of the first trigger includes the GRB emission of the second trigger. Thanks to a manageable overall

Table 7. GRB Fluence & Peak Flux (10–1000 keV)

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn080714086	6.76E-07 ± 4.07E-08	3.82 ± 1.06	2.24 ± 0.36	1.54 ± 0.18
bn080714425	1.81E-06 ± 2.09E-08	4.00 ± 1.45	2.96 ± 0.46	2.02 ± 0.21
bn080714745	6.33E-06 ± 1.41E-07	8.89 ± 1.61	7.78 ± 0.83	6.93 ± 0.39
bn080715950	5.04E-06 ± 7.95E-08	19.42 ± 0.95	13.58 ± 0.45	9.91 ± 0.22
bn080717543	4.46E-06 ± 7.68E-08	6.24 ± 1.08	3.43 ± 0.49	2.89 ± 0.23
bn080719529	7.75E-07 ± 2.93E-08	2.77 ± 0.83	1.77 ± 0.29	1.12 ± 0.16
bn080720316	7.75E-07 ± 2.93E-08	2.77 ± 0.83	1.77 ± 0.29	1.12 ± 0.16
bn080723557	7.22E-05 ± 2.54E-07	40.97 ± 2.24	38.24 ± 1.09	30.45 ± 0.49
bn080723913	1.34E-07 ± 1.36E-08	5.26 ± 0.70	4.13 ± 0.32	1.41 ± 0.13
bn080723985	3.08E-05 ± 2.07E-07	13.45 ± 1.24	11.36 ± 0.60	10.12 ± 0.28
bn080724401	1.57E-05 ± 5.04E-08	22.73 ± 1.31	18.98 ± 0.62	12.20 ± 0.29
bn080725435	7.99E-06 ± 4.42E-08	5.38 ± 0.77	4.28 ± 0.38	3.36 ± 0.17
bn080725541	4.92E-07 ± 4.39E-08	6.27 ± 0.78	5.13 ± 0.36	1.69 ± 0.13
bn080727964	1.33E-05 ± 7.91E-08	6.44 ± 0.92	4.17 ± 0.42	3.53 ± 0.18
bn080730520	4.87E-06 ± 9.89E-08	7.83 ± 1.03	6.34 ± 0.46	5.60 ± 0.22
bn080730786	6.35E-06 ± 8.31E-08	16.89 ± 0.94	16.44 ± 0.45	14.61 ± 0.23
bn080802386	3.98E-07 ± 6.85E-09	10.41 ± 1.12	7.06 ± 0.35	2.95 ± 0.17
bn080803772	4.39E-06 ± 7.43E-08	3.37 ± 0.67	2.26 ± 0.26	1.78 ± 0.11
bn080804456	7.01E-06 ± 2.96E-08	4.53 ± 1.07	2.80 ± 0.49	2.17 ± 0.21
bn080804972	9.13E-06 ± 1.06E-07	5.81 ± 0.76	4.40 ± 0.36	3.85 ± 0.16
bn080805496	1.75E-06 ± 4.78E-08	4.77 ± 1.07	3.92 ± 0.53	3.05 ± 0.23
bn080805584	4.38E-06 ± 6.45E-08	4.55 ± 1.32	3.03 ± 0.48	1.77 ± 0.17
bn080806584	4.31E-07 ± 2.50E-08	4.33 ± 0.83	2.84 ± 0.32	2.39 ± 0.16
bn080806896	1.33E-05 ± 1.94E-07	11.20 ± 0.94	9.32 ± 0.43	8.18 ± 0.21
bn080807993	7.30E-06 ± 9.01E-08	19.42 ± 0.82	15.24 ± 0.39	8.88 ± 0.18
bn080808451	7.10E-07 ± 3.96E-08	2.70 ± 0.69	2.33 ± 0.30	1.75 ± 0.14
bn080808565	3.97E-06 ± 4.22E-08	7.79 ± 0.87	6.81 ± 0.50	5.98 ± 0.22
bn080808772	6.31E-06 ± 5.29E-08	3.89 ± 0.97	2.53 ± 0.40	1.69 ± 0.22
bn080809808	4.14E-06 ± 5.50E-08	9.19 ± 1.42	5.29 ± 0.62	3.76 ± 0.27
bn080810549	9.44E-06 ± 4.90E-08	6.41 ± 1.19	4.83 ± 0.55	3.69 ± 0.24
bn080812889	2.45E-06 ± 4.18E-08	5.20 ± 0.95	2.90 ± 0.44	1.91 ± 0.17
bn080815917	4.69E-07 ± 2.73E-08	6.26 ± 0.97	4.58 ± 0.43	3.26 ± 0.21
bn080816503	1.33E-05 ± 8.25E-08	9.90 ± 0.76	8.91 ± 0.37	7.44 ± 0.18
bn080816989	3.30E-06 ± 9.24E-08	9.27 ± 0.62	7.19 ± 0.29	5.21 ± 0.13
bn080817161	5.32E-05 ± 7.31E-08	17.44 ± 1.04	14.65 ± 0.52	13.67 ± 0.24
bn080817720	1.82E-06 ± 4.14E-08	7.93 ± 0.92	5.24 ± 0.47	3.59 ± 0.21
bn080818579	3.80E-06 ± 5.83E-08	7.34 ± 0.85	6.32 ± 0.40	4.58 ± 0.19
bn080818945	1.74E-06 ± 2.44E-08	6.22 ± 0.89	5.08 ± 0.33	4.01 ± 0.19

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn080821332	3.59E-06 ± 1.76E-08	11.42 ± 1.11	10.72 ± 0.59	9.64 ± 0.27
bn080823363	5.55E-06 ± 3.57E-08	6.72 ± 0.90	5.60 ± 0.48	4.62 ± 0.21
bn080824909	2.73E-06 ± 5.91E-08	12.87 ± 0.98	11.20 ± 0.52	7.26 ± 0.23
bn080825593	3.42E-05 ± 9.70E-08	31.30 ± 1.12	29.43 ± 0.60	25.30 ± 0.27
bn080828189	4.11E-07 ± 1.68E-08	5.62 ± 0.98	2.84 ± 0.35	1.40 ± 0.15
bn080829790	2.52E-06 ± 2.18E-08	7.05 ± 1.29	5.33 ± 0.48	4.48 ± 0.24
bn080830368	7.00E-06 ± 1.10E-07	6.49 ± 0.80	5.33 ± 0.37	4.67 ± 0.18
bn080831053	5.62E-08 ± 1.74E-08	4.66 ± 1.10	1.12 ± 0.46	0.33 ± 0.20
bn080831921	8.47E-06 ± 4.02E-08	5.54 ± 1.12	3.96 ± 0.50	2.85 ± 0.21
bn080904886	5.24E-06 ± 7.07E-08	19.16 ± 1.23	17.39 ± 0.58	15.84 ± 0.27
bn080905499	8.50E-07 ± 4.62E-08	6.32 ± 0.68	4.70 ± 0.31	2.34 ± 0.14
bn080905570	4.09E-06 ± 5.63E-08	8.14 ± 1.33	6.95 ± 0.60	5.36 ± 0.27
bn080905705	2.91E-06 ± 3.63E-08	4.08 ± 1.10	3.30 ± 0.40	2.32 ± 0.23
bn080906212	5.87E-06 ± 1.39E-07	24.84 ± 1.45	22.88 ± 0.69	20.29 ± 0.33
bn080912360	2.13E-06 ± 2.97E-08	4.82 ± 0.70	3.01 ± 0.28	2.48 ± 0.15
bn080913735	3.54E-06 ± 8.67E-08	5.99 ± 0.88	4.88 ± 0.40	3.40 ± 0.18
bn080916009	6.03E-05 ± 7.00E-08	16.40 ± 1.65	15.09 ± 0.64	13.66 ± 0.29
bn080916406	7.81E-06 ± 8.18E-08	7.10 ± 1.35	5.56 ± 0.32	4.47 ± 0.29
bn080919790	4.59E-08 ± 5.06E-09	4.56 ± 1.14	2.51 ± 0.47	0.68 ± 0.18
bn080920268	1.87E-06 ± 6.34E-08	3.49 ± 0.78	1.61 ± 0.26	1.08 ± 0.11
bn080924766	4.73E-06 ± 7.87E-08	6.74 ± 0.84	5.79 ± 0.41	4.76 ± 0.19
bn080925775	1.85E-05 ± 4.00E-08	17.21 ± 1.00	15.80 ± 0.50	15.40 ± 0.24
bn080927480	2.96E-06 ± 9.64E-08	4.99 ± 1.33	3.38 ± 0.49	2.63 ± 0.25
bn080928628	1.16E-06 ± 3.76E-08	6.02 ± 1.27	5.10 ± 0.51	3.19 ± 0.23
bn081003644	9.00E-06 ± 1.08E-07	5.21 ± 0.96	4.29 ± 0.46	3.07 ± 0.22
bn081006604	8.33E-07 ± 1.87E-08	4.69 ± 1.20	3.28 ± 0.61	1.46 ± 0.25
bn081006872	3.87E-07 ± 2.02E-08	3.93 ± 1.20	3.01 ± 0.57	1.53 ± 0.25
bn081008832	4.20E-06 ± 5.35E-08	5.30 ± 1.20	3.43 ± 0.51	2.72 ± 0.24
bn081009140	3.83E-05 ± 4.53E-08	129.89 ± 2.49	125.99 ± 1.24	117.01 ± 0.62
bn081009690	8.00E-06 ± 3.11E-08	9.54 ± 1.55	6.77 ± 0.66	6.39 ± 0.33
bn081012045	2.29E-07 ± 4.36E-08	6.27 ± 1.23	4.69 ± 0.55	3.33 ± 0.26
bn081012549	4.51E-06 ± 1.12E-07	4.76 ± 0.80	2.62 ± 0.31	2.05 ± 0.13
bn081017474	1.39E-06 ± 2.10E-08	4.63 ± 1.24	4.00 ± 0.57	2.75 ± 0.25
bn081021398	5.74E-06 ± 7.90E-08	5.88 ± 0.95	4.07 ± 0.60	3.53 ± 0.23
bn081022364	1.16E-06 ± 2.90E-08	4.71 ± 1.21	2.83 ± 0.49	2.16 ± 0.23
bn081024245	1.99E-07 ± 1.69E-08	6.80 ± 1.38	4.07 ± 0.66	1.85 ± 0.29
bn081024851	6.27E-06 ± 7.17E-08	4.58 ± 0.89	3.12 ± 0.28	2.37 ± 0.18
bn081024891	3.55E-07 ± 2.86E-08	5.36 ± 0.56	3.45 ± 0.28	2.14 ± 0.14
bn081025349	6.32E-06 ± 1.18E-07	5.10 ± 0.69	4.78 ± 0.36	4.09 ± 0.17
bn081028538	2.27E-06 ± 2.59E-08	8.12 ± 0.94	7.55 ± 0.45	6.34 ± 0.22

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Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn081101167	1.39E-06 ± 6.23E-08	4.16 ± 1.44	2.39 ± 0.58	1.36 ± 0.24
bn081101491	1.68E-07 ± 3.64E-09	7.97 ± 0.80	4.48 ± 0.37	1.06 ± 0.15
bn081101532	1.51E-05 ± 3.46E-07	12.96 ± 1.29	11.30 ± 0.64	9.75 ± 0.31
bn081102365	1.09E-06 ± 3.23E-08	5.06 ± 0.57	3.87 ± 0.29	2.64 ± 0.14
bn081102739	3.76E-06 ± 9.19E-08	4.47 ± 0.84	3.64 ± 0.34	2.71 ± 0.16
bn081105614	2.75E-07 ± 1.84E-08	7.95 ± 1.02	2.91 ± 0.46	0.81 ± 0.18
bn081107321	1.22E-06 ± 3.19E-08	13.54 ± 0.85	11.98 ± 0.40	9.96 ± 0.19
bn081109293	6.55E-06 ± 5.87E-08	4.37 ± 1.59	3.24 ± 0.20	2.64 ± 0.16
bn081110601	5.41E-06 ± 1.01E-07	21.19 ± 1.19	20.58 ± 0.58	15.38 ± 0.27
bn081113230	3.30E-07 ± 4.30E-08	11.14 ± 0.99	8.14 ± 0.47	3.01 ± 0.18
bn081115891	8.56E-08 ± 1.31E-08	3.75 ± 0.76	2.18 ± 0.38	1.02 ± 0.18
bn081118876	4.94E-06 ± 4.43E-08	9.58 ± 0.88	8.02 ± 0.42	7.29 ± 0.19
bn081119184	1.30E-07 ± 1.76E-08	4.80 ± 1.25	3.29 ± 0.56	1.40 ± 0.23
bn081120618	1.94E-06 ± 2.42E-08	6.27 ± 1.31	5.16 ± 0.61	4.25 ± 0.28
bn081121858	1.53E-05 ± 2.20E-07	12.81 ± 1.66	10.37 ± 0.75	7.72 ± 0.38
bn081122520	7.54E-06 ± 7.85E-08	21.51 ± 1.11	17.92 ± 0.52	12.19 ± 0.24
bn081122614	1.39E-07 ± 7.95E-09	9.21 ± 1.43	7.01 ± 0.52	1.70 ± 0.20
bn081124060	8.59E-06 ± 7.98E-08	21.66 ± 1.20	21.34 ± 0.41	19.78 ± 0.25
bn081125496	1.85E-05 ± 1.33E-07	27.56 ± 1.91	26.38 ± 0.91	23.25 ± 0.43
bn081126899	1.14E-05 ± 6.66E-08	7.77 ± 0.81	7.19 ± 0.39	6.50 ± 0.19
bn081129161	1.62E-05 ± 1.47E-07	19.58 ± 1.38	17.24 ± 0.66	14.30 ± 0.31
bn081130212	2.64E-07 ± 2.05E-08	11.28 ± 1.75	5.13 ± 0.57	2.17 ± 0.23
bn081130629	2.70E-06 ± 4.92E-08	6.72 ± 1.20	5.58 ± 0.57	4.95 ± 0.28
bn081204004	1.02E-06 ± 5.39E-08	5.00 ± 0.66	3.82 ± 0.30	3.01 ± 0.15
bn081204517	3.11E-07 ± 1.74E-08	10.91 ± 0.83	6.66 ± 0.36	1.97 ± 0.13
bn081206275	3.86E-06 ± 6.49E-08	4.28 ± 0.96	3.12 ± 0.35	2.15 ± 0.17
bn081206604	5.00E-07 ± 3.66E-08	3.02 ± 1.06	2.24 ± 0.34	1.90 ± 0.21
bn081206987	1.13E-06 ± 3.49E-08	2.91 ± 0.93	2.32 ± 0.46	1.66 ± 0.19
bn081207680	4.86E-05 ± 9.84E-08	6.22 ± 0.79	5.16 ± 0.37	4.43 ± 0.17
bn081209981	1.47E-06 ± 1.49E-08	25.43 ± 1.21	14.91 ± 0.54	4.28 ± 0.22
bn081213173	1.23E-07 ± 1.87E-08	4.92 ± 0.94	2.98 ± 0.38	0.99 ± 0.16
bn081215784	5.47E-05 ± 5.87E-08	148.47 ± 2.13	122.54 ± 1.00	64.91 ± 0.39
bn081215880	1.78E-06 ± 3.58E-08	7.09 ± 2.33	5.58 ± 0.87	4.56 ± 0.42
bn081216531	2.99E-06 ± 7.74E-08	38.22 ± 1.27	26.99 ± 0.57	8.92 ± 0.21
bn081217983	9.62E-06 ± 1.40E-07	6.90 ± 0.71	6.07 ± 0.34	5.47 ± 0.16
bn081221681	3.00E-05 ± 8.69E-08	27.48 ± 1.36	26.87 ± 0.67	25.43 ± 0.33
bn081222204	1.19E-05 ± 9.57E-08	14.50 ± 1.00	13.75 ± 0.48	12.76 ± 0.23
bn081223419	8.34E-07 ± 3.86E-08	14.73 ± 0.86	12.81 ± 0.42	6.05 ± 0.18
bn081224887	3.76E-05 ± 1.69E-07	26.67 ± 1.15	24.65 ± 0.57	23.85 ± 0.28
bn081225257	6.75E-06 ± 8.95E-08	3.73 ± 0.68	2.73 ± 0.31	2.15 ± 0.15

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn081226044	4.30E-07 ± 2.32E-08	6.23 ± 1.37	5.32 ± 0.72	2.32 ± 0.28
bn081226156	4.75E-06 ± 4.25E-08	6.30 ± 1.14	5.10 ± 0.57	4.16 ± 0.27
bn081226509	3.44E-07 ± 2.71E-08	8.53 ± 0.78	5.60 ± 0.33	1.69 ± 0.13
bn081229187	1.06E-06 ± 7.66E-08	5.00 ± 0.60	4.44 ± 0.29	1.88 ± 0.12
bn081229675	8.65E-08 ± 2.73E-08	9.45 ± 1.50	4.33 ± 0.62	0.96 ± 0.27
bn081230871	1.81E-07 ± 1.60E-08	3.84 ± 0.62	2.24 ± 0.30	1.27 ± 0.15
bn081231140	1.61E-05 ± 1.17E-07	17.44 ± 1.05	15.05 ± 0.50	11.21 ± 0.23
bn090101758	1.23E-05 ± 1.14E-07	14.10 ± 1.24	12.41 ± 0.56	11.66 ± 0.28
bn090102122	2.79E-05 ± 6.10E-08	19.97 ± 0.97	17.20 ± 0.47	11.17 ± 0.21
bn090107681	2.90E-06 ± 1.02E-07	6.84 ± 1.63	5.03 ± 0.60	3.13 ± 0.32
bn090108020	7.47E-07 ± 1.66E-08	25.43 ± 1.36	18.64 ± 0.62	7.91 ± 0.25
bn090108322	5.36E-07 ± 1.41E-08	10.33 ± 1.03	7.16 ± 0.42	1.97 ± 0.20
bn090109332	2.09E-07 ± 2.31E-08	4.34 ± 1.17	3.14 ± 0.48	1.83 ± 0.22
bn090112332	3.92E-06 ± 6.84E-08	7.50 ± 1.52	6.53 ± 0.74	6.03 ± 0.30
bn090112729	9.23E-06 ± 1.08E-07	18.12 ± 1.32	16.05 ± 0.63	13.26 ± 0.30
bn090113778	1.57E-06 ± 4.83E-08	6.12 ± 0.71	5.30 ± 0.36	3.77 ± 0.16
bn090117335	1.10E-06 ± 3.50E-08	5.38 ± 1.40	4.37 ± 0.50	3.67 ± 0.27
bn090117632	9.06E-06 ± 4.39E-08	6.67 ± 1.39	4.64 ± 0.47	3.81 ± 0.29
bn090117640	2.53E-06 ± 4.70E-08	16.83 ± 0.95	15.38 ± 0.49	10.22 ± 0.21
bn090120627	7.68E-07 ± 2.08E-08	4.66 ± 0.77	2.92 ± 0.30	1.84 ± 0.15
bn090126227	1.10E-06 ± 2.02E-08	5.52 ± 0.78	4.48 ± 0.38	4.02 ± 0.18
bn090126245	3.58E-07 ± 1.93E-08	3.59 ± 0.48	2.10 ± 0.23	1.37 ± 0.11
bn090129880	5.57E-06 ± 6.20E-08	9.78 ± 1.01	7.14 ± 0.43	6.60 ± 0.22
bn090131090	1.75E-05 ± 6.57E-08	59.41 ± 1.95	55.09 ± 0.94	40.31 ± 0.42
bn090202347	4.95E-06 ± 3.10E-08	7.28 ± 0.84	6.43 ± 0.40	5.75 ± 0.21
bn090206620	7.15E-07 ± 1.22E-08	12.70 ± 1.07	8.48 ± 0.53	2.55 ± 0.21
bn090207777	2.41E-06 ± 4.17E-08	3.67 ± 1.06	3.38 ± 0.53	2.79 ± 0.22
bn090213236	1.10E-06 ± 5.82E-08	3.67 ± 1.40	2.16 ± 0.44	1.26 ± 0.22
bn090217206	2.75E-05 ± 3.19E-08	13.06 ± 1.05	10.91 ± 0.52	9.74 ± 0.25
bn090219074	2.12E-07 ± 5.42E-08	11.66 ± 3.09	6.88 ± 1.42	3.18 ± 0.60
bn090222179	3.23E-06 ± 5.38E-08	4.93 ± 0.85	3.61 ± 0.38	3.01 ± 0.17
bn090225009	1.54E-07 ± 1.52E-08	4.64 ± 1.53	3.48 ± 0.38	1.44 ± 0.28
bn090227310	2.86E-06 ± 2.08E-08	6.67 ± 1.21	4.68 ± 0.48	3.94 ± 0.27
bn090227772	1.11E-05 ± 1.18E-08	111.92 ± 2.83	59.72 ± 1.07	16.91 ± 0.33
bn090228204	6.19E-06 ± 2.65E-08	134.01 ± 2.74	54.58 ± 0.96	16.89 ± 0.32
bn090228976	9.64E-07 ± 6.58E-08	3.94 ± 1.21	2.96 ± 0.46	2.28 ± 0.24
bn090301315	2.27E-06 ± 3.78E-08	5.01 ± 0.81	4.07 ± 0.38	3.72 ± 0.18
bn090304216	8.99E-07 ± 1.02E-07	3.40 ± 0.52	2.74 ± 0.36	1.91 ± 0.16
bn090305052	1.94E-06 ± 1.33E-08	9.05 ± 0.58	8.04 ± 0.29	5.20 ± 0.15
bn090306245	1.37E-06 ± 3.70E-08	3.59 ± 0.98	2.21 ± 0.45	1.72 ± 0.22

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090307167	1.09E-06 ± 3.69E-08	3.97 ± 1.36	2.66 ± 0.44	1.41 ± 0.24
bn090308734	2.55E-06 ± 2.89E-08	12.33 ± 0.71	8.50 ± 0.36	6.56 ± 0.17
bn090309767	4.42E-06 ± 6.88E-08	5.19 ± 1.81	4.45 ± 0.44	3.46 ± 0.21
bn090310189	5.54E-06 ± 6.20E-08	5.27 ± 0.94	4.16 ± 0.41	3.43 ± 0.20
bn090316311	1.06E-06 ± 2.21E-08	10.32 ± 1.28	7.60 ± 0.71	3.79 ± 0.31
bn090319622	6.03E-06 ± 6.50E-08	5.81 ± 1.37	4.37 ± 0.63	3.57 ± 0.28
bn090320045	4.45E-07 ± 2.31E-08	2.80 ± 0.65	1.87 ± 0.27	1.42 ± 0.13
bn090320418	1.00E-06 ± 3.85E-08	4.17 ± 0.80	2.15 ± 0.31	1.60 ± 0.14
bn090320801	1.67E-06 ± 6.16E-08	6.10 ± 1.39	4.98 ± 0.43	4.36 ± 0.25
bn090323002	1.08E-04 ± 4.16E-08	16.35 ± 1.23	14.89 ± 0.59	13.40 ± 0.30
bn090326633	1.70E-06 ± 6.37E-08	7.15 ± 1.03	5.80 ± 0.45	4.90 ± 0.22
bn090327404	2.82E-06 ± 6.06E-08	4.64 ± 0.79	3.66 ± 0.36	3.04 ± 0.18
bn090328401	4.20E-05 ± 6.53E-08	25.35 ± 1.50	21.95 ± 0.70	17.23 ± 0.33
bn090328713	1.19E-07 ± 1.84E-08	17.35 ± 1.45	8.17 ± 0.59	1.97 ± 0.22
bn090330279	1.37E-05 ± 4.89E-08	7.63 ± 1.10	6.83 ± 0.52	5.93 ± 0.25
bn090331681	3.45E-07 ± 3.46E-08	7.19 ± 0.82	4.01 ± 0.35	1.97 ± 0.16
bn090403314	1.09E-06 ± 1.93E-08	3.02 ± 1.08	2.43 ± 0.42	1.82 ± 0.21
bn090405663	2.54E-07 ± 3.10E-08	6.73 ± 1.08	3.91 ± 0.45	1.16 ± 0.18
bn090409288	1.13E-06 ± 5.94E-08	3.69 ± 0.79	2.11 ± 0.27	1.60 ± 0.14
bn090411838	6.67E-06 ± 1.03E-07	8.77 ± 1.06	6.96 ± 0.49	5.24 ± 0.23
bn090411991	6.21E-06 ± 8.85E-08	7.96 ± 1.11	6.34 ± 0.55	4.72 ± 0.25
bn090412061	1.25E-07 ± 1.36E-08	4.12 ± 1.20	3.29 ± 0.50	0.87 ± 0.20
bn090413122	3.23E-06 ± 4.92E-08	4.42 ± 0.64	3.90 ± 0.34	3.04 ± 0.17
bn090418816	1.82E-07 ± 3.26E-08	5.88 ± 1.27	3.60 ± 0.54	1.68 ± 0.24
bn090419997	1.33E-05 ± 5.30E-08	6.56 ± 1.33	5.10 ± 0.60	4.59 ± 0.29
bn090422150	4.59E-07 ± 3.44E-08	4.94 ± 1.31	3.74 ± 0.50	2.37 ± 0.24
bn090423330	8.16E-07 ± 7.15E-08	4.24 ± 1.22	2.30 ± 0.48	1.62 ± 0.21
bn090424592	4.63E-05 ± 3.86E-08	126.67 ± 2.04	121.25 ± 0.99	109.51 ± 0.49
bn090425377	1.81E-05 ± 1.52E-07	18.63 ± 1.65	17.15 ± 0.89	13.88 ± 0.42
bn090426066	6.77E-07 ± 4.37E-08	3.21 ± 0.86	2.63 ± 0.41	2.03 ± 0.18
bn090426690	3.54E-06 ± 8.82E-08	9.16 ± 0.86	7.13 ± 0.41	6.31 ± 0.19
bn090427644	2.65E-07 ± 2.22E-08	2.97 ± 0.82	2.30 ± 0.33	1.71 ± 0.15
bn090427688	1.62E-06 ± 3.18E-08	5.03 ± 1.09	3.59 ± 0.52	2.55 ± 0.24
bn090428441	1.04E-06 ± 6.27E-08	9.21 ± 1.05	8.44 ± 0.52	6.29 ± 0.25
bn090428552	5.60E-06 ± 1.24E-07	9.87 ± 1.16	8.74 ± 0.48	7.61 ± 0.24
bn090429530	4.36E-06 ± 1.38E-07	6.44 ± 1.07	4.02 ± 0.49	3.28 ± 0.22
bn090429753	1.12E-06 ± 4.33E-08	8.62 ± 0.83	7.53 ± 0.35	3.90 ± 0.15
bn090502777	3.50E-06 ± 2.85E-08	8.79 ± 1.58	6.89 ± 0.70	5.28 ± 0.33
bn090509215	3.58E-06 ± 4.27E-08	4.15 ± 1.15	3.01 ± 0.49	2.58 ± 0.25
bn090510016	3.37E-06 ± 4.06E-08	40.95 ± 1.58	22.99 ± 0.75	9.10 ± 0.24

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090510325	5.60E-07 ± 2.75E-08	3.14 ± 1.21	2.52 ± 0.42	1.81 ± 0.25
bn090511684	2.49E-06 ± 8.47E-08	5.56 ± 0.80	4.30 ± 0.40	3.46 ± 0.19
bn090513916	4.94E-06 ± 1.77E-07	4.87 ± 1.03	3.53 ± 0.41	2.12 ± 0.17
bn090513941	1.04E-06 ± 3.01E-08	5.21 ± 1.86	3.99 ± 0.75	2.40 ± 0.36
bn090514006	6.46E-06 ± 1.07E-07	7.80 ± 0.80	7.04 ± 0.42	6.01 ± 0.20
bn090514726	2.25E-06 ± 3.13E-08	13.46 ± 1.12	12.24 ± 0.57	7.98 ± 0.26
bn090514734	9.55E-06 ± 2.10E-07	6.88 ± 1.15	6.50 ± 0.32	4.56 ± 0.22
bn090516137	1.62E-05 ± 1.44E-07	4.89 ± 1.09	3.78 ± 0.48	3.28 ± 0.23
bn090516353	1.63E-05 ± 7.91E-08	7.76 ± 1.51	5.57 ± 0.67	4.64 ± 0.33
bn090516853	5.00E-06 ± 9.59E-08	10.02 ± 1.07	9.28 ± 0.49	7.98 ± 0.24
bn090518080	9.91E-07 ± 2.67E-08	9.75 ± 5.05	5.68 ± 0.67	4.75 ± 0.31
bn090518244	2.11E-06 ± 6.83E-08	7.10 ± 1.02	5.96 ± 0.45	4.96 ± 0.22
bn090519462	4.38E-06 ± 5.13E-08	6.53 ± 1.10	4.37 ± 0.45	2.57 ± 0.18
bn090519881	5.73E-06 ± 6.12E-08	3.45 ± 0.96	2.31 ± 0.32	1.49 ± 0.16
bn090520832	2.32E-07 ± 2.52E-08	5.76 ± 1.01	3.83 ± 0.43	2.03 ± 0.19
bn090520850	3.32E-06 ± 1.04E-07	9.53 ± 1.06	6.74 ± 0.43	5.23 ± 0.21
bn090520876	6.18E-06 ± 3.88E-08	10.80 ± 1.06	9.41 ± 0.46	8.80 ± 0.23
bn090522344	2.13E-06 ± 4.94E-08	6.06 ± 0.81	4.18 ± 0.42	3.48 ± 0.20
bn090524346	1.66E-05 ± 6.07E-08	14.50 ± 0.93	14.08 ± 0.45	12.97 ± 0.22
bn090528173	6.56E-06 ± 1.14E-07	7.67 ± 0.89	5.54 ± 0.43	4.75 ± 0.20
bn090528516	4.35E-05 ± 8.85E-08	19.32 ± 0.94	17.28 ± 0.45	12.76 ± 0.21
bn090529310	8.34E-07 ± 3.71E-08	5.71 ± 0.75	3.68 ± 0.31	3.28 ± 0.16
bn090529564	8.69E-06 ± 3.33E-08	30.71 ± 1.19	27.27 ± 0.58	22.56 ± 0.27
bn090530760	6.10E-05 ± 1.05E-07	13.49 ± 1.52	12.05 ± 0.69	11.21 ± 0.33
bn090531775	3.18E-07 ± 1.84E-08	5.92 ± 1.15	4.02 ± 0.47	3.40 ± 0.25
bn090602564	2.79E-06 ± 5.69E-08	5.07 ± 1.47	3.64 ± 0.52	2.51 ± 0.32
bn090606471	9.46E-07 ± 8.74E-08	5.79 ± 1.80	2.51 ± 0.48	1.60 ± 0.22
bn090608052	1.24E-06 ± 1.75E-08	4.32 ± 0.82	2.99 ± 0.36	2.25 ± 0.17
bn090610648	1.35E-06 ± 5.64E-08	4.60 ± 0.74	3.41 ± 0.33	2.95 ± 0.15
bn090610723	3.74E-06 ± 9.25E-08	3.91 ± 1.14	2.86 ± 0.45	2.19 ± 0.20
bn090610883	7.64E-07 ± 2.24E-08	4.34 ± 1.32	2.98 ± 0.52	2.08 ± 0.27
bn090612619	6.66E-06 ± 4.34E-08	8.75 ± 1.01	7.57 ± 0.47	6.78 ± 0.24
bn090616157	4.13E-07 ± 2.26E-08	4.06 ± 0.72	3.55 ± 0.33	2.62 ± 0.15
bn090617208	9.43E-07 ± 1.66E-08	18.94 ± 0.81	11.20 ± 0.38	2.93 ± 0.14
bn090618353	2.68E-04 ± 4.29E-07	76.16 ± 4.75	72.00 ± 2.32	68.72 ± 1.14
bn090620400	1.33E-05 ± 4.27E-08	19.08 ± 1.30	17.66 ± 0.59	15.43 ± 0.29
bn090620901	4.31E-07 ± 3.23E-08	3.93 ± 0.71	2.78 ± 0.35	2.08 ± 0.14
bn090621185	1.08E-05 ± 2.11E-07	5.96 ± 0.86	4.52 ± 0.42	3.63 ± 0.19
bn090621417	3.82E-06 ± 1.10E-07	6.45 ± 0.80	4.64 ± 0.37	3.67 ± 0.37
bn090621447	1.57E-06 ± 5.25E-08	5.71 ± 1.16	3.75 ± 0.49	2.84 ± 0.22

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090621922	4.76E-07 ± 1.94E-08	9.79 ± 1.50	5.58 ± 0.69	2.02 ± 0.28
bn090623107	1.18E-05 ± 7.15E-08	8.53 ± 0.75	8.16 ± 0.38	6.22 ± 0.18
bn090623913	2.16E-06 ± 5.54E-08	5.41 ± 1.30	4.10 ± 0.47	3.60 ± 0.24
bn090625234	1.35E-06 ± 1.28E-08	3.68 ± 2.08	2.11 ± 0.57	1.43 ± 0.13
bn090625560	2.37E-06 ± 6.82E-08	6.77 ± 2.00	5.15 ± 0.90	3.68 ± 0.38
bn090626189	6.30E-05 ± 1.07E-07	53.30 ± 2.86	44.46 ± 1.34	34.25 ± 0.64
bn090626707	6.30E-05 ± 1.07E-07	53.30 ± 2.86	44.46 ± 1.34	34.25 ± 0.64
bn090629543	4.39E-07 ± 2.48E-08	3.11 ± 0.92	2.20 ± 0.40	1.07 ± 0.21
bn090630311	1.08E-06 ± 1.25E-08	7.65 ± 0.83	6.86 ± 0.42	6.19 ± 0.21
bn090701225	4.42E-07 ± 1.58E-08	5.38 ± 0.81	4.54 ± 0.40	3.14 ± 0.18
bn090703329	8.46E-07 ± 2.88E-08	3.79 ± 1.12	3.08 ± 0.34	2.46 ± 0.21
bn090704242	8.48E-06 ± 9.96E-08	5.69 ± 1.88	3.58 ± 0.47	2.57 ± 0.21
bn090704783	1.58E-06 ± 4.42E-08	5.12 ± 1.26	3.52 ± 0.58	3.03 ± 0.26
bn090706283	3.49E-06 ± 5.07E-08	4.92 ± 1.23	3.82 ± 1.64	2.86 ± 0.32
bn090708152	1.01E-06 ± 2.76E-08	3.33 ± 0.94	1.83 ± 0.38	1.37 ± 0.16
bn090709630	2.21E-06 ± 3.91E-08	5.11 ± 0.75	4.08 ± 0.33	3.39 ± 0.15
bn090711850	5.79E-06 ± 1.31E-07	5.84 ± 1.03	4.62 ± 0.46	3.60 ± 0.21
bn090712160	3.94E-06 ± 4.53E-08	4.87 ± 1.39	3.03 ± 0.44	1.91 ± 0.21
bn090713020	9.48E-06 ± 4.45E-08	5.43 ± 0.88	4.30 ± 0.41	3.30 ± 0.17
bn090717034	2.32E-05 ± 7.46E-08	19.76 ± 1.01	19.12 ± 0.50	16.53 ± 0.24
bn090717111	3.08E-07 ± 2.59E-08	4.18 ± 0.80	3.19 ± 0.30	1.61 ± 0.13
bn090718720	3.32E-06 ± 4.42E-08	5.42 ± 1.34	2.58 ± 0.44	1.73 ± 0.20
bn090718762	2.50E-05 ± 1.19E-07	32.18 ± 1.33	30.80 ± 0.68	28.99 ± 0.33
bn090719063	4.68E-05 ± 1.58E-07	41.57 ± 1.61	39.10 ± 0.79	37.81 ± 0.39
bn090720276	2.91E-06 ± 3.71E-08	13.55 ± 1.96	10.76 ± 0.86	9.78 ± 0.42
bn090720710	1.42E-05 ± 2.37E-08	34.19 ± 1.53	29.83 ± 0.71	9.91 ± 0.24
bn090725838	2.36E-06 ± 4.69E-08	5.74 ± 1.13	4.80 ± 0.47	4.00 ± 0.24
bn090726218	5.22E-07 ± 2.06E-08	3.07 ± 0.93	1.98 ± 0.31	1.31 ± 0.20
bn090730608	3.18E-06 ± 7.55E-08	6.58 ± 0.88	5.63 ± 0.41	4.88 ± 0.19
bn090802235	5.43E-07 ± 9.17E-09	30.70 ± 2.22	10.84 ± 0.76	2.94 ± 0.26
bn090802666	2.77E-06 ± 6.80E-08	6.27 ± 1.05	6.27 ± 0.26	3.65 ± 0.19
bn090804940	1.44E-05 ± 1.86E-07	40.69 ± 1.68	38.27 ± 0.80	36.65 ± 0.41
bn090805622	5.79E-06 ± 4.96E-08	7.36 ± 1.62	5.87 ± 0.73	4.52 ± 0.36
bn090807832	1.34E-06 ± 2.54E-08	15.82 ± 1.31	13.76 ± 0.63	9.31 ± 0.28
bn090809978	2.16E-05 ± 1.28E-07	24.93 ± 1.16	23.81 ± 0.59	22.96 ± 0.29
bn090810659	9.37E-06 ± 4.82E-08	10.28 ± 1.86	9.45 ± 0.64	7.81 ± 0.38
bn090810781	5.15E-06 ± 5.73E-08	6.84 ± 1.00	4.38 ± 0.45	3.41 ± 0.20
bn090811696	1.05E-06 ± 2.24E-08	5.07 ± 1.11	3.46 ± 0.41	2.22 ± 0.20
bn090813174	3.33E-06 ± 4.15E-08	24.15 ± 1.10	19.30 ± 0.53	13.64 ± 0.25
bn090814368	6.16E-07 ± 7.38E-09	11.18 ± 1.01	8.84 ± 0.52	2.36 ± 0.18

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090814950	1.60E-05 ± 3.87E-07	6.58 ± 0.96	5.04 ± 0.44	4.29 ± 0.21
bn090815300	1.43E-06 ± 4.44E-08	4.50 ± 1.47	2.67 ± 0.51	1.59 ± 0.26
bn090815438	4.47E-06 ± 3.96E-08	13.11 ± 1.77	11.77 ± 0.81	11.19 ± 0.38
bn090815946	3.99E-06 ± 5.11E-08	4.00 ± 1.26	2.50 ± 0.48	1.65 ± 0.23
bn090817036	4.61E-06 ± 1.07E-07	5.50 ± 1.28	4.51 ± 0.55	3.62 ± 0.30
bn090819607	2.72E-07 ± 1.95E-08	7.26 ± 0.70	4.37 ± 0.32	1.05 ± 0.13
bn090820027	1.54E-04 ± 1.84E-07	135.43 ± 2.98	129.48 ± 1.46	124.84 ± 0.72
bn090820509	1.34E-06 ± 3.81E-08	10.21 ± 0.82	8.77 ± 0.42	5.93 ± 0.21
bn090823133	1.77E-06 ± 5.80E-08	3.10 ± 1.01	2.94 ± 0.61	2.27 ± 0.21
bn090824918	3.65E-06 ± 7.51E-08	9.78 ± 2.61	5.18 ± 0.83	3.27 ± 0.30
bn090826068	8.48E-07 ± 4.09E-08	4.75 ± 0.69	3.34 ± 0.32	2.82 ± 0.16
bn090828099	2.37E-05 ± 1.86E-07	16.48 ± 1.20	15.36 ± 0.61	14.54 ± 0.30
bn090829672	7.66E-05 ± 1.58E-07	58.57 ± 1.35	52.24 ± 0.66	44.21 ± 0.32
bn090829702	4.81E-06 ± 5.60E-08	3.89 ± 0.78	3.23 ± 0.35	2.59 ± 0.15
bn090831317	9.44E-06 ± 7.31E-08	38.23 ± 1.56	21.56 ± 0.68	7.12 ± 0.26
bn090902401	1.67E-06 ± 4.29E-08	8.04 ± 1.16	6.23 ± 0.54	4.56 ± 0.26
bn090902462	2.22E-04 ± 3.17E-07	100.37 ± 1.92	88.58 ± 0.93	76.89 ± 0.44
bn090904058	2.17E-05 ± 2.21E-07	10.60 ± 1.87	8.70 ± 0.81	6.77 ± 0.41
bn090904581	1.64E-06 ± 2.83E-08	3.44 ± 1.05	2.13 ± 0.67	1.42 ± 0.24
bn090907017	4.54E-06 ± 8.71E-08	6.95 ± 1.49	3.59 ± 0.52	2.83 ± 0.23
bn090907808	1.05E-06 ± 2.35E-08	7.94 ± 0.91	6.99 ± 0.45	4.66 ± 0.21
bn090908314	3.82E-06 ± 5.17E-08	5.15 ± 1.08	4.10 ± 0.51	3.38 ± 0.27
bn090908341	2.60E-06 ± 1.59E-08	5.87 ± 0.71	3.28 ± 0.35	2.15 ± 0.16
bn090909487	5.73E-06 ± 1.97E-07	13.88 ± 4.43	7.85 ± 1.74	5.84 ± 0.80
bn090909854	1.57E-07 ± 2.23E-08	6.36 ± 1.18	3.45 ± 0.51	1.80 ± 0.22
bn090910812	1.87E-05 ± 2.12E-07	7.68 ± 1.61	7.15 ± 0.77	5.05 ± 0.35
bn090912660	8.28E-06 ± 4.29E-08	5.13 ± 1.45	2.90 ± 0.44	2.25 ± 0.25
bn090915650	2.99E-06 ± 4.43E-08	5.03 ± 1.04	3.58 ± 0.41	2.83 ± 0.20
bn090917661	1.08E-06 ± 3.80E-08	4.47 ± 1.27	3.36 ± 0.53	2.71 ± 0.25
bn090920035	3.74E-06 ± 3.78E-08	8.49 ± 3.02	5.92 ± 0.74	4.57 ± 0.33
bn090922539	1.10E-05 ± 4.98E-08	16.66 ± 1.00	16.18 ± 0.50	14.65 ± 0.24
bn090922605	4.51E-06 ± 1.03E-07	12.49 ± 3.09	10.21 ± 1.39	4.82 ± 0.64
bn090924625	5.55E-07 ± 3.00E-08	9.12 ± 0.82	5.17 ± 0.34	1.48 ± 0.15
bn090925389	8.91E-06 ± 3.13E-07	7.76 ± 1.53	5.82 ± 0.61	4.56 ± 0.25
bn090926181	1.47E-04 ± 3.41E-07	135.54 ± 2.01	106.69 ± 0.90	81.45 ± 0.37
bn090926914	1.05E-05 ± 2.77E-08	6.12 ± 1.33	5.14 ± 0.61	4.51 ± 0.29
bn090927422	3.03E-07 ± 1.83E-08	6.54 ± 1.09	5.42 ± 0.59	3.32 ± 0.24
bn090928646	1.95E-06 ± 6.99E-08	7.43 ± 2.47	5.88 ± 0.65	4.68 ± 0.30
bn090929190	8.18E-06 ± 9.54E-08	30.22 ± 1.98	25.96 ± 0.94	16.73 ± 0.41
bn091002685	3.37E-07 ± 1.49E-08	3.65 ± 0.62	3.28 ± 0.37	2.45 ± 0.17

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn091003191	2.33E-05 ± 7.77E-08	46.63 ± 2.21	41.55 ± 1.07	29.16 ± 0.50
bn091005679	1.41E-06 ± 7.18E-08	3.56 ± 0.73	3.04 ± 0.34	2.18 ± 0.14
bn091006360	1.14E-07 ± 1.65E-08	5.34 ± 1.24	4.87 ± 0.61	1.70 ± 0.21
bn091010113	9.96E-06 ± 5.87E-08	73.03 ± 1.87	66.14 ± 0.88	40.30 ± 0.39
bn091012783	2.12E-06 ± 4.40E-08	18.43 ± 1.99	13.95 ± 0.95	8.35 ± 0.40
bn091013989	2.30E-06 ± 3.72E-08	5.48 ± 1.40	3.50 ± 0.59	2.96 ± 0.27
bn091015129	1.59E-06 ± 5.54E-08	11.86 ± 4.10	9.88 ± 0.75	6.38 ± 0.59
bn091017861	4.50E-07 ± 1.37E-08	4.27 ± 1.33	3.89 ± 0.33	3.32 ± 0.26
bn091017985	2.15E-06 ± 3.28E-08	3.98 ± 1.51	3.39 ± 0.39	2.13 ± 0.22
bn091018957	1.81E-07 ± 2.85E-08	10.23 ± 2.68	6.68 ± 1.13	2.24 ± 0.42
bn091019750	9.06E-08 ± 6.16E-09	7.61 ± 0.69	2.37 ± 0.28	0.65 ± 0.13
bn091020900	8.35E-06 ± 1.50E-07	10.30 ± 1.27	7.84 ± 0.56	6.77 ± 0.27
bn091020977	1.07E-05 ± 6.11E-08	8.08 ± 0.72	7.06 ± 0.32	5.95 ± 0.15
bn091023021	5.34E-07 ± 2.23E-08	7.58 ± 1.57	5.45 ± 0.70	4.30 ± 0.31
bn091024372	8.56E-06 ± 6.01E-08	5.65 ± 1.16	5.11 ± 0.59	4.23 ± 0.33
bn091024380	2.55E-05 ± 4.80E-08	6.60 ± 1.42	4.35 ± 0.59	3.46 ± 0.26
bn091026485	5.67E-07 ± 2.44E-08	4.96 ± 0.96	3.88 ± 0.47	2.70 ± 0.21
bn091026550	1.38E-06 ± 7.20E-08	8.67 ± 2.40	5.51 ± 1.11	3.86 ± 0.49
bn091030613	4.48E-06 ± 4.24E-08	5.75 ± 0.92	4.40 ± 0.41	3.80 ± 0.20
bn091030828	2.96E-05 ± 2.02E-07	11.96 ± 0.92	10.92 ± 0.46	9.40 ± 0.22
bn091031500	1.53E-05 ± 8.65E-08	9.89 ± 0.88	8.39 ± 0.44	7.19 ± 0.22
bn091101143	7.84E-06 ± 7.88E-08	16.46 ± 1.26	13.99 ± 0.57	12.27 ± 0.28
bn091102607	1.88E-06 ± 1.07E-07	6.58 ± 0.91	3.89 ± 0.41	2.94 ± 0.20
bn091103912	5.60E-06 ± 1.09E-07	8.73 ± 0.96	7.72 ± 0.46	6.46 ± 0.22
bn091106762	1.83E-06 ± 7.75E-08	7.72 ± 1.60	4.46 ± 0.72	2.98 ± 0.33
bn091107635	9.33E-07 ± 4.04E-08	5.25 ± 1.11	4.43 ± 0.56	3.62 ± 0.25
bn091109895	2.02E-06 ± 4.19E-08	10.84 ± 1.31	9.42 ± 0.63	6.22 ± 0.29
bn091112737	9.90E-06 ± 8.86E-08	5.74 ± 0.86	5.09 ± 0.40	4.17 ± 0.19
bn091112928	4.57E-06 ± 4.55E-08	5.87 ± 0.87	3.66 ± 0.38	2.93 ± 0.17
bn091115177	1.54E-06 ± 5.85E-08	3.30 ± 0.97	2.09 ± 0.28	1.45 ± 0.17
bn091117080	3.68E-06 ± 4.23E-08	6.29 ± 1.96	3.40 ± 0.58	2.64 ± 0.32
bn091120191	2.85E-05 ± 4.09E-07	26.85 ± 1.18	25.04 ± 0.56	19.70 ± 0.26
bn091122163	1.64E-07 ± 1.39E-08	3.32 ± 1.36	3.30 ± 0.47	1.79 ± 0.25
bn091123081	2.13E-06 ± 8.84E-08	5.76 ± 1.48	4.93 ± 0.61	4.09 ± 0.33
bn091123298	3.48E-05 ± 1.25E-07	9.60 ± 1.75	8.29 ± 0.81	5.90 ± 0.35
bn091126333	3.54E-07 ± 3.56E-08	9.99 ± 0.92	7.49 ± 0.42	1.90 ± 0.16
bn091126389	1.86E-07 ± 8.43E-09	4.02 ± 0.78	1.87 ± 0.39	0.33 ± 0.18
bn091127976	2.07E-05 ± 3.70E-08	102.97 ± 2.21	97.54 ± 1.10	68.22 ± 0.47
bn091128285	3.68E-05 ± 7.64E-08	14.67 ± 1.78	11.95 ± 0.84	9.63 ± 0.39
bn091201089	9.43E-07 ± 2.09E-08	3.96 ± 0.65	2.09 ± 0.20	1.48 ± 0.11

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn091202072	1.67E-06 ± 3.31E-08	4.67 ± 0.86	3.46 ± 0.37	2.75 ± 0.18
bn091202219	7.09E-06 ± 5.62E-08	5.86 ± 1.29	4.88 ± 0.30	3.59 ± 0.18
bn091207333	5.37E-06 ± 1.15E-07	6.83 ± 0.89	4.30 ± 0.38	3.46 ± 0.18
bn091208410	6.19E-06 ± 1.90E-07	31.01 ± 1.43	27.96 ± 0.68	20.58 ± 0.32
bn091209001	1.00E-05 ± 1.92E-07	10.32 ± 2.21	7.07 ± 0.97	5.99 ± 0.44
bn091215234	9.87E-07 ± 1.23E-08	5.09 ± 1.42	4.14 ± 0.67	2.81 ± 0.30
bn091219462	8.53E-07 ± 2.59E-08	5.91 ± 1.16	5.21 ± 0.60	4.12 ± 0.27
bn091220442	5.83E-06 ± 4.50E-08	11.61 ± 1.07	9.92 ± 0.53	8.69 ± 0.25
bn091221870	8.94E-06 ± 2.21E-07	7.00 ± 0.73	5.49 ± 0.36	4.35 ± 0.16
bn091223191	2.79E-07 ± 4.18E-09	3.58 ± 0.61	3.17 ± 0.29	1.76 ± 0.14
bn091223511	8.69E-06 ± 5.50E-08	4.74 ± 0.81	3.08 ± 0.28	2.28 ± 0.15
bn091224373	3.44E-07 ± 1.39E-08	6.39 ± 0.87	3.47 ± 0.38	1.27 ± 0.15
bn091227294	6.89E-06 ± 1.10E-07	7.47 ± 0.89	5.11 ± 0.38	4.14 ± 0.19
bn091230260	1.95E-06 ± 4.24E-08	3.02 ± 0.91	1.40 ± 0.30	0.87 ± 0.14
bn091230712	2.58E-06 ± 8.68E-08	6.39 ± 1.22	3.54 ± 0.49	2.76 ± 0.23
bn091231206	9.76E-06 ± 2.10E-07	6.64 ± 0.98	4.38 ± 0.42	3.83 ± 0.19
bn091231540	7.09E-07 ± 2.75E-08	3.36 ± 1.11	2.56 ± 0.45	1.88 ± 0.23
bn100101028	1.19E-06 ± 5.51E-08	5.83 ± 1.91	3.46 ± 0.85	1.64 ± 0.30
bn100101988	1.87E-06 ± 8.05E-08	3.14 ± 0.43	2.81 ± 0.24	2.08 ± 0.12
bn100107074	1.68E-07 ± 2.13E-08	11.72 ± 1.49	3.11 ± 0.50	1.37 ± 0.23
bn100111176	1.15E-06 ± 2.17E-08	4.74 ± 0.91	4.04 ± 0.37	2.75 ± 0.16
bn100112418	1.05E-06 ± 1.10E-08	3.84 ± 1.22	3.16 ± 0.48	2.11 ± 0.22
bn100116897	3.34E-05 ± 1.63E-07	18.02 ± 0.95	16.48 ± 0.46	15.87 ± 0.23
bn100117879	4.23E-07 ± 6.93E-08	7.95 ± 0.86	5.76 ± 0.39	1.59 ± 0.13
bn100118100	1.44E-06 ± 1.08E-07	5.70 ± 0.97	4.00 ± 0.43	3.20 ± 0.17
bn100122616	1.20E-05 ± 1.61E-07	52.82 ± 1.98	47.69 ± 0.90	44.28 ± 0.44
bn100126460	1.03E-06 ± 5.76E-08	3.82 ± 0.82	3.16 ± 0.43	1.60 ± 0.17
bn100130729	1.01E-05 ± 4.02E-08	9.33 ± 1.27	7.34 ± 0.61	6.14 ± 0.29
bn100130777	1.39E-05 ± 1.71E-07	5.73 ± 0.88	4.47 ± 0.42	3.49 ± 0.20
bn100131730	7.34E-06 ± 7.61E-08	36.51 ± 2.35	31.19 ± 1.09	24.34 ± 0.51
bn100201588	1.43E-05 ± 6.02E-08	5.75 ± 1.33	4.57 ± 0.31	3.88 ± 0.26
bn100204024	9.35E-06 ± 2.55E-08	5.54 ± 1.00	5.10 ± 0.48	4.24 ± 0.23
bn100204566	3.78E-06 ± 4.67E-08	5.89 ± 1.26	4.21 ± 0.64	3.09 ± 0.26
bn100204858	3.15E-07 ± 2.63E-08	3.85 ± 0.86	2.74 ± 0.33	1.27 ± 0.15
bn100205490	1.36E-06 ± 2.91E-08	5.03 ± 1.00	3.61 ± 0.36	3.11 ± 0.18
bn100206563	7.57E-07 ± 1.05E-08	25.37 ± 1.17	11.33 ± 0.48	2.77 ± 0.15
bn100207665	2.08E-06 ± 3.73E-08	4.39 ± 1.00	3.16 ± 0.45	1.88 ± 0.18
bn100207721	4.34E-07 ± 2.27E-08	3.09 ± 0.73	1.71 ± 0.33	1.06 ± 0.15
bn100208386	1.81E-07 ± 1.45E-08	3.48 ± 0.80	2.37 ± 0.60	0.62 ± 0.22
bn100210101	2.11E-06 ± 2.99E-08	4.59 ± 0.86	3.55 ± 0.39	3.23 ± 0.17

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100211440	1.52E-05 ± 1.67E-07	14.00 ± 1.71	12.15 ± 0.83	11.16 ± 0.39
bn100212550	3.60E-06 ± 9.21E-08	4.91 ± 0.53	4.60 ± 0.32	3.67 ± 0.16
bn100212588	4.45E-07 ± 1.51E-08	5.67 ± 1.67	4.25 ± 0.47	3.51 ± 0.28
bn100216422	3.88E-07 ± 1.46E-08	9.00 ± 1.20	4.87 ± 0.47	1.29 ± 0.19
bn100218194	2.64E-06 ± 9.87E-08	3.66 ± 0.86	2.28 ± 0.34	1.41 ± 0.14
bn100219026	3.48E-06 ± 6.97E-08	6.36 ± 1.21	3.29 ± 0.48	1.92 ± 0.22
bn100221368	1.83E-06 ± 3.13E-08	3.57 ± 0.73	2.54 ± 0.34	1.77 ± 0.14
bn100223110	1.50E-06 ± 1.13E-08	18.61 ± 1.90	11.22 ± 0.58	3.09 ± 0.20
bn100224112	1.07E-05 ± 3.69E-07	13.82 ± 1.26	12.44 ± 0.58	10.87 ± 0.30
bn100225115	5.85E-06 ± 8.18E-08	5.30 ± 0.62	4.37 ± 0.29	3.82 ± 0.15
bn100225249	5.96E-07 ± 5.95E-08	7.28 ± 2.37	2.91 ± 0.65	1.48 ± 0.37
bn100225580	6.40E-06 ± 1.10E-07	14.05 ± 0.87	13.36 ± 0.43	11.62 ± 0.21
bn100225703	1.61E-06 ± 4.00E-08	4.25 ± 0.66	3.18 ± 0.28	2.69 ± 0.14
bn100228544	2.77E-06 ± 5.05E-08	5.02 ± 0.77	2.78 ± 0.36	1.69 ± 0.16
bn100228873	6.91E-07 ± 1.76E-08	4.27 ± 0.85	3.00 ± 0.37	2.46 ± 0.17
bn100301068	2.84E-07 ± 1.35E-08	9.15 ± 1.05	4.62 ± 0.46	1.71 ± 0.20
bn100301223	2.40E-06 ± 6.07E-08	5.28 ± 0.86	4.36 ± 0.40	3.41 ± 0.19
bn100302061	1.73E-07 ± 1.96E-08	4.28 ± 1.17	3.22 ± 0.47	1.81 ± 0.22
bn100304004	6.31E-06 ± 1.41E-07	8.08 ± 1.61	5.37 ± 0.72	3.65 ± 0.31
bn100304534	4.90E-06 ± 1.59E-07	7.93 ± 1.28	5.12 ± 0.62	4.08 ± 0.28
bn100306199	5.68E-07 ± 2.24E-08	4.24 ± 1.21	1.76 ± 0.45	1.32 ± 0.20
bn100307928	1.54E-06 ± 2.23E-08	4.72 ± 0.86	3.60 ± 0.37	3.05 ± 0.18
bn100311518	2.57E-06 ± 9.86E-08	4.35 ± 0.84	3.36 ± 0.39	2.56 ± 0.18
bn100313288	4.40E-06 ± 7.60E-08	8.47 ± 0.95	6.70 ± 0.43	6.05 ± 0.21
bn100313509	2.54E-06 ± 3.99E-08	4.24 ± 1.24	3.16 ± 0.38	1.87 ± 0.21
bn100315361	2.58E-06 ± 4.35E-08	2.92 ± 1.02	1.69 ± 0.44	1.01 ± 0.17
bn100318611	1.90E-06 ± 1.97E-08	5.38 ± 1.03	3.42 ± 0.48	2.62 ± 0.22
bn100322045	6.67E-05 ± 5.23E-08	22.05 ± 1.77	20.76 ± 0.85	17.61 ± 0.40
bn100323542	2.04E-06 ± 1.27E-07	4.77 ± 1.01	3.87 ± 0.48	3.22 ± 0.22
bn100324172	4.28E-05 ± 1.72E-07	36.87 ± 1.30	34.25 ± 0.64	29.54 ± 0.30
bn100325246	1.33E-06 ± 1.74E-08	6.48 ± 0.99	5.24 ± 0.47	4.90 ± 0.24
bn100325275	3.35E-06 ± 4.17E-08	7.24 ± 1.19	5.86 ± 0.57	5.02 ± 0.26
bn100326294	3.82E-07 ± 5.86E-08	5.40 ± 0.96	3.80 ± 0.45	1.89 ± 0.20
bn100326402	1.21E-05 ± 1.16E-07	6.16 ± 1.35	4.64 ± 0.52	3.75 ± 0.27
bn100328141	1.01E-06 ± 2.35E-08	13.41 ± 0.76	10.09 ± 0.36	4.15 ± 0.14
bn100330309	4.30E-06 ± 5.30E-08	9.95 ± 1.35	7.86 ± 0.63	7.06 ± 0.29
bn100330856	6.20E-07 ± 1.27E-08	4.77 ± 0.73	3.17 ± 0.34	2.80 ± 0.17
bn100401297	1.90E-06 ± 2.76E-08	6.01 ± 1.11	4.89 ± 0.47	4.08 ± 0.21
bn100406758	1.12E-06 ± 3.29E-08	4.75 ± 0.70	3.66 ± 0.36	2.95 ± 0.18
bn100410356	8.29E-07 ± 3.78E-08	5.28 ± 1.57	3.70 ± 0.66	2.05 ± 0.32

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100410740	6.21E-06 ± 3.11E-07	20.67 ± 3.88	13.23 ± 1.67	9.38 ± 0.72
bn100411516	2.14E-07 ± 2.03E-08	5.46 ± 0.94	2.59 ± 0.62	1.42 ± 0.22
bn100413732	8.98E-06 ± 9.33E-08	5.19 ± 1.29	3.43 ± 0.60	2.34 ± 0.28
bn100414097	8.85E-05 ± 1.86E-07	28.16 ± 1.05	25.61 ± 0.52	21.93 ± 0.24
bn100417166	3.31E-07 ± 4.54E-09	7.37 ± 0.87	4.09 ± 0.35	1.11 ± 0.13
bn100417789	1.36E-06 ± 4.93E-08	4.47 ± 1.01	2.18 ± 0.41	1.69 ± 0.20
bn100420008	4.55E-06 ± 4.05E-08	6.21 ± 1.00	5.58 ± 0.44	4.62 ± 0.23
bn100421917	4.25E-06 ± 4.96E-08	5.03 ± 1.29	4.34 ± 0.50	2.98 ± 0.24
bn100423244	7.92E-06 ± 1.21E-07	5.38 ± 0.76	3.99 ± 0.32	3.35 ± 0.15
bn100424729	9.23E-06 ± 4.34E-08	5.76 ± 2.06	4.28 ± 0.61	3.16 ± 0.30
bn100424876	1.49E-05 ± 1.72E-07	6.59 ± 0.81	5.22 ± 0.37	4.53 ± 0.18
bn100427356	2.28E-06 ± 6.03E-08	6.09 ± 0.89	4.77 ± 0.40	3.82 ± 0.19
bn100429999	2.78E-06 ± 4.31E-08	4.22 ± 0.72	2.79 ± 0.33	2.40 ± 0.16
bn100502356	1.56E-05 ± 2.08E-07	7.35 ± 0.84	6.24 ± 0.42	5.18 ± 0.20
bn100503554	1.70E-05 ± 3.93E-08	10.25 ± 1.11	8.70 ± 0.55	6.35 ± 0.26
bn100504806	2.33E-06 ± 1.26E-07	6.46 ± 2.31	4.44 ± 0.60	3.30 ± 0.36
bn100506653	2.42E-06 ± 5.33E-08	3.85 ± 0.84	3.40 ± 0.35	2.55 ± 0.18
bn100507577	9.97E-06 ± 1.15E-07	4.75 ± 0.95	3.55 ± 0.39	3.29 ± 0.20
bn100510810	3.72E-06 ± 5.08E-08	6.70 ± 1.21	6.23 ± 0.43	4.32 ± 0.22
bn100511035	3.00E-05 ± 1.03E-07	24.87 ± 1.01	21.75 ± 0.51	14.46 ± 0.23
bn100513879	3.71E-06 ± 5.18E-08	9.68 ± 0.99	8.56 ± 0.46	7.14 ± 0.22
bn100515467	6.11E-06 ± 5.08E-08	19.34 ± 1.00	17.98 ± 0.49	16.23 ± 0.24
bn100516369	1.88E-07 ± 1.28E-08	5.09 ± 1.06	3.20 ± 0.47	1.60 ± 0.20
bn100516396	1.84E-07 ± 1.87E-08	3.54 ± 0.47	2.25 ± 0.25	1.14 ± 0.12
bn100517072	6.59E-06 ± 1.74E-08	18.68 ± 1.19	16.09 ± 0.55	13.75 ± 0.26
bn100517132	1.27E-06 ± 4.62E-08	3.83 ± 0.87	2.38 ± 0.35	1.95 ± 0.15
bn100517154	2.79E-06 ± 3.27E-08	14.45 ± 1.58	11.64 ± 0.76	9.12 ± 0.37
bn100517243	2.69E-06 ± 4.27E-08	5.59 ± 0.85	5.34 ± 0.47	4.65 ± 0.22
bn100517639	2.91E-06 ± 1.29E-07	11.22 ± 1.24	9.83 ± 0.61	7.64 ± 0.30
bn100519204	2.07E-05 ± 2.27E-07	8.81 ± 0.84	7.28 ± 0.41	6.66 ± 0.19
bn100522157	3.86E-06 ± 4.07E-08	15.02 ± 0.95	13.44 ± 0.54	11.06 ± 0.25
bn100525744	6.44E-07 ± 9.48E-08	8.74 ± 0.96	5.31 ± 0.44	2.52 ± 0.19
bn100527795	1.44E-05 ± 5.45E-08	9.27 ± 1.24	7.95 ± 0.58	6.70 ± 0.28
bn100528075	2.71E-05 ± 5.05E-08	17.32 ± 1.01	15.57 ± 0.52	14.77 ± 0.25
bn100530737	4.82E-07 ± 2.11E-08	4.75 ± 0.77	2.68 ± 0.34	2.07 ± 0.16
bn100604287	5.51E-06 ± 4.22E-08	10.20 ± 1.19	8.09 ± 0.58	7.48 ± 0.27
bn100605774	7.57E-07 ± 2.17E-08	3.56 ± 0.95	2.84 ± 0.39	1.94 ± 0.21
bn100608382	1.70E-06 ± 2.05E-08	4.35 ± 1.14	2.93 ± 0.42	2.29 ± 0.19
bn100609783	1.47E-05 ± 3.12E-08	5.09 ± 1.26	3.40 ± 0.51	3.01 ± 0.25
bn100612545	2.24E-06 ± 3.41E-08	12.32 ± 1.03	9.29 ± 0.45	5.80 ± 0.20

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100612726	1.36E-05 ± 3.60E-07	28.42 ± 1.26	26.83 ± 0.59	26.08 ± 0.29
bn100614498	1.96E-05 ± 3.26E-07	5.93 ± 0.80	6.44 ± 0.37	5.46 ± 0.16
bn100615083	8.72E-06 ± 8.20E-08	10.12 ± 0.96	9.45 ± 0.46	8.33 ± 0.22
bn100616773	2.76E-07 ± 1.73E-08	8.43 ± 1.34	5.27 ± 0.61	2.03 ± 0.26
bn100619015	1.13E-05 ± 7.39E-08	13.06 ± 1.56	9.51 ± 0.72	7.40 ± 0.30
bn100620119	3.72E-06 ± 8.43E-08	5.44 ± 1.50	3.88 ± 0.47	2.85 ± 0.20
bn100621452	7.62E-06 ± 2.83E-08	4.85 ± 1.16	3.76 ± 0.48	3.17 ± 0.23
bn100621529	1.37E-07 ± 4.52E-09	2.87 ± 0.64	1.52 ± 0.29	1.12 ± 0.14
bn100625773	5.63E-07 ± 2.45E-08	17.08 ± 2.62	15.61 ± 1.30	4.34 ± 0.43
bn100625891	1.40E-06 ± 1.46E-08	3.00 ± 1.16	2.54 ± 0.39	1.71 ± 0.20
bn100629801	1.15E-06 ± 1.05E-07	18.79 ± 1.80	16.54 ± 0.87	8.76 ± 0.40
bn100701490	2.60E-05 ± 4.26E-08	61.92 ± 1.93	35.45 ± 0.74	22.92 ± 0.31
bn100704149	8.39E-06 ± 5.89E-08	10.07 ± 1.37	8.36 ± 0.62	7.22 ± 0.30
bn100706693	1.32E-07 ± 6.86E-09	3.84 ± 0.69	2.53 ± 0.35	0.52 ± 0.17
bn100707032	8.77E-05 ± 1.56E-07	54.94 ± 1.66	52.27 ± 0.84	48.32 ± 0.42
bn100709602	8.08E-06 ± 7.53E-08	5.78 ± 1.06	4.56 ± 0.48	3.75 ± 0.24
bn100713980	3.05E-06 ± 1.70E-08	6.12 ± 1.17	5.13 ± 0.58	4.12 ± 0.26
bn100714672	3.25E-06 ± 9.59E-08	9.52 ± 2.74	8.38 ± 1.27	4.28 ± 0.57
bn100714686	1.56E-06 ± 3.63E-08	22.04 ± 2.34	17.40 ± 1.10	9.13 ± 0.45
bn100715477	2.55E-06 ± 1.36E-07	4.33 ± 0.72	3.22 ± 0.28	2.14 ± 0.12
bn100717372	4.26E-07 ± 2.68E-08	7.57 ± 1.36	5.09 ± 0.67	3.49 ± 0.28
bn100717446	3.33E-07 ± 1.44E-08	5.56 ± 1.03	3.78 ± 0.45	2.61 ± 0.21
bn100718160	2.75E-06 ± 5.24E-08	6.69 ± 1.07	5.87 ± 0.51	4.05 ± 0.22
bn100718796	2.53E-06 ± 3.98E-08	4.19 ± 1.14	3.36 ± 0.47	2.44 ± 0.23
bn100719311	3.87E-07 ± 3.66E-08	3.88 ± 0.83	2.56 ± 0.42	1.90 ± 0.20
bn100719825	2.74E-07 ± 2.49E-08	4.57 ± 1.45	3.74 ± 0.57	2.18 ± 0.26
bn100719989	5.19E-05 ± 6.54E-07	81.99 ± 2.26	76.71 ± 1.09	54.00 ± 0.49
bn100722096	8.31E-06 ± 3.92E-08	43.81 ± 2.02	37.72 ± 0.95	24.89 ± 0.44
bn100722291	1.04E-07 ± 2.50E-08	7.40 ± 2.09	4.38 ± 0.99	1.73 ± 0.44
bn100724029	2.17E-04 ± 5.68E-07	27.07 ± 1.25	25.47 ± 0.64	23.79 ± 0.32
bn100725475	4.69E-06 ± 2.30E-07	7.87 ± 2.18	4.80 ± 0.66	3.61 ± 0.31
bn100727238	1.06E-06 ± 2.23E-08	3.72 ± 1.13	2.84 ± 0.45	1.71 ± 0.23
bn100728095	1.28E-04 ± 5.76E-07	13.03 ± 1.20	12.12 ± 0.59	10.55 ± 0.28
bn100728439	3.34E-06 ± 6.47E-08	8.42 ± 1.27	7.59 ± 0.57	6.15 ± 0.27
bn100730463	6.06E-06 ± 1.49E-07	3.90 ± 0.81	2.59 ± 0.32	2.23 ± 0.15
bn100802240	1.20E-06 ± 3.23E-08	2.91 ± 0.94	2.14 ± 0.39	1.38 ± 0.17
bn100804104	1.07E-05 ± 2.05E-07	19.16 ± 1.20	17.83 ± 0.58	16.60 ± 0.29
bn100805300	2.04E-07 ± 7.35E-08	21.48 ± 3.62	5.65 ± 1.21	1.70 ± 0.53
bn100805845	1.06E-05 ± 1.69E-07	7.57 ± 0.89	6.84 ± 0.40	6.13 ± 0.19
bn100810049	3.94E-07 ± 4.60E-08	4.46 ± 1.06	3.85 ± 0.48	3.08 ± 0.20

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100811108	2.93E-06 ± 1.88E-08	19.03 ± 1.00	14.76 ± 0.47	5.86 ± 0.18
bn100811781	4.68E-06 ± 7.63E-08	7.23 ± 1.51	5.71 ± 0.68	3.91 ± 0.30
bn100814160	1.49E-05 ± 9.47E-08	6.94 ± 1.41	5.04 ± 0.56	4.60 ± 0.28
bn100814351	4.15E-06 ± 4.08E-08	13.21 ± 1.56	11.56 ± 0.77	10.38 ± 0.37
bn100816009	2.53E-05 ± 2.34E-07	12.27 ± 1.71	9.17 ± 0.68	7.42 ± 0.36
bn100816026	3.65E-06 ± 5.31E-08	19.88 ± 1.08	17.78 ± 0.52	15.59 ± 0.25
bn100819498	3.32E-06 ± 1.06E-07	5.05 ± 0.89	3.20 ± 0.38	2.49 ± 0.18
bn100820373	2.99E-06 ± 5.62E-08	19.87 ± 1.49	17.90 ± 0.76	14.65 ± 0.36
bn100825287	1.38E-06 ± 2.97E-08	14.24 ± 1.78	12.85 ± 0.80	10.13 ± 0.40
bn100826957	1.64E-04 ± 9.71E-08	37.33 ± 1.71	33.19 ± 0.81	29.58 ± 0.40
bn100827455	1.03E-06 ± 2.24E-08	19.12 ± 1.24	8.86 ± 0.51	3.14 ± 0.20
bn100829374	7.29E-06 ± 4.81E-08	8.10 ± 1.31	7.41 ± 0.46	6.43 ± 0.30
bn100829876	1.50E-05 ± 7.20E-08	82.08 ± 2.33	68.67 ± 1.08	45.05 ± 0.46
bn100831651	2.93E-06 ± 1.14E-07	5.42 ± 2.24	3.76 ± 0.80	2.60 ± 0.38
bn100902990	2.11E-06 ± 4.14E-08	5.78 ± 1.31	3.26 ± 0.46	2.70 ± 0.24
bn100905907	1.85E-06 ± 2.04E-08	4.95 ± 1.18	3.93 ± 0.63	3.15 ± 0.27
bn100906576	2.33E-05 ± 5.79E-08	19.42 ± 1.85	18.13 ± 0.88	14.49 ± 0.42
bn100907751	7.33E-07 ± 5.55E-08	4.92 ± 1.04	4.05 ± 0.57	3.41 ± 0.26
bn100910818	1.34E-05 ± 4.74E-08	33.32 ± 1.51	31.39 ± 0.73	23.22 ± 0.34
bn100911816	8.68E-07 ± 3.63E-08	5.42 ± 0.93	3.14 ± 0.40	2.50 ± 0.19
bn100915243	4.75E-07 ± 2.80E-08	5.03 ± 1.70	2.78 ± 0.73	1.84 ± 0.32
bn100916779	1.78E-06 ± 1.38E-07	21.34 ± 2.97	14.72 ± 1.33	4.97 ± 0.46
bn100918863	1.29E-04 ± 1.26E-07	15.37 ± 1.57	14.12 ± 0.77	13.24 ± 0.38
bn100919884	5.76E-06 ± 8.61E-08	5.39 ± 0.71	4.36 ± 0.23	3.97 ± 0.16
bn100922625	4.25E-07 ± 1.22E-08	2.55 ± 1.03	1.96 ± 0.43	1.47 ± 0.22
bn100923844	3.92E-06 ± 5.12E-08	8.19 ± 1.38	7.29 ± 0.63	6.61 ± 0.31
bn100924165	3.33E-06 ± 3.80E-08	9.75 ± 0.74	9.20 ± 0.38	7.32 ± 0.18
bn100926595	6.97E-06 ± 1.59E-08	11.12 ± 1.72	9.52 ± 0.82	8.44 ± 0.37
bn100926694	1.37E-06 ± 3.29E-08	3.66 ± 0.98	2.42 ± 0.20	1.68 ± 0.17
bn100929235	4.95E-07 ± 1.74E-08	2.72 ± 0.70	1.86 ± 0.31	1.44 ± 0.18
bn100929315	3.25E-07 ± 1.97E-08	5.30 ± 1.66	3.59 ± 0.66	2.47 ± 0.28
bn100929916	7.61E-07 ± 2.20E-08	16.15 ± 1.77	9.20 ± 0.76	3.64 ± 0.32
bn101002279	4.40E-07 ± 3.32E-08	2.87 ± 0.93	2.16 ± 0.41	1.37 ± 0.21
bn101003244	2.23E-06 ± 3.27E-08	8.43 ± 1.32	7.57 ± 0.57	6.33 ± 0.26
bn101004426	9.03E-06 ± 1.02E-07	6.09 ± 1.86	4.08 ± 0.75	3.10 ± 0.42
bn101008697	1.35E-06 ± 4.34E-08	5.51 ± 1.29	4.31 ± 0.59	2.66 ± 0.26
bn101010190	1.55E-06 ± 6.00E-08	3.98 ± 1.02	3.01 ± 0.48	1.93 ± 0.20
bn101011707	2.71E-06 ± 9.10E-08	7.12 ± 3.00	4.95 ± 0.63	2.77 ± 0.43
bn101013412	6.41E-06 ± 7.61E-08	12.30 ± 0.98	10.79 ± 0.47	7.78 ± 0.22
bn101014175	2.01E-04 ± 4.27E-07	71.22 ± 1.79	69.29 ± 0.76	58.96 ± 0.42

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn101015558	2.76E-05 ± 1.30E-07	15.93 ± 21.28	9.29 ± 5.38	4.32 ± 1.37
bn101016243	2.44E-06 ± 1.49E-08	14.41 ± 1.29	14.04 ± 0.64	11.58 ± 0.32
bn101017619	1.78E-06 ± 1.81E-08	3.00 ± 0.80	2.49 ± 0.20	1.26 ± 0.18
bn101021009	2.23E-05 ± 5.39E-07	14.94 ± 2.47	11.84 ± 0.75	10.12 ± 0.45
bn101021063	2.93E-07 ± 2.06E-08	4.03 ± 0.97	3.11 ± 0.48	1.99 ± 0.23
bn101023951	6.37E-05 ± 5.10E-07	41.16 ± 2.11	38.48 ± 1.03	36.74 ± 0.51
bn101024486	3.33E-06 ± 1.32E-07	16.86 ± 4.56	12.28 ± 1.95	8.27 ± 0.79
bn101025146	2.79E-07 ± 1.56E-08	2.46 ± 0.88	1.82 ± 0.37	1.24 ± 0.20
bn101025267	4.49E-06 ± 4.29E-08	15.36 ± 4.50	9.92 ± 0.65	8.15 ± 0.45
bn101026034	9.30E-07 ± 2.26E-08	13.99 ± 1.75	10.19 ± 0.58	2.85 ± 0.26
bn101027230	1.44E-07 ± 8.75E-09	5.49 ± 1.13	2.77 ± 0.40	0.61 ± 0.20
bn101030664	5.12E-06 ± 3.86E-08	5.47 ± 1.42	2.89 ± 0.56	2.01 ± 0.24
bn101031625	2.22E-07 ± 2.91E-08	9.82 ± 1.47	7.57 ± 0.67	2.69 ± 0.26
bn101101744	6.50E-07 ± 2.28E-08	9.94 ± 1.43	9.57 ± 0.72	7.87 ± 0.30
bn101101899	2.60E-06 ± 2.72E-08	4.48 ± 1.29	2.82 ± 0.52	2.07 ± 0.26
bn101102840	1.72E-06 ± 3.28E-08	4.68 ± 1.05	2.51 ± 0.44	1.64 ± 0.20
bn101104810	8.93E-07 ± 2.54E-08	5.16 ± 0.98	4.02 ± 0.37	3.01 ± 0.21
bn101107011	7.26E-06 ± 2.42E-07	5.46 ± 1.42	4.12 ± 0.29	3.50 ± 0.23
bn101112924	2.26E-06 ± 7.71E-08	9.82 ± 1.73	9.01 ± 0.87	7.89 ± 0.40
bn101112984	8.57E-06 ± 9.74E-08	4.76 ± 1.25	4.12 ± 0.40	2.02 ± 0.22
bn101113483	3.06E-06 ± 2.93E-08	10.58 ± 13.08	6.27 ± 0.83	5.39 ± 0.44
bn101116481	3.04E-07 ± 6.39E-08	5.76 ± 1.28	4.26 ± 0.72	1.96 ± 0.30
bn101117496	8.24E-06 ± 7.69E-08	5.23 ± 1.24	4.13 ± 0.58	3.17 ± 0.26
bn101119685	1.69E-07 ± 1.59E-08	4.34 ± 1.69	3.71 ± 0.61	2.15 ± 0.28
bn101123952	1.17E-04 ± 5.29E-08	50.44 ± 2.10	45.54 ± 1.02	39.49 ± 0.48
bn101126198	3.10E-05 ± 1.45E-07	24.59 ± 1.12	22.46 ± 0.52	21.58 ± 0.25
bn101127093	6.96E-07 ± 1.73E-08	3.12 ± 1.02	1.87 ± 0.41	1.26 ± 0.22
bn101127102	3.09E-06 ± 2.83E-08	3.67 ± 1.05	2.71 ± 0.49	1.98 ± 0.21
bn101128322	8.36E-07 ± 1.52E-08	3.99 ± 1.18	2.86 ± 0.42	2.17 ± 0.21
bn101129652	8.63E-07 ± 4.43E-08	10.61 ± 1.36	8.66 ± 0.56	3.47 ± 0.23
bn101129726	1.12E-06 ± 2.18E-08	15.05 ± 1.30	11.40 ± 0.59	5.81 ± 0.25
bn101130074	3.20E-07 ± 4.91E-08	3.57 ± 1.50	1.87 ± 0.62	1.32 ± 0.30
bn101201418	2.37E-05 ± 9.90E-08	8.72 ± 1.34	7.85 ± 0.58	6.95 ± 0.31
bn101202154	1.41E-06 ± 7.96E-08	11.13 ± 2.96	6.76 ± 1.38	4.06 ± 0.66
bn101204343	2.82E-07 ± 1.49E-08	6.57 ± 0.95	3.67 ± 0.37	0.85 ± 0.18
bn101205309	3.90E-07 ± 3.80E-08	3.27 ± 1.09	2.12 ± 0.45	1.35 ± 0.23
bn101206036	5.84E-06 ± 8.19E-08	5.12 ± 0.87	4.80 ± 0.46	4.14 ± 0.22
bn101207536	6.65E-06 ± 7.18E-08	7.79 ± 1.18	6.50 ± 0.56	3.62 ± 0.22
bn101208203	3.10E-07 ± 1.59E-08	4.62 ± 1.00	4.12 ± 0.46	1.59 ± 0.24
bn101208498	3.84E-06 ± 5.31E-08	48.87 ± 2.38	47.54 ± 1.18	31.96 ± 0.55

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn101211485	1.63E-06 ± 4.53E-08	5.45 ± 1.14	3.98 ± 0.45	3.48 ± 0.23
bn101213451	7.40E-06 ± 1.05E-07	7.82 ± 2.04	7.05 ± 0.66	4.53 ± 0.40
bn101213849	1.29E-06 ± 1.84E-08	8.52 ± 1.14	6.92 ± 0.56	5.91 ± 0.28
bn101214748	2.37E-07 ± 3.01E-08	7.41 ± 1.38	5.72 ± 0.47	1.92 ± 0.26
bn101214993	1.09E-06 ± 3.76E-08	3.70 ± 1.15	3.55 ± 0.37	2.87 ± 0.23
bn101216721	3.04E-06 ± 6.78E-08	25.08 ± 1.84	24.07 ± 0.88	18.75 ± 0.42
bn101219686	3.99E-06 ± 4.89E-08	3.16 ± 0.84	2.60 ± 0.35	2.00 ± 0.18
bn101220576	9.60E-06 ± 9.41E-08	7.32 ± 1.80	5.01 ± 0.78	3.46 ± 0.34
bn101220864	5.29E-06 ± 9.03E-08	7.69 ± 0.87	6.56 ± 0.39	6.06 ± 0.20
bn101223834	2.46E-06 ± 4.54E-08	3.82 ± 1.20	2.98 ± 0.74	1.73 ± 0.29
bn101224227	1.91E-07 ± 2.69E-08	6.71 ± 1.04	4.83 ± 0.59	1.31 ± 0.21
bn101224578	3.89E-06 ± 2.23E-08	6.75 ± 0.99	6.53 ± 0.34	5.33 ± 0.20
bn101224614	2.61E-06 ± 5.76E-08	6.35 ± 1.41	4.54 ± 0.51	3.11 ± 0.25
bn101224998	1.36E-06 ± 2.60E-08	3.85 ± 0.98	3.37 ± 0.53	2.30 ± 0.23
bn101225377	2.02E-05 ± 2.96E-07	10.64 ± 1.42	7.97 ± 0.66	7.44 ± 0.33
bn101227195	3.43E-06 ± 9.02E-08	7.69 ± 1.88	5.76 ± 0.74	4.16 ± 0.39
bn101227406	1.38E-05 ± 9.30E-08	8.71 ± 1.40	7.65 ± 0.69	7.03 ± 0.34
bn101227536	6.44E-06 ± 3.68E-08	9.70 ± 1.01	8.10 ± 0.51	4.93 ± 0.22
bn101231067	1.68E-05 ± 1.18E-07	22.39 ± 1.87	19.38 ± 0.86	15.02 ± 0.40
bn110101202	2.50E-07 ± 2.82E-08	3.95 ± 1.03	3.23 ± 0.53	1.84 ± 0.24
bn110101506	6.63E-06 ± 7.23E-08	4.05 ± 1.09	2.73 ± 0.63	1.95 ± 0.23
bn110102788	3.72E-05 ± 2.05E-07	19.00 ± 1.44	17.63 ± 0.72	14.07 ± 0.35
bn110105877	2.09E-05 ± 1.05E-07	10.20 ± 1.39	9.36 ± 0.68	7.64 ± 0.32
bn110106893	4.11E-06 ± 5.62E-08	4.75 ± 1.22	3.24 ± 0.56	2.77 ± 0.27
bn110107886	1.32E-05 ± 1.24E-07	5.07 ± 0.99	4.10 ± 0.48	3.00 ± 0.21
bn110108977	2.51E-06 ± 5.58E-08	4.30 ± 1.45	2.93 ± 0.70	1.89 ± 0.31
bn110112934	4.05E-07 ± 2.72E-08	8.22 ± 1.23	6.05 ± 0.60	2.29 ± 0.23
bn110117364	2.56E-06 ± 1.07E-07	6.21 ± 2.04	2.40 ± 0.69	1.42 ± 0.32
bn110117626	3.03E-06 ± 1.91E-08	4.49 ± 1.18	3.60 ± 0.47	2.41 ± 0.23
bn110118857	2.97E-06 ± 4.35E-08	11.25 ± 1.48	10.64 ± 0.73	8.41 ± 0.34
bn110119931	1.01E-05 ± 4.56E-08	6.34 ± 1.28	5.25 ± 0.59	3.93 ± 0.28
bn110120666	1.89E-05 ± 4.39E-08	16.53 ± 1.34	13.77 ± 0.68	12.01 ± 0.35
bn110123804	1.90E-05 ± 5.99E-08	11.15 ± 1.21	9.29 ± 0.54	8.46 ± 0.26
bn110124784	1.59E-07 ± 1.36E-08	3.79 ± 1.23	1.59 ± 0.44	1.03 ± 0.20
bn110125894	8.63E-07 ± 3.67E-08	7.01 ± 1.30	6.09 ± 0.45	5.25 ± 0.27
bn110128073	1.42E-06 ± 1.04E-07	2.83 ± 1.05	2.31 ± 0.40	1.55 ± 0.19
bn110130230	2.90E-06 ± 4.24E-08	4.14 ± 1.14	3.03 ± 0.46	1.93 ± 0.22
bn110131780	5.75E-08 ± 1.52E-08	4.39 ± 1.26	3.07 ± 0.51	1.13 ± 0.23
bn110201399	3.15E-06 ± 1.65E-07	6.56 ± 1.85	4.35 ± 0.92	3.47 ± 0.44
bn110204179	3.10E-06 ± 6.58E-08	5.28 ± 1.42	4.13 ± 0.57	3.55 ± 0.27

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110205027	4.51E-07 ± 6.44E-08	4.36 ± 1.51	2.98 ± 0.62	2.28 ± 0.31
bn110205588	4.21E-06 ± 8.33E-08	8.57 ± 3.91	5.37 ± 1.07	3.71 ± 0.48
bn110206202	7.90E-07 ± 3.97E-08	5.15 ± 1.60	3.51 ± 0.63	2.16 ± 0.29
bn110207470	2.49E-06 ± 3.75E-08	8.77 ± 1.19	5.15 ± 0.52	2.05 ± 0.21
bn110207959	3.42E-07 ± 5.48E-08	4.71 ± 1.54	3.30 ± 0.58	2.31 ± 0.28
bn110209165	6.73E-07 ± 3.02E-08	3.96 ± 1.39	3.19 ± 0.63	2.18 ± 0.27
bn110212550	6.35E-07 ± 1.23E-08	17.34 ± 1.15	9.13 ± 0.47	2.50 ± 0.19
bn110213220	9.37E-06 ± 5.16E-08	21.63 ± 2.32	19.63 ± 1.12	17.76 ± 0.54
bn110213876	1.54E-07 ± 1.59E-08	3.76 ± 0.79	2.75 ± 0.44	1.16 ± 0.21
bn110217591	1.42E-06 ± 4.50E-08	3.23 ± 1.24	3.23 ± 0.31	1.15 ± 0.18
bn110220761	2.11E-06 ± 2.62E-08	4.74 ± 1.02	4.04 ± 0.52	3.46 ± 0.22
bn110221244	2.25E-06 ± 3.36E-08	5.65 ± 1.24	4.26 ± 0.54	4.02 ± 0.25
bn110226989	1.90E-06 ± 2.50E-08	4.05 ± 1.19	3.52 ± 0.38	2.46 ± 0.21
bn110227009	1.64E-07 ± 1.01E-08	3.69 ± 0.94	2.85 ± 0.46	1.78 ± 0.22
bn110227229	2.40E-06 ± 3.17E-08	6.42 ± 1.30	5.29 ± 0.61	4.50 ± 0.31
bn110227420	2.42E-06 ± 8.41E-08	5.42 ± 1.13	3.85 ± 0.57	3.50 ± 0.27
bn110228011	5.14E-06 ± 4.99E-08	8.31 ± 1.81	7.12 ± 0.69	5.60 ± 0.33
bn110228792	9.60E-07 ± 2.38E-08	3.72 ± 1.21	2.08 ± 0.49	1.25 ± 0.21
bn110301214	3.59E-05 ± 3.07E-08	130.23 ± 3.85	119.83 ± 1.87	100.73 ± 0.88
bn110302043	3.73E-06 ± 6.04E-08	8.32 ± 1.42	7.08 ± 0.59	6.29 ± 0.29
bn110304071	3.46E-06 ± 8.33E-08	6.73 ± 1.39	6.06 ± 0.70	5.43 ± 0.35
bn110307972	5.75E-07 ± 4.34E-08	5.88 ± 0.98	4.05 ± 0.41	2.32 ± 0.19
bn110311812	1.12E-06 ± 3.22E-08	5.53 ± 1.23	3.91 ± 0.48	3.46 ± 0.26
bn110316139	1.15E-07 ± 3.32E-08	5.16 ± 1.27	3.65 ± 0.49	1.33 ± 0.21
bn110318552	8.15E-06 ± 7.84E-08	13.86 ± 1.17	11.97 ± 0.57	11.02 ± 0.29
bn110319628	1.68E-06 ± 3.61E-08	4.15 ± 1.14	3.08 ± 0.48	2.54 ± 0.25
bn110319815	2.49E-06 ± 8.53E-08	8.12 ± 2.41	5.17 ± 1.01	3.54 ± 0.46
bn110321346	1.12E-06 ± 4.40E-08	2.50 ± 0.82	1.96 ± 0.27	1.47 ± 0.16
bn110322558	3.56E-06 ± 3.47E-08	4.62 ± 0.98	3.41 ± 0.48	2.60 ± 0.22
bn110328520	1.92E-05 ± 1.03E-07	14.93 ± 9.43	10.35 ± 1.10	8.78 ± 0.47
bn110331604	2.64E-07 ± 2.79E-08	4.01 ± 1.30	2.87 ± 0.52	2.20 ± 0.25
bn110401920	1.57E-06 ± 6.43E-08	10.81 ± 1.37	7.41 ± 0.64	3.53 ± 0.25
bn110402009	1.08E-05 ± 1.63E-07	27.83 ± 2.37	15.24 ± 1.05	7.81 ± 0.47
bn110407998	2.64E-05 ± 7.16E-08	22.20 ± 1.25	20.83 ± 0.63	18.13 ± 0.31
bn110409179	3.28E-07 ± 1.06E-08	9.65 ± 0.96	5.46 ± 0.45	1.20 ± 0.19
bn110410133	6.41E-06 ± 1.84E-08	4.71 ± 1.03	4.20 ± 0.34	3.08 ± 0.22
bn110410772	9.36E-07 ± 2.22E-08	5.28 ± 1.13	4.29 ± 0.39	3.03 ± 0.21
bn110411629	3.58E-06 ± 6.88E-08	7.82 ± 2.85	6.15 ± 0.96	4.80 ± 0.43
bn110412315	2.55E-06 ± 2.99E-08	4.44 ± 0.82	3.70 ± 0.46	2.75 ± 0.22
bn110413938	1.10E-06 ± 3.16E-08	3.26 ± 1.23	2.35 ± 0.34	1.14 ± 0.22

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110415541	4.72E-06 ± 5.51E-08	7.15 ± 1.71	5.42 ± 0.71	4.88 ± 0.33
bn110420946	2.44E-07 ± 2.73E-08	12.01 ± 1.78	4.86 ± 0.68	1.29 ± 0.30
bn110421757	1.06E-05 ± 7.77E-08	8.77 ± 1.19	7.95 ± 0.58	7.22 ± 0.29
bn110422029	8.06E-08 ± 1.92E-08	6.81 ± 1.09	3.53 ± 0.48	1.44 ± 0.19
bn110424758	4.65E-08 ± 9.32E-09	4.84 ± 1.01	2.09 ± 0.36	0.44 ± 0.15
bn110426629	3.31E-05 ± 1.15E-07	8.61 ± 1.74	7.41 ± 0.66	5.85 ± 0.28
bn110428338	1.58E-05 ± 6.66E-08	13.67 ± 1.59	11.04 ± 0.71	9.95 ± 0.35
bn110428388	2.16E-05 ± 1.54E-07	32.23 ± 1.54	29.27 ± 0.71	26.76 ± 0.35
bn110430375	7.07E-06 ± 3.85E-08	7.76 ± 1.30	6.84 ± 0.60	6.01 ± 0.28
bn110503145	1.87E-06 ± 3.68E-08	6.96 ± 1.31	6.21 ± 0.61	5.41 ± 0.27
bn110505203	2.03E-06 ± 6.94E-08	14.62 ± 1.67	11.78 ± 0.74	10.16 ± 0.35
bn110509142	3.76E-06 ± 4.31E-08	5.75 ± 1.45	3.60 ± 0.57	2.44 ± 0.31
bn110509475	5.26E-07 ± 1.46E-08	9.94 ± 0.99	7.21 ± 0.41	3.54 ± 0.19
bn110511616	4.89E-07 ± 4.25E-08	4.57 ± 1.13	2.87 ± 0.39	2.27 ± 0.22
bn110517453	9.89E-08 ± 2.34E-08	5.78 ± 1.04	3.35 ± 0.47	1.09 ± 0.20
bn110517573	8.74E-06 ± 3.80E-08	12.12 ± 1.41	10.71 ± 0.72	8.20 ± 0.34
bn110517902	8.74E-06 ± 3.80E-08	12.12 ± 1.41	10.71 ± 0.72	8.20 ± 0.34
bn110520302	1.04E-06 ± 5.11E-08	5.70 ± 1.98	3.44 ± 0.69	2.88 ± 0.35
bn110521478	3.61E-06 ± 8.07E-08	20.00 ± 2.63	18.30 ± 1.31	15.74 ± 0.63
bn110522256	2.11E-06 ± 3.16E-08	4.24 ± 1.20	3.33 ± 0.47	1.91 ± 0.20
bn110522296	1.06E-06 ± 4.06E-08	3.01 ± 0.79	2.04 ± 0.38	1.70 ± 0.18
bn110522633	3.04E-06 ± 2.48E-08	5.30 ± 1.18	4.71 ± 0.47	4.16 ± 0.22
bn110523344	2.23E-06 ± 4.55E-08	5.98 ± 1.42	5.29 ± 0.64	4.68 ± 0.29
bn110526715	5.20E-07 ± 8.60E-09	11.68 ± 1.50	9.91 ± 0.69	4.59 ± 0.28
bn110528624	4.60E-06 ± 5.73E-08	4.63 ± 1.24	2.87 ± 0.38	2.31 ± 0.23
bn110529034	1.47E-06 ± 1.33E-08	39.82 ± 1.64	22.94 ± 0.68	7.66 ± 0.24
bn110529262	6.78E-06 ± 4.31E-08	18.51 ± 1.65	16.50 ± 0.79	11.72 ± 0.38
bn110529811	3.33E-06 ± 2.98E-08	3.66 ± 0.85	2.98 ± 0.36	2.28 ± 0.19
bn110531448	2.29E-06 ± 2.52E-08	3.79 ± 1.05	2.96 ± 0.30	2.30 ± 0.18
bn110601681	1.24E-05 ± 1.30E-07	4.77 ± 0.88	3.76 ± 0.37	3.25 ± 0.20
bn110605183	1.93E-05 ± 5.59E-08	10.04 ± 1.51	9.16 ± 0.76	8.22 ± 0.37
bn110605780	4.39E-07 ± 2.12E-08	5.04 ± 0.99	3.58 ± 0.51	3.09 ± 0.27
bn110609185	5.05E-07 ± 3.45E-08	3.52 ± 1.08	3.05 ± 0.36	2.14 ± 0.21
bn110609425	2.35E-06 ± 4.23E-08	4.72 ± 1.09	3.66 ± 0.43	2.72 ± 0.23
bn110610640	8.02E-06 ± 6.15E-08	7.87 ± 1.10	6.78 ± 0.54	5.82 ± 0.26
bn110613631	3.26E-06 ± 3.73E-08	4.41 ± 1.37	2.63 ± 0.49	1.96 ± 0.24
bn110616648	1.29E-06 ± 5.09E-08	6.52 ± 1.79	5.06 ± 0.83	3.35 ± 0.35
bn110618366	6.24E-05 ± 1.70E-07	15.26 ± 3.62	13.20 ± 0.81	9.61 ± 0.60
bn110618760	9.78E-06 ± 5.44E-08	5.77 ± 1.42	4.82 ± 0.53	3.57 ± 0.27
bn110622158	5.43E-05 ± 1.54E-07	19.68 ± 1.69	18.25 ± 0.79	17.51 ± 0.39

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110624906	2.72E-07 ± 2.48E-08	3.36 ± 1.24	2.71 ± 0.53	1.95 ± 0.25
bn110625579	3.56E-06 ± 3.45E-08	4.54 ± 1.08	3.35 ± 0.48	2.77 ± 0.23
bn110625881	6.55E-05 ± 1.01E-07	84.28 ± 2.79	81.82 ± 1.38	76.97 ± 0.67
bn110626448	1.16E-06 ± 2.92E-08	7.18 ± 1.35	5.84 ± 0.58	5.26 ± 0.29
bn110629174	2.43E-06 ± 2.37E-08	9.01 ± 1.00	7.87 ± 0.52	5.03 ± 0.24
bn110702187	7.99E-06 ± 1.33E-07	8.77 ± 1.77	6.26 ± 0.79	5.60 ± 0.35
bn110703557	9.74E-07 ± 2.23E-08	8.30 ± 1.27	7.38 ± 0.59	5.75 ± 0.28
bn110705151	2.85E-06 ± 2.51E-08	40.70 ± 1.69	28.72 ± 0.75	7.98 ± 0.28
bn110705364	8.94E-06 ± 9.97E-08	7.62 ± 1.05	7.09 ± 0.53	6.25 ± 0.25
bn110706202	3.27E-06 ± 9.71E-08	4.01 ± 1.11	3.44 ± 0.32	2.60 ± 0.18
bn110706477	6.72E-06 ± 7.07E-08	4.43 ± 1.11	3.80 ± 0.47	3.31 ± 0.22
bn110706728	2.34E-06 ± 7.37E-08	8.89 ± 1.40	6.23 ± 0.64	4.59 ± 0.27
bn110706977	6.55E-06 ± 4.47E-08	12.88 ± 1.83	11.47 ± 0.78	9.82 ± 0.30
bn110709463	6.91E-06 ± 4.08E-08	18.94 ± 1.70	17.89 ± 0.86	15.70 ± 0.41
bn110709642	3.69E-05 ± 6.19E-08	15.14 ± 2.01	12.71 ± 0.89	11.13 ± 0.48
bn110709862	7.97E-07 ± 2.38E-08	5.87 ± 1.48	4.85 ± 0.49	3.77 ± 0.29
bn110710954	9.32E-06 ± 4.19E-08	17.63 ± 1.53	16.22 ± 0.78	12.25 ± 0.41
bn110716018	1.35E-06 ± 3.44E-08	15.17 ± 1.54	13.45 ± 0.79	7.03 ± 0.32
bn110717180	2.51E-07 ± 1.18E-08	18.53 ± 1.84	5.98 ± 0.62	1.52 ± 0.23
bn110717319	4.25E-05 ± 5.20E-08	17.41 ± 1.61	17.13 ± 0.81	16.00 ± 0.39
bn110720177	5.63E-06 ± 2.80E-08	7.39 ± 1.34	6.33 ± 0.56	5.51 ± 0.27
bn110721200	3.70E-05 ± 3.85E-08	34.32 ± 1.55	32.24 ± 0.77	30.96 ± 0.38
bn110722694	2.11E-05 ± 1.15E-07	7.78 ± 1.32	6.14 ± 0.63	5.31 ± 0.29
bn110722710	1.80E-06 ± 6.68E-08	5.52 ± 1.61	4.16 ± 0.67	3.64 ± 0.29
bn110725236	1.31E-06 ± 2.93E-08	5.56 ± 1.10	4.95 ± 0.53	4.10 ± 0.25
bn110726211	4.36E-06 ± 9.67E-08	6.03 ± 1.44	5.63 ± 0.56	4.42 ± 0.29
bn110728056	3.27E-07 ± 6.30E-08	4.76 ± 0.98	3.19 ± 0.42	2.02 ± 0.20
bn110729142	4.64E-05 ± 4.78E-08	9.69 ± 1.28	7.95 ± 0.62	7.32 ± 0.30
bn110730008	1.26E-06 ± 3.69E-08	3.67 ± 1.41	2.82 ± 0.34	1.79 ± 0.21
bn110730660	7.97E-06 ± 9.20E-08	8.90 ± 1.50	7.73 ± 0.75	7.13 ± 0.38
bn110731465	2.29E-05 ± 5.70E-08	29.11 ± 2.11	26.69 ± 0.99	20.87 ± 0.46
bn110801335	3.54E-07 ± 5.40E-08	14.74 ± 3.11	10.83 ± 1.39	4.96 ± 0.57
bn110803783	2.95E-06 ± 5.05E-08	4.76 ± 1.02	3.05 ± 0.58	2.16 ± 0.18
bn110806934	7.19E-06 ± 2.82E-08	7.89 ± 1.11	6.80 ± 0.56	6.38 ± 0.27
bn110809461	3.91E-06 ± 9.55E-08	8.84 ± 1.51	7.70 ± 0.74	5.85 ± 0.34
bn110812899	1.17E-06 ± 2.18E-08	5.28 ± 1.22	5.14 ± 0.45	4.14 ± 0.25
bn110813237	4.77E-06 ± 3.69E-08	12.09 ± 1.57	10.89 ± 0.74	9.54 ± 0.33
bn110817191	1.19E-05 ± 4.49E-08	27.99 ± 1.69	26.15 ± 0.83	24.13 ± 0.40
bn110818860	5.15E-06 ± 3.31E-08	4.88 ± 1.50	3.88 ± 0.54	2.79 ± 0.27
bn110819665	3.04E-06 ± 8.23E-08	18.56 ± 3.79	15.93 ± 1.74	13.44 ± 0.81

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110820476	7.98E-07 ± 4.37E-08	4.12 ± 1.10	3.52 ± 0.50	3.24 ± 0.25
bn110824009	1.48E-05 ± 1.54E-07	27.92 ± 1.27	24.46 ± 0.69	15.62 ± 0.28
bn110825102	4.61E-05 ± 1.11E-07	78.84 ± 1.88	65.67 ± 0.92	53.70 ± 0.44
bn110825265	2.09E-06 ± 2.43E-08	3.38 ± 0.79	2.79 ± 0.34	2.08 ± 0.17
bn110828575	2.72E-06 ± 3.70E-08	3.78 ± 1.31	2.99 ± 0.45	2.14 ± 0.23
bn110831282	4.42E-06 ± 3.12E-08	6.22 ± 1.23	5.09 ± 0.57	4.39 ± 0.26
bn110901230	1.51E-06 ± 5.75E-08	4.44 ± 1.37	3.59 ± 0.32	2.56 ± 0.25
bn110903009	1.32E-05 ± 4.23E-08	50.30 ± 2.79	48.80 ± 1.38	44.04 ± 0.65
bn110903111	3.47E-05 ± 7.61E-08	7.08 ± 0.89	5.97 ± 0.50	5.03 ± 0.23
bn110904124	1.11E-05 ± 6.85E-08	9.77 ± 1.37	9.28 ± 0.64	7.84 ± 0.34
bn110904163	3.46E-06 ± 2.68E-08	5.85 ± 0.92	4.53 ± 0.52	3.98 ± 0.24
bn110904531	3.81E-06 ± 4.95E-08	9.08 ± 1.62	9.08 ± 0.40	7.27 ± 0.18
bn110906302	3.80E-06 ± 3.14E-08	7.80 ± 1.37	5.90 ± 0.67	5.43 ± 0.32
bn110909116	4.92E-05 ± 1.44E-05	3054.10 ± 4475.63	765.01 ± 1118.91	200.58 ± 279.73
bn110911071	5.94E-07 ± 8.35E-08	6.69 ± 3.06	3.75 ± 0.91	2.38 ± 0.41
bn110916016	4.23E-07 ± 6.49E-08	3.94 ± 0.95	2.79 ± 0.47	1.96 ± 0.22
bn110919634	2.68E-05 ± 1.81E-07	14.38 ± 1.53	13.07 ± 0.79	12.27 ± 0.38
bn110920338	2.69E-06 ± 2.05E-08	5.85 ± 1.30	5.33 ± 0.54	4.20 ± 0.27
bn110920546	1.72E-04 ± 2.41E-07	16.96 ± 1.37	14.95 ± 0.71	13.74 ± 0.35
bn110921444	5.90E-06 ± 1.19E-07	3.76 ± 0.86	2.73 ± 0.35	2.08 ± 0.18
bn110921577	3.36E-06 ± 5.59E-08	4.62 ± 1.12	3.09 ± 0.61	2.72 ± 0.27
bn110921912	3.63E-05 ± 7.90E-08	41.36 ± 2.43	37.69 ± 1.18	32.35 ± 0.57
bn110923481	1.24E-07 ± 9.78E-09	3.39 ± 0.94	2.48 ± 0.39	1.42 ± 0.21
bn110923835	4.09E-06 ± 7.85E-08	5.53 ± 0.94	4.37 ± 0.49	3.76 ± 0.25
bn110926107	1.20E-05 ± 7.09E-08	9.48 ± 1.50	7.02 ± 0.70	6.18 ± 0.33
bn110928180	1.42E-05 ± 9.36E-08	6.50 ± 0.89	5.15 ± 0.41	4.20 ± 0.19
bn110929187	2.20E-06 ± 1.97E-08	7.18 ± 0.98	6.02 ± 0.58	5.56 ± 0.28
bn110930564	6.23E-06 ± 1.30E-07	6.52 ± 2.28	4.63 ± 0.79	2.62 ± 0.34
bn111001804	1.90E-07 ± 1.24E-08	4.18 ± 0.70	2.74 ± 0.35	0.76 ± 0.15
bn111003465	2.10E-05 ± 5.99E-08	21.23 ± 1.33	20.50 ± 0.66	18.44 ± 0.32
bn111005398	2.05E-06 ± 3.06E-08	3.48 ± 0.98	2.74 ± 0.42	1.91 ± 0.18
bn111008992	3.03E-06 ± 2.66E-08	3.81 ± 1.27	3.44 ± 0.38	1.84 ± 0.21
bn111009282	1.20E-05 ± 5.13E-08	19.70 ± 1.71	17.91 ± 0.84	16.86 ± 0.40
bn111010237	1.10E-05 ± 1.57E-07	5.03 ± 1.32	3.63 ± 0.64	2.33 ± 0.28
bn111010660	8.71E-07 ± 3.34E-08	6.41 ± 1.31	4.56 ± 0.71	3.80 ± 0.32
bn111010709	1.26E-05 ± 5.25E-08	6.52 ± 1.22	6.08 ± 0.32	5.11 ± 0.20
bn111010899	9.59E-07 ± 5.17E-08	3.79 ± 1.13	3.17 ± 0.52	2.13 ± 0.22
bn111011094	4.20E-07 ± 1.98E-08	14.89 ± 1.17	8.88 ± 0.54	2.61 ± 0.19
bn111012456	1.65E-05 ± 8.26E-08	16.68 ± 2.19	15.01 ± 1.07	13.03 ± 0.51
bn111012811	3.29E-06 ± 3.23E-08	23.45 ± 1.47	21.56 ± 0.68	14.82 ± 0.31

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn111015427	2.42E-05 ± 3.99E-07	11.33 ± 1.91	10.07 ± 0.94	9.15 ± 0.46
bn111017657	2.07E-05 ± 5.64E-08	19.59 ± 1.27	17.95 ± 0.60	16.90 ± 0.30
bn111018595	1.11E-06 ± 5.33E-08	5.23 ± 1.27	3.98 ± 0.55	3.05 ± 0.26
bn111018785	1.76E-06 ± 3.37E-08	4.14 ± 1.19	2.15 ± 0.46	1.44 ± 0.22
bn111022854	1.26E-07 ± 1.21E-08	6.11 ± 1.04	3.88 ± 0.49	1.09 ± 0.20
bn111024722	1.44E-05 ± 7.04E-08	13.48 ± 1.55	12.28 ± 0.73	9.34 ± 0.34
bn111024896	3.80E-07 ± 1.55E-08	7.44 ± 1.18	4.63 ± 0.62	1.77 ± 0.26
bn111025078	2.98E-06 ± 3.13E-08	4.79 ± 1.39	2.52 ± 0.47	1.82 ± 0.24
bn111103441	2.98E-06 ± 7.85E-08	7.48 ± 1.31	6.47 ± 0.65	5.41 ± 0.30
bn111103948	2.82E-07 ± 5.32E-08	8.99 ± 1.45	6.50 ± 0.61	2.42 ± 0.23
bn111105457	1.99E-06 ± 4.61E-08	4.46 ± 0.97	3.67 ± 0.48	2.72 ± 0.22
bn111107035	9.07E-07 ± 3.48E-08	4.84 ± 1.88	3.85 ± 0.38	2.28 ± 0.35
bn111107076	1.04E-05 ± 5.91E-08	4.66 ± 0.98	3.52 ± 0.45	3.03 ± 0.21
bn111109453	3.05E-07 ± 3.23E-08	4.03 ± 1.40	2.74 ± 0.43	1.95 ± 0.23
bn111109873	6.69E-06 ± 5.40E-07	27.94 ± 11.41	15.59 ± 3.42	11.56 ± 1.55
bn111112908	8.89E-07 ± 9.73E-09	16.04 ± 0.98	12.63 ± 0.55	3.57 ± 0.18
bn111113410	3.10E-06 ± 6.95E-08	9.12 ± 1.36	8.16 ± 0.58	7.10 ± 0.29
bn111114233	1.11E-06 ± 2.60E-08	3.80 ± 1.10	3.42 ± 0.28	2.51 ± 0.17
bn111117510	5.64E-07 ± 1.28E-08	10.93 ± 1.06	5.53 ± 0.48	2.60 ± 0.18
bn111117526	1.42E-06 ± 2.49E-08	3.37 ± 0.89	2.09 ± 0.36	1.49 ± 0.19
bn111120556	6.73E-06 ± 8.42E-08	6.09 ± 1.39	5.95 ± 0.49	4.86 ± 0.25
bn111124308	6.26E-07 ± 2.19E-08	3.19 ± 0.90	1.94 ± 0.41	1.54 ± 0.18
bn111127810	8.64E-06 ± 5.18E-08	22.83 ± 2.09	21.49 ± 1.03	18.83 ± 0.49
bn111201599	1.86E-06 ± 6.92E-08	3.32 ± 0.94	2.56 ± 0.39	1.42 ± 0.18
bn111203054	4.65E-06 ± 4.62E-08	9.05 ± 1.24	7.49 ± 0.60	6.37 ± 0.29
bn111203609	6.95E-07 ± 4.39E-08	3.66 ± 1.11	2.14 ± 0.44	1.31 ± 0.17
bn111207512	2.62E-07 ± 2.66E-08	3.71 ± 0.77	1.84 ± 0.39	1.14 ± 0.18
bn111208353	3.26E-06 ± 3.87E-08	4.38 ± 1.15	2.75 ± 0.39	2.49 ± 0.19
bn111216389	4.41E-05 ± 6.36E-08	16.12 ± 1.77	12.71 ± 0.89	10.57 ± 0.42
bn111220486	5.36E-05 ± 2.22E-07	44.25 ± 1.70	38.01 ± 0.83	28.97 ± 0.39
bn111221739	3.06E-06 ± 5.72E-08	24.55 ± 1.90	20.68 ± 0.77	10.07 ± 0.38
bn111222619	4.42E-06 ± 1.91E-08	62.30 ± 3.54	45.84 ± 1.51	14.19 ± 0.50
bn111226795	1.15E-05 ± 1.39E-07	4.98 ± 1.10	3.82 ± 0.44	3.37 ± 0.21
bn111228453	2.75E-06 ± 4.27E-08	23.80 ± 1.95	22.40 ± 0.95	20.98 ± 0.44
bn111228657	1.81E-05 ± 5.79E-08	27.58 ± 1.74	24.93 ± 0.89	20.81 ± 0.42
bn111230683	2.90E-06 ± 5.01E-08	8.62 ± 2.11	6.80 ± 0.85	5.49 ± 0.41
bn111230819	3.51E-06 ± 3.95E-08	8.83 ± 1.30	7.46 ± 0.58	5.44 ± 0.27
bn111231622	9.33E-07 ± 9.53E-08	9.05 ± 3.92	5.75 ± 1.21	2.97 ± 0.60
bn120101354	1.09E-07 ± 1.39E-08	7.44 ± 0.97	3.98 ± 0.44	1.01 ± 0.17
bn120102095	1.34E-05 ± 4.39E-08	22.82 ± 1.57	21.31 ± 0.78	19.04 ± 0.39

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120102416	2.55E-06 ± 5.74E-08	5.59 ± 1.18	4.80 ± 0.53	4.34 ± 0.29
bn120105584	1.47E-06 ± 3.54E-08	4.57 ± 1.24	3.54 ± 0.54	2.60 ± 0.25
bn120107384	6.53E-06 ± 4.44E-08	8.53 ± 1.10	6.78 ± 0.51	5.50 ± 0.24
bn120109824	1.92E-06 ± 4.17E-08	6.51 ± 1.96	3.58 ± 0.65	2.55 ± 0.39
bn120111051	3.97E-06 ± 5.63E-08	4.19 ± 0.96	2.63 ± 0.45	2.00 ± 0.21
bn120114433	1.49E-07 ± 2.64E-08	3.78 ± 1.06	1.76 ± 0.44	1.10 ± 0.19
bn120114681	2.39E-06 ± 4.20E-08	5.87 ± 1.73	3.36 ± 0.49	2.45 ± 0.29
bn120117291	1.21E-07 ± 1.64E-08	3.57 ± 1.05	1.97 ± 0.49	1.20 ± 0.22
bn120118709	2.66E-06 ± 4.67E-08	5.21 ± 1.20	4.08 ± 0.48	2.83 ± 0.23
bn120118898	1.62E-06 ± 3.39E-08	13.42 ± 1.31	13.01 ± 0.64	9.00 ± 0.29
bn120119170	3.87E-05 ± 1.36E-07	22.37 ± 1.71	18.85 ± 0.80	16.86 ± 0.39
bn120119229	5.94E-06 ± 3.53E-08	5.36 ± 0.95	5.23 ± 0.40	4.34 ± 0.22
bn120119354	2.79E-06 ± 7.84E-08	6.42 ± 1.09	5.56 ± 0.56	4.22 ± 0.26
bn120120432	1.50E-06 ± 3.35E-08	3.41 ± 1.09	2.63 ± 0.35	1.41 ± 0.21
bn120121101	1.95E-06 ± 3.02E-08	4.21 ± 0.91	3.60 ± 0.45	2.66 ± 0.21
bn120121251	1.15E-05 ± 6.65E-08	9.06 ± 1.55	8.87 ± 0.54	7.10 ± 0.29
bn120122300	2.60E-06 ± 4.84E-08	5.01 ± 1.27	3.53 ± 0.54	3.05 ± 0.24
bn120129312	8.93E-08 ± 1.25E-08	3.32 ± 1.02	2.37 ± 0.49	0.96 ± 0.21
bn120129580	5.45E-05 ± 7.12E-08	212.26 ± 4.67	206.42 ± 2.29	158.63 ± 1.04
bn120130699	6.61E-06 ± 1.41E-07	12.29 ± 1.89	10.60 ± 0.89	8.16 ± 0.41
bn120130906	5.25E-07 ± 3.08E-08	3.84 ± 0.90	3.13 ± 0.46	2.29 ± 0.22
bn120130938	1.04E-05 ± 1.63E-07	8.96 ± 1.55	6.75 ± 0.69	6.19 ± 0.35
bn120203812	1.10E-06 ± 2.89E-08	5.98 ± 1.92	5.15 ± 0.76	3.51 ± 0.35
bn120204054	9.60E-05 ± 8.71E-08	36.54 ± 1.76	35.21 ± 0.93	33.57 ± 0.42
bn120205285	1.11E-07 ± 9.86E-09	2.28 ± 0.62	1.96 ± 0.33	1.08 ± 0.15
bn120206949	5.88E-06 ± 6.31E-08	21.93 ± 1.86	20.15 ± 0.89	17.15 ± 0.43
bn120210650	6.45E-07 ± 1.51E-08	11.07 ± 1.26	10.85 ± 0.44	7.04 ± 0.20
bn120212353	5.09E-08 ± 1.22E-08	5.31 ± 1.15	3.00 ± 0.47	1.22 ± 0.19
bn120212383	1.15E-06 ± 2.59E-08	4.86 ± 1.08	3.98 ± 0.47	3.29 ± 0.22
bn120213606	2.68E-06 ± 5.46E-08	9.38 ± 1.07	7.42 ± 0.53	6.61 ± 0.26
bn120217808	1.75E-06 ± 7.76E-08	12.11 ± 1.93	10.59 ± 0.87	8.94 ± 0.43
bn120217904	4.86E-06 ± 4.05E-08	45.65 ± 2.11	41.79 ± 1.03	24.39 ± 0.43
bn120218276	1.14E-05 ± 8.01E-08	4.59 ± 1.37	3.09 ± 0.61	2.52 ± 0.26
bn120219563	5.58E-07 ± 1.40E-08	2.60 ± 0.83	2.41 ± 0.29	1.57 ± 0.20
bn120220210	1.24E-06 ± 2.48E-08	3.51 ± 1.06	2.25 ± 0.45	1.70 ± 0.22
bn120222021	1.73E-06 ± 2.36E-08	24.02 ± 1.71	22.09 ± 0.84	15.92 ± 0.39
bn120222119	2.45E-06 ± 6.21E-08	5.00 ± 1.11	3.16 ± 0.58	2.10 ± 0.24
bn120223933	3.88E-06 ± 8.80E-08	6.42 ± 1.17	4.27 ± 0.45	3.92 ± 0.23
bn120224282	9.12E-06 ± 2.05E-07	7.27 ± 1.31	6.48 ± 0.55	5.17 ± 0.28
bn120224898	2.60E-06 ± 5.63E-08	4.34 ± 1.12	3.14 ± 0.41	2.55 ± 0.21

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120226447	5.85E-06 ± 7.85E-08	16.88 ± 3.10	8.72 ± 1.17	7.07 ± 0.49
bn120226871	5.20E-05 ± 9.14E-08	14.73 ± 1.43	12.41 ± 0.67	11.43 ± 0.33
bn120227391	3.74E-06 ± 8.33E-08	7.96 ± 1.99	6.44 ± 0.86	3.77 ± 0.41
bn120227725	2.19E-05 ± 1.04E-07	29.11 ± 5.05	21.20 ± 2.02	18.47 ± 0.91
bn120302080	2.53E-06 ± 5.51E-08	4.81 ± 1.51	3.60 ± 0.45	2.29 ± 0.29
bn120302722	1.19E-07 ± 1.62E-08	6.20 ± 1.49	4.35 ± 0.65	1.96 ± 0.28
bn120304061	5.05E-06 ± 1.99E-08	21.19 ± 1.54	21.19 ± 0.38	18.81 ± 0.29
bn120304248	1.14E-05 ± 4.07E-08	23.35 ± 1.97	16.78 ± 0.83	10.33 ± 0.37
bn120308588	6.72E-06 ± 6.27E-08	19.91 ± 2.39	18.40 ± 0.85	15.91 ± 0.50
bn120312671	8.29E-07 ± 2.72E-08	4.08 ± 1.10	3.10 ± 0.52	1.97 ± 0.24
bn120314412	1.64E-07 ± 3.14E-08	3.29 ± 0.92	3.05 ± 0.41	1.77 ± 0.18
bn120316008	1.63E-05 ± 3.08E-08	12.22 ± 1.31	10.54 ± 0.55	6.83 ± 0.30
bn120319983	2.42E-06 ± 3.96E-08	3.57 ± 1.05	3.03 ± 0.42	1.86 ± 0.19
bn120323162	1.41E-06 ± 2.00E-08	8.54 ± 1.16	6.76 ± 0.54	5.37 ± 0.27
bn120323507	1.04E-05 ± 3.17E-08	603.19 ± 8.22	373.26 ± 3.20	146.23 ± 0.88
bn120326056	3.26E-06 ± 4.84E-08	10.49 ± 1.26	8.62 ± 0.59	7.74 ± 0.28
bn120327418	1.14E-07 ± 3.65E-08	7.94 ± 1.76	5.08 ± 0.77	1.71 ± 0.29
bn120328268	7.50E-05 ± 1.66E-07	38.00 ± 1.68	36.95 ± 0.82	33.58 ± 0.40
bn120331055	6.77E-07 ± 5.20E-08	40.83 ± 3.54	16.32 ± 1.30	4.20 ± 0.42
bn120402669	3.75E-06 ± 2.61E-08	20.21 ± 2.13	18.39 ± 0.99	16.82 ± 0.47
bn120403857	2.40E-07 ± 2.05E-08	2.61 ± 1.03	2.25 ± 0.25	1.75 ± 0.24
bn120410585	2.91E-07 ± 2.11E-08	8.76 ± 1.07	5.44 ± 0.47	1.46 ± 0.18
bn120411925	1.46E-06 ± 2.75E-08	4.24 ± 1.13	2.85 ± 0.41	1.74 ± 0.22
bn120412055	1.25E-06 ± 8.58E-08	3.90 ± 1.07	2.78 ± 0.47	2.23 ± 0.21
bn120412920	7.03E-06 ± 5.27E-08	9.52 ± 1.42	8.25 ± 0.66	7.70 ± 0.33
bn120415076	2.23E-06 ± 5.69E-08	5.48 ± 1.00	4.80 ± 0.53	4.47 ± 0.26
bn120415891	1.30E-07 ± 9.03E-09	4.57 ± 1.11	4.56 ± 0.37	1.99 ± 0.18
bn120415958	2.31E-06 ± 5.47E-08	9.74 ± 2.34	6.93 ± 1.06	5.97 ± 0.50
bn120420249	2.88E-06 ± 5.99E-08	6.53 ± 1.35	5.36 ± 0.58	4.55 ± 0.29
bn120420858	4.33E-05 ± 2.14E-07	6.83 ± 1.42	6.09 ± 0.72	4.81 ± 0.33
bn120426090	2.10E-05 ± 2.26E-08	93.51 ± 3.39	89.82 ± 1.67	82.30 ± 0.80
bn120426585	3.66E-06 ± 4.17E-08	5.36 ± 1.21	3.40 ± 0.38	2.35 ± 0.20
bn120427054	7.43E-06 ± 3.89E-08	18.71 ± 1.68	16.61 ± 0.79	14.85 ± 0.37
bn120427153	6.81E-07 ± 3.74E-08	3.07 ± 1.06	2.67 ± 0.45	1.71 ± 0.22
bn120429003	2.79E-07 ± 2.36E-08	5.18 ± 1.11	4.07 ± 0.47	3.10 ± 0.24
bn120429484	2.37E-06 ± 1.75E-08	4.94 ± 0.99	3.42 ± 0.46	3.06 ± 0.22
bn120430980	5.56E-07 ± 2.07E-08	3.01 ± 1.07	2.19 ± 0.45	1.66 ± 0.23
bn120504468	3.36E-06 ± 2.63E-08	5.37 ± 1.12	3.44 ± 0.47	2.44 ± 0.22
bn120504945	1.67E-06 ± 2.71E-08	4.98 ± 1.33	3.09 ± 0.53	2.43 ± 0.24
bn120506128	2.87E-07 ± 2.51E-08	4.03 ± 1.07	2.86 ± 0.48	2.42 ± 0.22

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120509619	1.55E-07 ± 1.35E-08	3.59 ± 0.85	3.27 ± 0.40	1.51 ± 0.19
bn120510900	6.01E-06 ± 7.63E-08	5.46 ± 1.82	3.95 ± 0.69	2.82 ± 0.31
bn120511638	1.14E-05 ± 9.51E-08	9.92 ± 2.66	6.66 ± 0.97	4.68 ± 0.42
bn120512112	1.24E-05 ± 7.12E-08	8.74 ± 1.11	7.42 ± 0.48	6.93 ± 0.24
bn120513531	1.31E-06 ± 3.78E-08	3.88 ± 1.01	2.94 ± 0.44	1.97 ± 0.20
bn120519721	9.59E-07 ± 1.67E-08	12.71 ± 1.40	9.13 ± 0.57	6.49 ± 0.26
bn120520949	4.41E-07 ± 1.41E-08	1.70 ± 0.35	1.32 ± 0.18	1.06 ± 0.09
bn120521380	3.11E-06 ± 7.23E-08	4.87 ± 1.68	2.37 ± 0.51	1.55 ± 0.23
bn120522361	9.32E-06 ± 5.08E-08	17.02 ± 2.16	16.33 ± 1.08	15.23 ± 0.52
bn120524134	2.53E-07 ± 1.51E-08	17.66 ± 2.02	13.20 ± 1.00	4.52 ± 0.35
bn120526303	1.16E-04 ± 2.28E-07	23.79 ± 5.80	19.76 ± 2.39	15.69 ± 1.10
bn120528442	3.79E-06 ± 4.57E-08	7.41 ± 1.35	6.55 ± 0.44	5.55 ± 0.27
bn120530121	7.17E-06 ± 5.01E-08	7.11 ± 1.53	5.84 ± 0.66	5.09 ± 0.31
bn120531393	9.10E-07 ± 1.79E-08	3.44 ± 1.10	2.28 ± 0.40	1.86 ± 0.21
bn120603439	6.79E-07 ± 2.69E-08	13.70 ± 1.26	9.74 ± 0.57	3.23 ± 0.25
bn120604220	1.23E-06 ± 5.10E-08	6.72 ± 1.23	5.90 ± 0.65	3.52 ± 0.25
bn120604343	1.51E-06 ± 7.23E-08	4.11 ± 1.40	3.36 ± 0.25	2.40 ± 0.19
bn120605453	3.25E-06 ± 5.42E-08	12.14 ± 1.68	11.41 ± 0.80	9.65 ± 0.38
bn120608489	4.83E-07 ± 2.14E-08	6.82 ± 1.27	6.21 ± 0.53	3.26 ± 0.25
bn120608777	3.17E-06 ± 4.30E-08	4.99 ± 1.46	4.42 ± 0.48	3.66 ± 0.21
bn120609580	4.20E-07 ± 2.53E-08	5.05 ± 1.11	4.08 ± 0.52	3.68 ± 0.24
bn120611108	4.53E-06 ± 4.85E-08	8.10 ± 1.25	6.63 ± 0.55	4.53 ± 0.24
bn120612680	2.06E-06 ± 2.72E-08	5.47 ± 1.40	3.81 ± 0.55	2.26 ± 0.26
bn120612687	7.05E-07 ± 2.22E-08	11.04 ± 1.23	7.68 ± 0.49	2.58 ± 0.23
bn120616630	2.58E-07 ± 1.16E-08	7.23 ± 1.06	2.85 ± 0.52	0.77 ± 0.23
bn120618128	5.58E-06 ± 6.84E-08	6.14 ± 1.06	4.94 ± 0.41	4.67 ± 0.40
bn120618919	3.63E-06 ± 5.69E-08	8.67 ± 1.94	7.55 ± 0.98	4.45 ± 0.39
bn120619884	4.24E-07 ± 3.02E-08	4.15 ± 0.99	3.38 ± 0.41	1.80 ± 0.18
bn120624309	5.14E-06 ± 7.61E-08	76.84 ± 2.17	57.22 ± 1.06	19.40 ± 0.38
bn120624933	1.92E-04 ± 1.98E-07	21.25 ± 1.26	19.76 ± 0.63	17.67 ± 0.30
bn120625119	1.02E-05 ± 4.25E-08	22.07 ± 1.94	19.94 ± 0.93	18.37 ± 0.46
bn120629565	5.19E-08 ± 1.21E-08	3.39 ± 0.87	2.11 ± 0.36	0.98 ± 0.17
bn120701654	8.36E-08 ± 6.30E-08	6.68 ± 2.13	4.50 ± 1.02	1.76 ± 0.45
bn120702891	1.60E-06 ± 5.81E-08	3.16 ± 1.10	2.31 ± 0.40	1.68 ± 0.21
bn120703417	1.11E-05 ± 5.19E-08	10.06 ± 1.36	8.28 ± 0.63	7.64 ± 0.32
bn120703498	2.60E-06 ± 5.35E-08	4.80 ± 1.37	3.95 ± 0.54	2.54 ± 0.27
bn120703726	8.33E-06 ± 9.83E-08	19.75 ± 1.19	18.73 ± 0.61	17.18 ± 0.30
bn120707800	9.36E-05 ± 7.07E-07	76.70 ± 7.13	67.09 ± 3.37	60.33 ± 1.59
bn120709883	1.37E-05 ± 3.75E-08	18.35 ± 1.41	15.39 ± 0.65	11.05 ± 0.29
bn120710100	5.34E-06 ± 2.12E-08	6.56 ± 1.35	4.64 ± 0.55	3.80 ± 0.25

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Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120711115	1.94E-04 ± 2.28E-07	44.67 ± 2.81	31.57 ± 1.22	26.72 ± 0.58
bn120711446	1.86E-06 ± 2.04E-08	3.83 ± 1.18	2.26 ± 0.36	1.28 ± 0.17
bn120712571	4.43E-06 ± 4.51E-08	5.51 ± 1.11	3.84 ± 0.49	3.49 ± 0.22
bn120713226	1.13E-06 ± 1.07E-07	4.39 ± 1.28	2.70 ± 0.51	2.39 ± 0.25
bn120715066	2.20E-06 ± 3.63E-08	4.91 ± 1.14	3.56 ± 0.50	2.61 ± 0.22
bn120716577	5.22E-06 ± 1.25E-07	6.00 ± 1.91	3.81 ± 0.62	3.45 ± 0.32
bn120716712	1.27E-05 ± 3.22E-08	15.75 ± 1.52	14.56 ± 0.74	8.91 ± 0.32
bn120719146	1.35E-05 ± 8.35E-08	8.23 ± 1.48	6.81 ± 0.72	5.80 ± 0.33
bn120727354	1.09E-07 ± 2.16E-08	3.04 ± 0.87	1.75 ± 0.42	1.14 ± 0.20
bn120727681	9.23E-06 ± 7.38E-08	18.27 ± 1.66	16.82 ± 0.78	15.74 ± 0.38
bn120728434	1.16E-04 ± 2.54E-06	46.75 ± 2.51	43.49 ± 1.19	40.87 ± 0.58
bn120728934	3.74E-06 ± 4.60E-08	5.88 ± 1.51	4.94 ± 0.35	3.58 ± 0.28
bn120729456	5.08E-06 ± 5.30E-08	6.61 ± 1.28	5.76 ± 0.61	5.20 ± 0.30
bn120801920	3.34E-05 ± 2.63E-07	34.72 ± 30.71	21.06 ± 8.16	15.96 ± 2.58
bn120805706	1.88E-07 ± 1.96E-08	2.72 ± 1.03	2.43 ± 0.35	2.04 ± 0.23
bn120806007	4.90E-06 ± 3.69E-08	9.52 ± 1.26	8.65 ± 0.61	7.72 ± 0.30
bn120811014	2.27E-06 ± 1.94E-08	20.99 ± 1.31	12.05 ± 0.59	4.64 ± 0.24
bn120811649	3.45E-06 ± 2.11E-07	13.67 ± 2.82	11.64 ± 0.70	7.70 ± 0.45
bn120814201	3.83E-07 ± 3.94E-08	10.74 ± 2.64	7.86 ± 1.10	5.15 ± 0.49
bn120814803	1.28E-07 ± 3.48E-08	3.89 ± 0.82	2.70 ± 0.34	0.61 ± 0.14
bn120817057	1.04E-06 ± 2.96E-08	4.05 ± 1.17	2.40 ± 0.46	1.20 ± 0.23
bn120817168	1.79E-06 ± 1.02E-08	47.03 ± 2.08	20.85 ± 0.76	5.80 ± 0.25
bn120819048	1.33E-06 ± 3.27E-08	4.83 ± 1.08	3.23 ± 0.42	2.61 ± 0.22
bn120820585	6.98E-06 ± 2.93E-08	11.99 ± 9.88	11.99 ± 2.47	4.36 ± 0.64
bn120822628	1.09E-07 ± 1.70E-08	3.36 ± 0.92	2.07 ± 0.44	1.29 ± 0.19
bn120824594	5.92E-06 ± 4.16E-08	3.63 ± 1.28	2.39 ± 0.50	1.69 ± 0.21
bn120827216	3.37E-06 ± 9.12E-08	8.11 ± 1.85	6.00 ± 0.69	5.01 ± 0.34
bn120830212	7.52E-06 ± 2.36E-07	14.84 ± 2.02	13.56 ± 0.97	8.66 ± 0.45
bn120830297	3.07E-06 ± 2.72E-08	10.50 ± 0.93	9.01 ± 0.51	7.19 ± 0.24
bn120830702	5.66E-06 ± 3.34E-08	6.57 ± 1.16	5.51 ± 0.53	4.36 ± 0.23
bn120831901	2.51E-07 ± 2.95E-08	9.95 ± 1.35	5.85 ± 0.60	1.93 ± 0.25
bn120905657	1.96E-05 ± 6.32E-07	5.09 ± 1.03	3.82 ± 0.48	3.55 ± 0.23
bn120907017	8.09E-07 ± 4.08E-08	7.56 ± 1.95	6.60 ± 0.91	4.28 ± 0.36
bn120908873	1.27E-05 ± 8.54E-08	9.02 ± 1.74	6.88 ± 0.79	6.20 ± 0.39
bn120908938	5.16E-06 ± 1.12E-07	5.19 ± 2.37	3.55 ± 0.52	2.60 ± 0.24
bn120909070	9.85E-06 ± 1.54E-07	4.38 ± 1.01	3.83 ± 0.34	3.03 ± 0.19
bn120911298	2.34E-06 ± 4.25E-08	6.98 ± 1.60	5.76 ± 0.64	4.31 ± 0.27
bn120913846	1.56E-06 ± 2.56E-08	6.45 ± 1.36	5.24 ± 0.49	4.44 ± 0.24
bn120913997	2.03E-05 ± 7.55E-08	7.39 ± 1.25	6.33 ± 0.61	5.27 ± 0.28
bn120914144	7.35E-07 ± 3.53E-08	4.80 ± 1.11	4.25 ± 0.64	3.58 ± 0.30

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Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120915000	5.05E-07 ± 2.55E-08	6.04 ± 0.93	4.42 ± 0.48	2.25 ± 0.22
bn120915474	3.83E-07 ± 2.47E-08	3.71 ± 1.11	2.04 ± 0.44	1.24 ± 0.21
bn120916085	7.33E-08 ± 1.04E-08	4.14 ± 0.85	2.47 ± 0.30	1.13 ± 0.15
bn120916173	1.42E-05 ± 5.38E-08	3.57 ± 1.17	12.89 ± 0.68	10.22 ± 0.30
bn120919052	2.07E-05 ± 3.81E-08	13.73 ± 1.29	12.15 ± 0.62	8.99 ± 0.30
bn120919309	1.68E-05 ± 5.24E-08	28.14 ± 1.47	27.57 ± 0.72	24.52 ± 0.34
bn120919816	1.14E-06 ± 2.21E-08	5.68 ± 1.05	4.46 ± 0.48	3.14 ± 0.22
bn120920003	1.00E-06 ± 3.15E-08	3.32 ± 1.00	1.80 ± 0.39	1.14 ± 0.18
bn120921877	2.48E-06 ± 3.10E-08	12.34 ± 1.49	11.75 ± 0.77	10.32 ± 0.39
bn120922939	8.21E-06 ± 1.69E-07	5.63 ± 1.43	4.29 ± 0.70	3.41 ± 0.28
bn120926335	2.48E-06 ± 4.82E-08	18.62 ± 1.35	15.84 ± 0.65	12.04 ± 0.34
bn120926426	4.38E-06 ± 9.17E-08	6.99 ± 1.45	5.21 ± 0.66	3.94 ± 0.30
bn120926753	1.88E-07 ± 2.43E-08	3.49 ± 1.01	1.55 ± 0.49	1.18 ± 0.21
bn121004211	3.79E-07 ± 1.06E-08	5.84 ± 1.24	4.67 ± 0.60	3.48 ± 0.27
bn121005030	3.73E-06 ± 6.35E-08	7.10 ± 1.98	3.80 ± 0.96	2.78 ± 0.34
bn121005340	5.17E-06 ± 5.38E-08	4.37 ± 1.11	3.28 ± 0.35	2.67 ± 0.21
bn121008424	3.92E-07 ± 1.09E-08	4.86 ± 1.34	3.87 ± 0.62	2.73 ± 0.26
bn121011469	3.98E-06 ± 3.63E-08	3.73 ± 1.03	2.70 ± 0.43	2.17 ± 0.20
bn121012724	1.27E-06 ± 1.00E-08	12.41 ± 1.09	10.55 ± 0.52	4.31 ± 0.19
bn121014638	1.30E-07 ± 2.16E-08	3.27 ± 0.99	3.03 ± 0.43	1.38 ± 0.18
bn121019233	5.89E-07 ± 8.36E-08	4.43 ± 1.13	1.97 ± 0.32	1.23 ± 0.20
bn121023322	7.73E-07 ± 3.83E-08	11.02 ± 1.38	8.58 ± 0.63	4.62 ± 0.27
bn121027038	7.39E-06 ± 6.53E-08	7.16 ± 1.95	4.74 ± 0.75	2.92 ± 0.38
bn121028280	9.98E-07 ± 2.83E-08	4.56 ± 1.25	3.47 ± 0.54	2.77 ± 0.25
bn121029350	7.81E-06 ± 5.80E-08	18.10 ± 1.17	16.01 ± 0.58	13.25 ± 0.30
bn121031949	1.45E-05 ± 1.38E-07	16.43 ± 19.41	9.06 ± 2.14	7.44 ± 0.74
bn121102064	5.67E-07 ± 6.23E-08	3.27 ± 1.18	2.54 ± 0.41	1.98 ± 0.24
bn121104627	4.45E-06 ± 1.17E-07	4.83 ± 1.09	3.55 ± 0.51	3.28 ± 0.24
bn121109338	5.34E-06 ± 6.54E-08	6.17 ± 1.67	5.04 ± 0.67	4.30 ± 0.32
bn121112806	2.23E-07 ± 3.22E-08	3.74 ± 0.78	2.43 ± 0.38	1.45 ± 0.17
bn121113544	2.68E-05 ± 7.82E-08	10.81 ± 1.41	9.31 ± 0.69	7.40 ± 0.31
bn121116459	4.92E-07 ± 1.38E-08	7.26 ± 1.28	5.19 ± 0.79	3.33 ± 0.35
bn121117018	1.06E-05 ± 6.82E-08	6.20 ± 0.98	5.50 ± 0.52	4.64 ± 0.24
bn121118576	6.71E-06 ± 3.54E-08	29.94 ± 1.51	23.62 ± 0.73	11.60 ± 0.31
bn121119579	8.81E-07 ± 2.36E-08	9.58 ± 1.27	8.01 ± 0.61	5.37 ± 0.28
bn121122564	8.15E-07 ± 1.79E-08	6.13 ± 1.09	5.39 ± 0.52	4.40 ± 0.21
bn121122870	9.07E-06 ± 5.99E-08	7.22 ± 1.23	6.62 ± 0.43	5.12 ± 0.27
bn121122885	3.85E-05 ± 1.55E-07	46.51 ± 8.06	41.88 ± 3.42	36.72 ± 1.65
bn121123421	2.20E-05 ± 7.88E-07	5.55 ± 1.11	4.67 ± 0.51	4.00 ± 0.25
bn121123442	1.42E-05 ± 1.03E-07	8.98 ± 1.33	7.78 ± 0.53	6.36 ± 0.29

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn121124606	5.66E-08 ± 1.42E-08	5.33 ± 1.25	2.83 ± 0.55	0.85 ± 0.22
bn121125356	6.56E-06 ± 6.75E-08	6.57 ± 1.30	5.29 ± 0.55	4.16 ± 0.26
bn121125469	8.57E-07 ± 2.65E-08	3.28 ± 1.01	3.08 ± 0.48	2.24 ± 0.19
bn121127914	1.58E-06 ± 4.98E-08	20.36 ± 1.66	13.63 ± 0.81	4.63 ± 0.30
bn121128212	9.30E-06 ± 1.14E-07	26.18 ± 2.35	22.69 ± 1.13	17.89 ± 0.52
bn121202181	2.01E-06 ± 5.13E-08	4.09 ± 1.34	3.64 ± 0.25	1.95 ± 0.17
bn121205507	1.33E-07 ± 7.51E-09	3.98 ± 1.36	2.53 ± 0.48	1.08 ± 0.22
bn121210081	2.02E-06 ± 6.07E-08	5.26 ± 1.53	3.09 ± 0.36	1.81 ± 0.21
bn121211574	6.41E-07 ± 3.95E-08	4.30 ± 1.07	3.00 ± 0.51	2.37 ± 0.24
bn121211695	1.34E-06 ± 3.65E-08	6.24 ± 1.16	5.01 ± 0.52	4.58 ± 0.24
bn121216419	3.85E-07 ± 2.48E-08	3.50 ± 1.07	2.94 ± 0.44	1.85 ± 0.20
bn121217313	6.77E-06 ± 6.56E-08	5.23 ± 1.24	3.80 ± 0.59	3.36 ± 0.27
bn121220311	4.53E-07 ± 2.78E-08	2.73 ± 0.93	1.75 ± 0.49	1.21 ± 0.19
bn121221916	5.04E-06 ± 4.99E-08	6.01 ± 1.05	4.51 ± 0.35	3.97 ± 0.22
bn121223300	7.02E-06 ± 1.99E-08	9.40 ± 1.07	8.29 ± 0.49	7.74 ± 0.24
bn121225417	6.96E-05 ± 1.91E-07	29.88 ± 1.81	27.92 ± 0.89	23.61 ± 0.41
bn121229533	3.51E-06 ± 3.71E-08	6.09 ± 1.16	4.29 ± 0.46	3.64 ± 0.24
bn121231445	2.94E-06 ± 7.22E-08	5.98 ± 1.25	3.79 ± 0.52	2.79 ± 0.26
bn130104721	5.67E-06 ± 5.63E-08	8.80 ± 1.23	7.77 ± 0.61	6.68 ± 0.29
bn130106829	1.59E-06 ± 4.32E-08	4.54 ± 1.07	3.83 ± 0.50	3.37 ± 0.24
bn130106995	1.54E-05 ± 6.80E-08	10.51 ± 1.80	8.60 ± 0.70	7.37 ± 0.44
bn130109206	2.54E-06 ± 6.78E-08	8.80 ± 1.11	7.85 ± 0.54	6.76 ± 0.26
bn130112286	2.61E-06 ± 4.69E-08	9.64 ± 1.12	8.47 ± 0.54	5.70 ± 0.24
bn130112353	1.24E-06 ± 2.98E-08	8.60 ± 1.17	6.73 ± 0.56	4.42 ± 0.25
bn130114019	1.11E-06 ± 7.53E-08	4.92 ± 1.04	4.11 ± 0.51	3.03 ± 0.22
bn130115716	2.72E-06 ± 3.21E-08	5.62 ± 1.10	4.14 ± 0.55	3.44 ± 0.24
bn130116415	9.27E-07 ± 3.48E-08	5.19 ± 1.49	2.83 ± 0.65	1.60 ± 0.25
bn130117087	2.85E-06 ± 3.54E-08	4.29 ± 1.27	2.47 ± 0.45	1.73 ± 0.21
bn130118482	8.28E-07 ± 3.77E-08	3.27 ± 1.04	3.27 ± 0.26	1.47 ± 0.23
bn130121835	4.34E-05 ± 1.11E-07	31.74 ± 2.50	28.96 ± 1.25	22.76 ± 0.59
bn130123843	1.49E-06 ± 3.34E-08	5.71 ± 1.25	4.99 ± 0.59	4.12 ± 0.27
bn130127299	1.02E-06 ± 5.89E-08	3.40 ± 1.14	2.48 ± 0.37	1.67 ± 0.23
bn130127743	2.32E-07 ± 1.13E-08	7.31 ± 0.88	3.64 ± 0.34	0.79 ± 0.12
bn130131511	3.92E-05 ± 7.16E-08	11.41 ± 1.68	9.72 ± 0.77	7.68 ± 0.35
bn130204484	2.81E-07 ± 1.09E-08	9.12 ± 1.02	4.30 ± 0.46	1.12 ± 0.18
bn130206482	7.16E-06 ± 6.08E-08	16.76 ± 1.20	16.12 ± 0.59	14.59 ± 0.29
bn130206817	2.57E-06 ± 7.05E-08	5.72 ± 1.66	3.97 ± 0.64	2.14 ± 0.24
bn130208684	2.25E-06 ± 5.01E-08	3.66 ± 0.90	2.75 ± 0.40	2.06 ± 0.18
bn130209961	6.12E-06 ± 1.87E-08	13.41 ± 1.35	11.63 ± 0.62	7.89 ± 0.28
bn130213905	9.87E-07 ± 4.97E-08	3.82 ± 1.25	2.63 ± 0.63	2.02 ± 0.26

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Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130214137	1.59E-06 ± 1.07E-07	3.11 ± 1.15	1.94 ± 0.37	1.43 ± 0.18
bn130214800	5.98E-06 ± 9.10E-08	10.35 ± 1.36	9.08 ± 0.56	8.28 ± 0.28
bn130215063	1.86E-05 ± 3.27E-07	5.18 ± 1.15	4.39 ± 0.56	3.47 ± 0.28
bn130215649	2.15E-05 ± 6.04E-08	10.86 ± 2.28	9.80 ± 0.92	8.46 ± 0.44
bn130216790	4.89E-06 ± 3.57E-08	20.26 ± 1.99	19.39 ± 0.98	15.25 ± 0.42
bn130216927	5.92E-06 ± 6.06E-08	12.57 ± 1.25	10.30 ± 0.60	9.20 ± 0.29
bn130217688	1.10E-06 ± 5.45E-08	6.98 ± 1.35	5.68 ± 0.65	4.54 ± 0.31
bn130218261	9.43E-06 ± 1.06E-07	11.60 ± 2.66	9.76 ± 1.24	8.05 ± 0.52
bn130219197	3.19E-05 ± 1.03E-07	6.55 ± 2.43	5.40 ± 0.42	4.58 ± 0.25
bn130219626	2.03E-07 ± 1.98E-08	6.47 ± 1.13	3.58 ± 0.49	1.04 ± 0.20
bn130219775	2.85E-05 ± 7.33E-08	17.11 ± 1.62	15.76 ± 0.76	15.03 ± 0.37
bn130220964	7.24E-06 ± 4.58E-08	28.42 ± 1.54	27.53 ± 0.77	25.27 ± 0.37
bn130224370	4.96E-06 ± 5.94E-08	5.96 ± 1.09	5.04 ± 0.50	3.96 ± 0.22
bn130228111	8.28E-06 ± 5.69E-08	8.16 ± 1.27	5.61 ± 0.61	5.16 ± 0.31
bn130228212	1.66E-05 ± 6.54E-08	37.32 ± 4.54	32.59 ± 2.09	26.78 ± 1.00
bn130304410	3.70E-05 ± 9.15E-08	16.53 ± 3.77	12.17 ± 1.28	9.69 ± 0.57
bn130304658	1.62E-06 ± 4.08E-08	4.97 ± 1.61	3.36 ± 0.66	2.58 ± 0.31
bn130305486	4.65E-05 ± 7.18E-08	30.10 ± 1.54	27.55 ± 0.76	26.77 ± 0.38
bn130305526	1.52E-06 ± 4.61E-08	3.55 ± 0.90	2.09 ± 0.29	1.08 ± 0.20
bn130306991	1.25E-04 ± 7.20E-07	42.10 ± 8.11	36.36 ± 2.77	29.42 ± 1.62
bn130307126	4.79E-07 ± 6.81E-09	9.93 ± 1.15	8.25 ± 0.47	3.61 ± 0.17
bn130307238	3.97E-06 ± 5.85E-08	5.24 ± 1.67	3.45 ± 0.59	2.43 ± 0.28
bn130310840	1.13E-05 ± 6.71E-08	172.82 ± 3.36	90.41 ± 1.25	39.29 ± 0.45
bn130314147	1.46E-05 ± 4.67E-08	7.49 ± 1.36	5.34 ± 0.40	4.80 ± 0.26
bn130318456	3.20E-06 ± 4.87E-08	7.38 ± 1.95	5.61 ± 0.74	3.88 ± 0.40
bn130320560	5.78E-05 ± 1.18E-06	176.29 ± 5.92	169.87 ± 2.10	162.95 ± 0.86
bn130324042	2.06E-06 ± 3.05E-08	3.41 ± 1.35	1.95 ± 0.41	1.26 ± 0.17
bn130325005	5.66E-08 ± 1.39E-08	6.13 ± 1.04	2.53 ± 0.41	0.86 ± 0.17
bn130325203	7.44E-06 ± 2.94E-08	15.29 ± 1.13	14.40 ± 0.55	12.70 ± 0.26
bn130327350	5.20E-05 ± 8.06E-08	16.77 ± 1.31	14.51 ± 0.67	12.59 ± 0.32
bn130331566	9.33E-06 ± 5.05E-08	17.76 ± 2.09	16.30 ± 0.87	14.69 ± 0.47
bn130403866	1.09E-06 ± 6.93E-08	4.63 ± 2.40	1.80 ± 0.42	1.30 ± 0.21
bn130404428	8.43E-07 ± 4.45E-08	7.02 ± 1.08	5.44 ± 0.57	4.07 ± 0.26
bn130404840	8.36E-06 ± 5.95E-08	14.61 ± 1.67	12.77 ± 0.79	11.24 ± 0.37
bn130404877	2.20E-07 ± 5.61E-08	4.09 ± 1.05	2.82 ± 0.46	1.22 ± 0.19
bn130406288	2.92E-06 ± 5.14E-08	20.01 ± 1.60	15.99 ± 0.77	12.84 ± 0.36
bn130406334	3.21E-06 ± 1.06E-07	7.46 ± 1.65	5.07 ± 0.66	3.65 ± 0.34
bn130406354	2.98E-07 ± 2.90E-08	3.45 ± 1.17	1.92 ± 0.38	1.34 ± 0.15
bn130407800	1.75E-06 ± 4.95E-08	2.76 ± 0.87	2.53 ± 0.40	1.58 ± 0.18
bn130408653	2.05E-06 ± 4.83E-08	8.24 ± 1.66	7.58 ± 0.80	5.76 ± 0.37

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130409960	7.87E-06 ± 5.19E-08	10.56 ± 1.33	9.89 ± 0.64	8.73 ± 0.30
bn130416690	2.81E-07 ± 1.62E-08	3.22 ± 0.83	2.03 ± 0.42	1.51 ± 0.17
bn130416770	9.39E-07 ± 1.79E-08	23.59 ± 1.43	10.36 ± 0.59	3.20 ± 0.24
bn130418844	5.98E-06 ± 3.39E-08	8.27 ± 1.35	5.56 ± 0.64	4.71 ± 0.28
bn130420313	1.16E-05 ± 2.43E-07	9.28 ± 2.11	6.74 ± 0.92	5.41 ± 0.46
bn130420343	8.92E-06 ± 6.06E-08	10.52 ± 1.25	8.17 ± 0.38	7.60 ± 0.25
bn130420422	3.77E-06 ± 4.59E-08	8.87 ± 1.90	6.94 ± 0.80	5.38 ± 0.37
bn130420539	1.60E-06 ± 5.77E-08	3.90 ± 1.18	2.69 ± 0.39	2.40 ± 0.21
bn130425327	4.17E-05 ± 1.59E-07	29.09 ± 4.80	25.37 ± 2.28	23.72 ± 1.14
bn130427324	2.46E-03 ± 1.24E-06	1259.22 ± 10.51	1210.15 ± 4.85	1051.86 ± 2.21
bn130502327	1.05E-04 ± 6.43E-08	81.85 ± 2.51	70.17 ± 1.18	45.81 ± 0.49
bn130502743	6.27E-07 ± 3.47E-08	6.60 ± 1.44	6.33 ± 0.72	3.98 ± 0.32
bn130503214	3.86E-08 ± 8.88E-09	5.26 ± 1.05	1.80 ± 0.34	0.40 ± 0.13
bn130504314	4.81E-06 ± 3.39E-08	40.48 ± 2.25	30.94 ± 0.94	12.43 ± 0.32
bn130504978	1.29E-04 ± 2.32E-07	53.42 ± 2.16	51.26 ± 1.07	43.29 ± 0.52
bn130505955	9.87E-06 ± 2.82E-07	6.61 ± 1.36	5.20 ± 0.62	4.09 ± 0.27
bn130507545	4.27E-06 ± 4.67E-08	4.66 ± 1.09	3.67 ± 0.50	2.62 ± 0.23
bn130509078	9.01E-06 ± 6.05E-08	16.97 ± 1.77	14.51 ± 0.81	13.23 ± 0.39
bn130509839	1.52E-06 ± 2.08E-08	3.65 ± 1.43	1.84 ± 0.44	1.27 ± 0.21
bn130510877	3.21E-06 ± 7.18E-08	6.03 ± 1.48	4.93 ± 0.64	3.70 ± 0.30
bn130514560	2.27E-06 ± 4.58E-08	9.23 ± 2.00	7.06 ± 0.83	6.46 ± 0.43
bn130515056	1.09E-06 ± 1.58E-08	20.60 ± 2.33	12.90 ± 1.03	3.73 ± 0.35
bn130515430	1.01E-06 ± 4.32E-08	4.60 ± 1.76	2.13 ± 0.56	1.37 ± 0.24
bn130515755	6.80E-07 ± 2.28E-08	5.55 ± 1.21	5.12 ± 0.51	4.24 ± 0.26
bn130517781	1.97E-05 ± 7.86E-08	11.89 ± 1.54	10.29 ± 0.71	9.41 ± 0.34
bn130518551	3.73E-06 ± 4.91E-08	19.81 ± 1.08	13.64 ± 0.51	7.39 ± 0.23
bn130518580	9.46E-05 ± 1.54E-07	53.97 ± 1.83	49.76 ± 0.91	45.39 ± 0.44
bn130522510	3.99E-06 ± 3.33E-08	10.52 ± 1.40	8.85 ± 0.67	7.08 ± 0.27
bn130523095	6.03E-06 ± 5.79E-08	14.47 ± 2.04	12.78 ± 0.94	11.05 ± 0.45
bn130523198	2.71E-06 ± 3.10E-08	13.45 ± 1.37	10.50 ± 0.67	9.41 ± 0.31
bn130527627	1.09E-05 ± 5.76E-08	6.96 ± 1.30	5.11 ± 0.60	4.48 ± 0.27
bn130528503	3.33E-06 ± 2.50E-08	4.51 ± 1.24	3.94 ± 0.57	3.03 ± 0.24
bn130528695	1.11E-05 ± 1.20E-07	7.54 ± 1.38	6.74 ± 0.60	5.67 ± 0.27
bn130530719	6.33E-06 ± 3.94E-08	8.74 ± 1.55	6.00 ± 0.64	4.59 ± 0.29
bn130604033	1.75E-05 ± 1.31E-07	20.00 ± 1.66	16.84 ± 0.79	13.24 ± 0.37
bn130606316	9.36E-06 ± 3.93E-08	15.37 ± 1.40	13.81 ± 0.68	11.40 ± 0.32
bn130606497	2.01E-04 ± 2.05E-07	79.36 ± 2.55	71.32 ± 1.22	62.14 ± 0.58
bn130609129	1.06E-06 ± 8.22E-08	4.31 ± 1.00	3.63 ± 0.51	3.20 ± 0.23
bn130609902	5.44E-05 ± 3.30E-07	18.61 ± 1.82	16.81 ± 0.90	14.36 ± 0.43
bn130610133	3.54E-06 ± 4.60E-08	5.21 ± 1.53	3.55 ± 0.60	2.86 ± 0.25

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130611538	7.44E-06 ± 1.00E-07	4.02 ± 1.26	2.70 ± 0.43	2.04 ± 0.22
bn130612141	6.80E-07 ± 6.26E-08	4.39 ± 1.14	4.21 ± 0.27	3.57 ± 0.17
bn130612456	8.33E-06 ± 4.04E-08	32.68 ± 1.88	31.13 ± 0.93	28.01 ± 0.44
bn130614997	6.72E-06 ± 9.66E-08	26.09 ± 1.87	24.08 ± 0.95	20.69 ± 0.45
bn130615398	2.74E-06 ± 1.52E-07	6.06 ± 1.84	3.66 ± 0.68	2.86 ± 0.37
bn130617564	2.41E-07 ± 1.83E-08	7.55 ± 2.19	6.21 ± 0.90	4.13 ± 0.41
bn130620498	1.18E-06 ± 5.58E-08	4.48 ± 0.91	3.72 ± 0.44	3.38 ± 0.21
bn130622615	4.32E-07 ± 2.80E-08	5.67 ± 1.05	4.56 ± 0.46	3.20 ± 0.21
bn130623130	9.45E-07 ± 1.83E-08	5.09 ± 1.16	3.41 ± 0.48	2.63 ± 0.25
bn130623396	1.07E-06 ± 4.83E-08	2.94 ± 0.89	1.72 ± 0.38	1.11 ± 0.18
bn130623488	2.46E-06 ± 3.00E-08	8.35 ± 1.28	6.83 ± 0.43	5.26 ± 0.23
bn130623699	7.04E-07 ± 3.66E-08	3.55 ± 1.43	2.75 ± 0.62	1.79 ± 0.28
bn130623790	8.69E-06 ± 5.45E-08	14.01 ± 1.80	11.77 ± 0.87	10.38 ± 0.42
bn130624093	5.19E-07 ± 2.09E-08	2.63 ± 0.97	1.48 ± 0.23	0.94 ± 0.10
bn130626452	2.34E-07 ± 8.39E-09	6.17 ± 1.08	4.27 ± 0.48	1.44 ± 0.22
bn130626596	4.82E-06 ± 3.27E-08	6.97 ± 1.29	5.16 ± 0.60	4.41 ± 0.29
bn130627372	1.58E-06 ± 2.41E-08	5.16 ± 1.38	4.22 ± 0.49	3.08 ± 0.27
bn130628531	8.87E-06 ± 6.04E-08	18.52 ± 1.32	17.33 ± 0.64	14.56 ± 0.32
bn130628860	1.03E-06 ± 9.79E-09	21.23 ± 1.55	8.26 ± 0.52	3.48 ± 0.21
bn130630272	1.65E-05 ± 6.95E-08	14.00 ± 2.04	11.05 ± 0.93	10.37 ± 0.46
bn130701060	7.12E-06 ± 9.84E-08	12.62 ± 2.23	11.52 ± 0.90	10.48 ± 0.45
bn130701761	4.92E-06 ± 2.64E-08	17.41 ± 1.26	11.88 ± 0.56	9.34 ± 0.25
bn130702004	5.72E-06 ± 1.21E-07	16.51 ± 4.69	12.66 ± 1.75	7.03 ± 0.86
bn130702951	7.53E-07 ± 3.98E-08	4.67 ± 1.78	2.24 ± 0.34	1.49 ± 0.17
bn130704560	2.43E-05 ± 5.42E-08	86.17 ± 2.85	75.86 ± 1.37	60.74 ± 0.65
bn130705398	2.12E-07 ± 2.34E-08	6.16 ± 1.01	3.51 ± 0.42	1.03 ± 0.17
bn130706900	1.86E-07 ± 2.12E-08	7.49 ± 0.98	3.57 ± 0.44	0.76 ± 0.17
bn130707505	1.05E-05 ± 1.07E-07	9.21 ± 2.60	6.75 ± 1.08	4.73 ± 0.47
bn130708488	2.53E-06 ± 2.70E-08	5.83 ± 1.20	4.51 ± 0.56	3.55 ± 0.24
bn130715906	4.11E-05 ± 1.70E-07	10.06 ± 1.29	8.31 ± 0.62	7.75 ± 0.31
bn130716352	2.99E-06 ± 5.63E-08	3.95 ± 1.33	1.98 ± 0.46	1.37 ± 0.21
bn130716442	6.40E-07 ± 8.86E-09	5.73 ± 0.90	4.66 ± 0.22	2.07 ± 0.17
bn130717734	1.87E-06 ± 4.66E-08	2.95 ± 1.14	2.61 ± 0.45	1.81 ± 0.20
bn130720116	4.24E-06 ± 4.89E-08	4.19 ± 1.36	3.13 ± 0.37	2.55 ± 0.18
bn130720582	1.00E-04 ± 1.53E-07	29.52 ± 1.93	26.76 ± 0.95	24.93 ± 0.46
bn130722021	1.48E-06 ± 4.66E-08	3.46 ± 1.17	1.87 ± 0.36	1.17 ± 0.19
bn130722990	5.99E-07 ± 2.57E-08	7.11 ± 1.25	6.70 ± 0.62	5.48 ± 0.23
bn130723092	8.71E-07 ± 3.05E-08	6.39 ± 1.20	5.55 ± 0.56	4.43 ± 0.27
bn130725527	5.18E-06 ± 6.10E-08	14.93 ± 1.06	13.58 ± 0.55	9.87 ± 0.25
bn130727698	8.16E-06 ± 6.36E-08	15.90 ± 2.65	13.57 ± 1.18	11.13 ± 0.56

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130730243	2.12E-06 ± 3.52E-08	5.27 ± 1.31	5.01 ± 0.62	3.96 ± 0.28
bn130802730	3.26E-07 ± 1.60E-08	8.86 ± 1.24	2.41 ± 0.42	0.66 ± 0.17
bn130803419	2.82E-06 ± 3.58E-08	9.65 ± 1.41	8.00 ± 0.66	7.07 ± 0.32
bn130804023	1.66E-06 ± 1.59E-08	40.68 ± 1.76	17.04 ± 0.67	7.44 ± 0.24
bn130808253	2.30E-07 ± 1.78E-08	20.76 ± 2.26	12.31 ± 0.96	3.58 ± 0.36
bn130811186	6.38E-06 ± 7.89E-08	6.50 ± 1.22	5.15 ± 0.57	4.31 ± 0.25
bn130813791	1.23E-06 ± 2.15E-08	6.38 ± 1.12	5.35 ± 0.49	3.17 ± 0.21
bn130815420	4.59E-05 ± 1.02E-07	10.74 ± 1.47	9.69 ± 0.75	7.98 ± 0.33
bn130815660	1.18E-05 ± 4.79E-08	34.53 ± 1.95	33.09 ± 0.93	30.67 ± 0.45
bn130816074	7.96E-07 ± 2.73E-08	3.20 ± 0.99	2.82 ± 0.30	1.95 ± 0.17
bn130818941	3.53E-06 ± 6.83E-08	9.94 ± 1.54	7.99 ± 0.64	6.25 ± 0.31
bn130819394	8.68E-06 ± 6.90E-08	5.53 ± 1.19	3.61 ± 0.48	2.63 ± 0.25
bn130821674	5.61E-05 ± 9.15E-08	44.11 ± 1.66	38.22 ± 0.80	27.87 ± 0.37
bn130828306	3.89E-05 ± 6.07E-08	10.46 ± 1.48	8.24 ± 0.68	6.65 ± 0.33
bn130828808	2.78E-06 ± 3.06E-08	10.94 ± 1.33	10.48 ± 0.63	8.89 ± 0.28
bn130829672	3.68E-06 ± 4.97E-08	13.77 ± 1.95	11.66 ± 0.91	10.31 ± 0.43
bn130830864	1.89E-06 ± 4.81E-08	3.34 ± 1.06	1.91 ± 0.45	1.40 ± 0.22
bn130830921	1.44E-06 ± 3.50E-08	4.91 ± 1.47	3.05 ± 0.64	2.27 ± 0.31
bn130831058	2.13E-06 ± 2.47E-08	3.69 ± 0.91	2.58 ± 0.41	2.05 ± 0.19
bn130903033	2.52E-06 ± 5.78E-08	3.95 ± 1.00	2.53 ± 0.33	1.34 ± 0.22
bn130905377	4.44E-06 ± 8.16E-08	4.99 ± 1.30	3.16 ± 0.38	2.60 ± 0.18
bn130906222	6.27E-07 ± 3.01E-08	3.68 ± 0.90	2.18 ± 0.44	1.68 ± 0.20
bn130906435	8.24E-07 ± 3.51E-08	3.30 ± 1.01	3.14 ± 0.43	2.10 ± 0.20
bn130907760	2.61E-07 ± 2.83E-08	3.37 ± 0.84	2.88 ± 0.41	1.84 ± 0.19
bn130908677	2.92E-06 ± 1.51E-07	3.35 ± 1.24	1.72 ± 0.42	1.17 ± 0.21
bn130909817	1.98E-06 ± 5.84E-08	3.30 ± 1.11	1.99 ± 0.46	1.45 ± 0.21
bn130912358	7.01E-07 ± 1.77E-08	15.56 ± 1.47	10.48 ± 0.70	4.37 ± 0.28
bn130919173	3.68E-07 ± 1.11E-08	17.51 ± 1.40	10.36 ± 0.59	3.94 ± 0.24
bn130919352	4.68E-06 ± 3.62E-08	4.20 ± 0.94	2.90 ± 0.39	1.77 ± 0.19
bn130919985	3.36E-06 ± 1.46E-07	4.71 ± 1.20	2.72 ± 0.65	1.93 ± 0.32
bn130924255	3.73E-06 ± 6.19E-08	6.95 ± 1.74	5.41 ± 0.78	4.60 ± 0.35
bn130924910	3.47E-07 ± 3.95E-08	3.79 ± 1.14	3.15 ± 0.42	2.46 ± 0.21
bn130925164	6.34E-07 ± 2.75E-08	5.88 ± 1.66	3.69 ± 0.62	2.47 ± 0.27
bn130925173	8.48E-05 ± 2.62E-07	14.11 ± 1.55	12.34 ± 0.72	11.39 ± 0.31
bn130925546	1.49E-05 ± 2.20E-07	9.33 ± 2.37	7.20 ± 0.96	5.77 ± 0.52
bn130928537	1.95E-05 ± 9.76E-08	9.95 ± 2.88	6.17 ± 0.98	5.02 ± 0.47
bn130929375	3.23E-07 ± 1.40E-08	4.22 ± 1.44	1.84 ± 0.44	1.42 ± 0.22
bn131002288	1.20E-06 ± 5.53E-08	8.67 ± 2.52	7.13 ± 0.74	2.96 ± 0.37
bn131004904	5.10E-07 ± 1.91E-08	9.82 ± 1.71	9.82 ± 0.43	6.77 ± 0.29
bn131006367	1.27E-07 ± 1.48E-08	4.02 ± 0.96	2.15 ± 0.47	0.57 ± 0.20

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn131006840	1.84E-06 ± 5.57E-08	4.85 ± 1.37	2.91 ± 0.56	2.11 ± 0.26
bn131008858	8.23E-06 ± 7.02E-08	7.63 ± 1.98	6.16 ± 0.89	5.29 ± 0.42
bn131011741	8.88E-06 ± 6.44E-08	6.71 ± 1.28	5.04 ± 0.51	4.68 ± 0.26
bn131014215	1.98E-04 ± 1.50E-07	450.28 ± 5.39	428.88 ± 2.64	311.48 ± 1.13
bn131014513	1.95E-06 ± 4.64E-08	6.87 ± 1.68	4.87 ± 0.69	3.75 ± 0.29
bn131018673	2.73E-06 ± 1.17E-07	3.91 ± 1.29	2.29 ± 0.47	1.69 ± 0.22
bn131020113	2.76E-07 ± 2.54E-08	2.49 ± 0.79	1.79 ± 0.44	1.56 ± 0.21
bn131021352	1.40E-06 ± 4.62E-08	12.50 ± 1.81	11.42 ± 0.89	6.46 ± 0.39
bn131024900	1.33E-06 ± 4.32E-08	3.70 ± 0.87	2.45 ± 0.37	1.58 ± 0.18
bn131028076	1.53E-04 ± 1.31E-07	65.83 ± 2.86	64.04 ± 1.39	61.89 ± 0.70
bn131028096	1.46E-06 ± 6.20E-08	6.59 ± 1.72	5.45 ± 0.68	3.44 ± 0.29
bn131029973	2.90E-05 ± 1.23E-07	6.27 ± 1.07	5.36 ± 0.48	4.62 ± 0.22
bn131029990	4.49E-06 ± 9.29E-08	4.12 ± 0.99	2.44 ± 0.47	2.05 ± 0.20
bn131030653	1.65E-06 ± 3.20E-08	3.99 ± 0.91	2.93 ± 0.37	1.87 ± 0.19
bn131030791	3.51E-06 ± 3.28E-08	5.31 ± 1.09	4.00 ± 0.50	3.80 ± 0.24
bn131031482	4.38E-06 ± 5.03E-08	16.84 ± 1.23	13.37 ± 0.57	10.17 ± 0.27
bn131102622	1.42E-06 ± 4.64E-08	4.12 ± 1.20	1.87 ± 0.43	1.06 ± 0.20
bn131105087	2.38E-05 ± 1.11E-07	12.08 ± 1.18	10.06 ± 0.57	8.40 ± 0.28
bn131108024	2.82E-06 ± 4.70E-08	9.26 ± 1.34	8.40 ± 0.71	6.80 ± 0.35
bn131108862	3.57E-05 ± 1.34E-07	36.09 ± 1.56	27.27 ± 0.78	19.72 ± 0.36
bn131110373	3.27E-06 ± 3.29E-08	3.47 ± 1.03	2.95 ± 0.48	2.24 ± 0.23
bn131113483	2.30E-05 ± 9.54E-08	9.23 ± 1.30	7.79 ± 0.60	7.05 ± 0.29
bn131117766	1.44E-05 ± 7.80E-08	5.09 ± 1.17	3.24 ± 0.43	2.79 ± 0.21
bn131118958	6.75E-05 ± 4.03E-07	20.75 ± 4.80	16.01 ± 1.65	12.51 ± 0.93
bn131119781	1.85E-06 ± 2.45E-08	4.06 ± 0.81	3.31 ± 0.41	2.28 ± 0.20
bn131122490	2.83E-05 ± 7.37E-08	19.48 ± 1.86	18.24 ± 0.93	15.73 ± 0.46
bn131123543	4.08E-07 ± 2.74E-08	6.65 ± 1.16	4.62 ± 0.51	2.82 ± 0.23
bn131125689	4.52E-07 ± 2.94E-08	7.23 ± 1.77	5.93 ± 0.77	3.45 ± 0.37
bn131126163	1.70E-06 ± 2.83E-08	36.03 ± 2.11	18.70 ± 0.85	4.77 ± 0.27
bn131127480	4.24E-06 ± 5.36E-08	3.78 ± 0.92	2.80 ± 0.30	1.99 ± 0.20
bn131127592	3.85E-05 ± 1.44E-07	47.42 ± 2.12	46.54 ± 1.06	37.55 ± 0.49
bn131127696	1.22E-06 ± 7.52E-08	3.94 ± 0.89	3.30 ± 0.45	2.72 ± 0.21
bn131128629	5.70E-07 ± 4.11E-08	5.64 ± 1.23	4.75 ± 0.54	3.75 ± 0.26
bn131202633	8.17E-07 ± 5.26E-08	3.66 ± 1.13	2.67 ± 0.50	1.69 ± 0.23
bn131202906	1.24E-05 ± 4.39E-08	7.87 ± 1.44	5.64 ± 0.57	4.74 ± 0.31
bn131204937	1.65E-06 ± 2.41E-08	5.11 ± 1.09	3.61 ± 0.52	2.08 ± 0.22
bn131209547	1.37E-05 ± 8.83E-08	10.24 ± 1.21	9.01 ± 0.55	7.97 ± 0.27
bn131209963	6.57E-07 ± 7.38E-08	5.33 ± 1.35	4.45 ± 0.66	3.32 ± 0.30
bn131211510	4.51E-06 ± 4.65E-08	5.78 ± 1.14	4.76 ± 0.50	3.98 ± 0.16
bn131212814	4.75E-07 ± 4.98E-08	3.22 ± 0.96	2.16 ± 0.27	1.56 ± 0.20

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn131214705	7.22E-05 ± 2.12E-07	54.20 ± 3.07	54.20 ± 0.77	51.16 ± 0.39
bn131215298	8.05E-06 ± 9.03E-08	7.84 ± 1.42	6.42 ± 0.65	5.33 ± 0.31
bn131216081	6.78E-06 ± 3.99E-08	9.43 ± 1.04	8.44 ± 0.49	7.89 ± 0.23
bn131217108	6.76E-07 ± 3.86E-08	8.16 ± 1.25	5.58 ± 0.55	3.49 ± 0.26
bn131217183	5.75E-06 ± 7.99E-08	13.09 ± 3.55	10.26 ± 1.24	6.80 ± 0.37
bn131217506	6.81E-07 ± 3.06E-08	7.32 ± 1.81	6.69 ± 0.77	5.11 ± 0.36
bn131229277	2.64E-05 ± 6.67E-08	30.75 ± 1.63	28.43 ± 0.80	24.02 ± 0.38
bn131230529	5.91E-07 ± 3.98E-08	7.74 ± 2.53	3.52 ± 0.87	2.81 ± 0.40
bn131230808	4.11E-06 ± 4.28E-08	4.31 ± 1.11	3.24 ± 0.44	2.72 ± 0.21
bn131231198	1.52E-04 ± 1.19E-07	82.72 ± 2.68	82.12 ± 1.34	78.81 ± 0.65
bn140102887	1.78E-05 ± 2.41E-08	66.23 ± 1.96	59.14 ± 0.94	49.67 ± 0.43
bn140104731	2.33E-05 ± 5.84E-08	7.81 ± 1.09	6.79 ± 0.52	5.92 ± 0.26
bn140105065	6.43E-07 ± 1.38E-08	8.16 ± 1.19	5.91 ± 0.51	3.31 ± 0.23
bn140105748	1.30E-07 ± 2.19E-08	4.86 ± 1.08	3.51 ± 0.49	2.43 ± 0.24
bn140106345	2.46E-06 ± 8.36E-08	5.76 ± 2.14	3.26 ± 0.53	2.61 ± 0.30
bn140108721	1.97E-05 ± 2.48E-07	12.68 ± 1.56	11.55 ± 0.69	10.23 ± 0.32
bn140109771	1.89E-07 ± 4.28E-08	5.97 ± 1.73	3.78 ± 0.76	2.14 ± 0.40
bn140109877	1.49E-07 ± 2.50E-08	1.49 ± 1.10	0.82 ± 0.52	0.35 ± 0.22
bn140110263	5.43E-06 ± 4.53E-08	4.84 ± 0.95	4.10 ± 0.35	3.58 ± 0.18
bn140110411	4.60E-08 ± 5.51E-09	3.68 ± 1.19	1.62 ± 0.46	0.78 ± 0.21
bn140110814	8.32E-06 ± 1.31E-07	11.10 ± 3.54	7.26 ± 1.18	6.65 ± 0.58
bn140112060	1.60E-06 ± 4.38E-08	3.47 ± 0.99	2.79 ± 0.37	2.03 ± 0.18
bn140113183	2.65E-06 ± 4.49E-08	4.08 ± 1.15	3.53 ± 0.40	2.27 ± 0.22
bn140113624	5.70E-07 ± 3.86E-08	4.59 ± 1.16	4.36 ± 0.40	3.37 ± 0.20
bn140115863	3.95E-06 ± 3.76E-08	7.20 ± 1.12	6.52 ± 0.60	5.13 ± 0.29
bn140115899	3.26E-06 ± 5.44E-08	13.12 ± 1.97	12.58 ± 0.69	11.53 ± 0.36
bn140118064	3.96E-06 ± 4.60E-08	5.64 ± 1.31	4.42 ± 0.79	2.97 ± 0.28
bn140122597	9.05E-07 ± 5.27E-08	5.09 ± 1.53	3.33 ± 0.54	2.69 ± 0.24
bn140124527	2.01E-05 ± 1.42E-07	5.70 ± 1.08	4.95 ± 0.48	4.14 ± 0.23
bn140126815	5.35E-06 ± 4.04E-08	5.01 ± 1.21	3.71 ± 0.49	3.22 ± 0.24
bn140129499	2.24E-07 ± 1.53E-08	6.81 ± 1.35	5.11 ± 0.57	1.48 ± 0.25
bn140204547	2.35E-06 ± 3.69E-08	3.71 ± 0.92	2.20 ± 0.38	1.61 ± 0.19
bn140206275	1.23E-04 ± 2.78E-07	46.41 ± 1.57	45.59 ± 0.78	43.18 ± 0.39
bn140206304	1.55E-05 ± 7.48E-08	24.16 ± 2.13	22.96 ± 1.03	17.44 ± 0.48
bn140209313	8.97E-06 ± 5.33E-08	120.53 ± 3.44	106.73 ± 1.62	57.97 ± 0.65
bn140211091	7.37E-07 ± 3.19E-08	6.43 ± 1.33	5.42 ± 0.64	4.10 ± 0.27
bn140213807	2.12E-05 ± 6.54E-08	42.81 ± 2.08	41.32 ± 1.02	36.88 ± 0.49
bn140216331	9.74E-07 ± 1.10E-07	3.46 ± 1.04	2.84 ± 0.49	2.46 ± 0.23
bn140217043	2.34E-06 ± 3.69E-08	6.39 ± 1.31	4.84 ± 0.64	4.15 ± 0.30
bn140218427	5.61E-06 ± 6.19E-08	4.63 ± 1.25	3.75 ± 0.35	2.40 ± 0.26

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140219319	2.69E-06 ± 2.70E-08	5.07 ± 0.90	4.01 ± 0.44	3.55 ± 0.21
bn140219824	2.84E-06 ± 4.25E-08	5.08 ± 1.17	4.51 ± 0.57	3.21 ± 0.26
bn140223495	1.98E-06 ± 3.35E-08	3.24 ± 1.05	2.76 ± 0.47	2.01 ± 0.20
bn140224382	6.58E-07 ± 4.26E-08	8.81 ± 1.35	6.65 ± 0.67	4.09 ± 0.30
bn140224788	2.42E-06 ± 6.28E-08	4.09 ± 1.11	3.27 ± 0.44	2.81 ± 0.23
bn140227738	7.14E-07 ± 8.18E-08	4.64 ± 1.28	3.04 ± 0.58	2.21 ± 0.27
bn140302342	5.96E-06 ± 4.45E-08	5.33 ± 1.05	4.53 ± 0.53	3.53 ± 0.27
bn140304557	2.43E-06 ± 3.16E-08	4.15 ± 0.80	3.29 ± 0.48	2.69 ± 0.22
bn140304849	8.32E-06 ± 5.24E-08	6.69 ± 1.50	5.52 ± 0.69	3.89 ± 0.32
bn140306146	5.78E-05 ± 8.89E-08	19.01 ± 1.33	14.14 ± 0.55	12.58 ± 0.25
bn140308710	6.44E-06 ± 3.86E-08	27.41 ± 1.77	23.51 ± 0.85	16.08 ± 0.39
bn140311453	3.70E-06 ± 5.40E-08	6.72 ± 1.47	4.94 ± 0.61	4.57 ± 0.30
bn140311618	3.97E-06 ± 1.24E-07	12.75 ± 1.51	11.70 ± 0.76	10.68 ± 0.37
bn140311885	7.02E-06 ± 6.75E-08	5.81 ± 1.55	4.05 ± 0.53	3.21 ± 0.28
bn140319964	7.13E-06 ± 3.46E-08	10.41 ± 1.33	9.23 ± 0.60	6.85 ± 0.28
bn140320092	1.02E-07 ± 9.71E-09	3.37 ± 1.01	2.15 ± 0.48	1.33 ± 0.23
bn140322424	2.01E-06 ± 2.77E-08	7.03 ± 1.15	6.14 ± 0.51	5.09 ± 0.27
bn140323433	3.24E-05 ± 1.92E-07	13.15 ± 1.21	11.14 ± 0.58	9.67 ± 0.28
bn140327065	8.79E-07 ± 4.22E-08	5.12 ± 1.24	3.13 ± 0.53	2.69 ± 0.24
bn140328560	7.47E-07 ± 1.25E-08	4.12 ± 0.92	2.97 ± 0.44	2.46 ± 0.21
bn140329272	2.38E-07 ± 8.46E-09	7.70 ± 0.98	3.87 ± 0.40	0.89 ± 0.17
bn140329295	6.70E-05 ± 3.32E-08	128.26 ± 3.92	116.23 ± 1.91	104.63 ± 0.91
bn140330180	5.69E-06 ± 8.72E-08	6.04 ± 1.08	4.86 ± 0.50	4.30 ± 0.24
bn140402007	2.84E-07 ± 2.90E-08	4.60 ± 0.74	3.81 ± 0.42	1.30 ± 0.17
bn140404030	1.92E-06 ± 6.21E-08	3.75 ± 1.13	2.87 ± 0.46	2.16 ± 0.22
bn140404171	8.18E-06 ± 2.33E-08	4.92 ± 1.00	3.97 ± 0.49	3.35 ± 0.21
bn140404900	4.55E-06 ± 3.86E-08	5.47 ± 1.16	4.39 ± 0.55	3.70 ± 0.25
bn140405033	2.60E-06 ± 3.30E-08	3.96 ± 1.18	3.13 ± 0.48	2.47 ± 0.23
bn140406120	1.15E-05 ± 1.09E-07	9.06 ± 1.51	7.44 ± 0.75	5.37 ± 0.33
bn140406144	2.35E-06 ± 8.74E-08	3.24 ± 0.92	1.96 ± 0.43	1.47 ± 0.21
bn140408553	6.57E-07 ± 5.42E-08	5.03 ± 1.54	3.11 ± 0.58	2.39 ± 0.25
bn140414693	5.99E-06 ± 4.48E-08	7.20 ± 1.11	5.82 ± 0.50	4.91 ± 0.25
bn140416060	8.14E-05 ± 3.87E-07	107.40 ± 5.56	101.47 ± 2.37	79.84 ± 1.21
bn140422194	4.78E-06 ± 1.08E-07	4.68 ± 1.33	3.02 ± 0.56	1.79 ± 0.23
bn140423356	1.81E-05 ± 1.22E-07	4.79 ± 0.94	3.72 ± 0.44	2.99 ± 0.20
bn140426515	2.28E-06 ± 3.17E-08	3.32 ± 1.19	2.29 ± 0.33	1.46 ± 0.16
bn140427702	5.37E-07 ± 6.43E-08	5.82 ± 1.87	3.86 ± 0.70	2.36 ± 0.37
bn140428906	9.19E-07 ± 2.01E-08	17.56 ± 1.99	10.43 ± 0.85	4.13 ± 0.37
bn140429975	6.20E-07 ± 1.99E-08	3.82 ± 1.17	2.08 ± 0.42	1.67 ± 0.21
bn140430716	9.18E-06 ± 1.55E-07	19.03 ± 2.51	16.68 ± 1.12	13.39 ± 0.51

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140501139	2.07E-07 ± 1.93E-08	5.64 ± 1.28	3.54 ± 0.51	0.92 ± 0.20
bn140501497	6.97E-06 ± 4.38E-08	10.87 ± 1.75	8.88 ± 0.77	7.12 ± 0.36
bn140502354	2.11E-06 ± 3.55E-08	3.33 ± 1.05	2.41 ± 0.42	1.63 ± 0.19
bn140506880	6.59E-06 ± 1.18E-07	24.80 ± 2.94	21.50 ± 1.46	15.67 ± 0.70
bn140508128	6.14E-05 ± 1.21E-07	88.15 ± 4.32	85.67 ± 2.14	66.81 ± 0.96
bn140508179	3.34E-06 ± 8.33E-08	7.57 ± 2.59	3.98 ± 0.93	3.25 ± 0.50
bn140508629	2.61E-06 ± 4.59E-08	3.13 ± 0.81	2.16 ± 0.27	1.69 ± 0.14
bn140511095	3.71E-07 ± 3.21E-08	9.40 ± 1.03	7.49 ± 0.54	3.03 ± 0.18
bn140511995	6.75E-06 ± 4.15E-08	5.38 ± 1.19	4.12 ± 0.58	3.39 ± 0.26
bn140512814	2.93E-05 ± 8.14E-08	15.27 ± 1.25	13.78 ± 0.56	10.96 ± 0.27
bn140513724	4.11E-06 ± 6.23E-08	7.70 ± 1.17	6.93 ± 0.57	6.18 ± 0.27
bn140516700	2.64E-06 ± 2.91E-08	3.46 ± 0.91	2.50 ± 0.39	1.89 ± 0.20
bn140516765	6.61E-06 ± 1.18E-07	8.87 ± 1.30	7.58 ± 0.65	6.38 ± 0.33
bn140517813	4.73E-06 ± 3.95E-08	5.27 ± 0.94	4.19 ± 0.50	3.61 ± 0.24
bn140518709	3.81E-07 ± 2.68E-08	5.37 ± 1.15	3.70 ± 0.70	2.45 ± 0.35
bn140519043	3.92E-06 ± 4.55E-08	4.12 ± 1.35	3.73 ± 0.51	2.71 ± 0.23
bn140521184	2.75E-06 ± 3.85E-08	4.02 ± 0.98	2.85 ± 0.47	2.03 ± 0.21
bn140521732	2.68E-06 ± 4.19E-08	6.26 ± 1.12	4.72 ± 0.48	3.90 ± 0.22
bn140523129	5.12E-05 ± 4.49E-08	53.53 ± 1.94	46.72 ± 0.97	38.41 ± 0.48
bn140526449	6.79E-06 ± 4.07E-08	16.90 ± 1.61	4.30 ± 0.50	2.86 ± 0.25
bn140526571	1.58E-07 ± 1.28E-08	4.06 ± 0.90	2.60 ± 0.40	0.59 ± 0.17
bn140528837	2.15E-05 ± 4.82E-08	20.20 ± 1.64	16.37 ± 0.75	13.61 ± 0.36
bn140603476	1.86E-05 ± 2.16E-07	5.47 ± 1.12	4.72 ± 0.54	3.65 ± 0.25
bn140605377	8.03E-07 ± 8.51E-09	11.24 ± 0.89	7.40 ± 0.41	2.33 ± 0.15
bn140606133	7.59E-06 ± 4.47E-08	16.26 ± 1.35	14.70 ± 0.68	13.18 ± 0.33
bn140608153	1.23E-05 ± 2.25E-07	12.18 ± 3.86	6.94 ± 1.15	5.42 ± 0.65
bn140608713	1.95E-06 ± 6.00E-08	9.97 ± 2.09	9.26 ± 1.00	7.50 ± 0.51
bn140610487	2.64E-07 ± 2.77E-08	4.73 ± 0.98	4.00 ± 0.49	1.68 ± 0.21
bn140610548	1.84E-05 ± 5.62E-08	12.27 ± 1.34	9.98 ± 0.66	9.36 ± 0.32
bn140610689	1.38E-05 ± 1.24E-07	6.63 ± 1.95	3.63 ± 0.70	2.54 ± 0.34
bn140612294	4.10E-06 ± 8.92E-08	4.71 ± 0.88	3.30 ± 0.42	2.71 ± 0.20
bn140616165	2.81E-07 ± 3.35E-08	9.35 ± 1.54	6.58 ± 0.59	2.48 ± 0.21
bn140619475	1.55E-06 ± 6.95E-08	5.28 ± 0.75	4.64 ± 0.36	3.19 ± 0.18
bn140619490	2.10E-07 ± 4.38E-08	16.01 ± 2.61	5.86 ± 0.91	2.00 ± 0.43
bn140620219	6.15E-06 ± 6.40E-08	9.13 ± 1.69	6.79 ± 0.77	6.32 ± 0.36
bn140621827	6.06E-06 ± 5.05E-08	31.70 ± 1.94	16.28 ± 0.79	8.27 ± 0.31
bn140623224	3.22E-06 ± 4.78E-08	3.92 ± 1.18	2.74 ± 0.48	1.79 ± 0.20
bn140624423	2.42E-07 ± 9.53E-09	19.15 ± 1.29	5.96 ± 0.45	1.52 ± 0.17
bn140626843	9.93E-07 ± 3.78E-08	10.06 ± 2.12	8.45 ± 0.88	7.12 ± 0.41
bn140627401	9.00E-07 ± 5.98E-08	5.60 ± 1.35	4.14 ± 0.29	2.98 ± 0.25

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140628626	1.47E-06 ± 6.23E-08	4.37 ± 1.25	3.63 ± 0.42	2.41 ± 0.24
bn140628704	1.82E-06 ± 9.89E-08	6.09 ± 1.75	4.21 ± 0.40	2.64 ± 0.34
bn140630505	7.63E-06 ± 7.69E-08	4.51 ± 1.17	3.13 ± 0.51	2.42 ± 0.21
bn140701567	2.65E-06 ± 3.93E-08	3.83 ± 1.26	2.76 ± 0.51	2.04 ± 0.22
bn140701833	2.61E-06 ± 5.18E-08	17.41 ± 1.62	14.34 ± 0.78	9.17 ± 0.36
bn140703026	7.57E-06 ± 5.09E-08	5.59 ± 0.98	4.44 ± 0.46	4.05 ± 0.23
bn140705539	3.18E-06 ± 4.82E-08	3.66 ± 0.92	2.95 ± 0.44	2.67 ± 0.21
bn140706815	2.49E-06 ± 7.80E-08	4.84 ± 1.13	3.91 ± 0.53	2.95 ± 0.26
bn140709051	7.35E-06 ± 1.85E-07	7.67 ± 1.62	6.16 ± 0.74	5.24 ± 0.34
bn140709637	7.36E-06 ± 6.34E-08	3.22 ± 0.92	2.70 ± 0.41	2.12 ± 0.18
bn140710537	3.83E-07 ± 7.14E-09	7.64 ± 1.50	4.33 ± 0.57	1.51 ± 0.23
bn140710901	1.40E-06 ± 4.77E-08	5.16 ± 1.20	3.72 ± 0.62	2.45 ± 0.27
bn140711691	2.39E-06 ± 1.13E-07	4.44 ± 1.28	2.50 ± 0.54	1.33 ± 0.26
bn140712706	2.58E-06 ± 1.03E-07	3.69 ± 0.95	2.65 ± 0.40	1.91 ± 0.20
bn140712973	5.10E-06 ± 1.50E-07	6.82 ± 1.45	5.36 ± 0.78	4.38 ± 0.36
bn140713780	8.31E-07 ± 3.97E-08	4.91 ± 0.99	4.63 ± 0.51	3.60 ± 0.23
bn140714268	1.85E-05 ± 3.14E-08	18.20 ± 1.75	17.07 ± 0.82	15.61 ± 0.39
bn140715231	9.65E-06 ± 5.68E-08	8.82 ± 1.39	7.40 ± 0.65	6.68 ± 0.32
bn140716306	2.40E-07 ± 3.22E-08	4.59 ± 1.17	3.00 ± 0.42	2.21 ± 0.18
bn140716436	1.18E-05 ± 1.00E-07	15.93 ± 2.58	13.00 ± 1.29	11.15 ± 0.58
bn140717827	5.79E-06 ± 5.89E-08	5.66 ± 2.50	4.69 ± 0.41	2.75 ± 0.21
bn140720158	2.00E-07 ± 1.23E-08	6.05 ± 0.96	3.26 ± 0.49	0.88 ± 0.21
bn140720280	1.88E-06 ± 2.54E-08	3.45 ± 1.02	1.69 ± 0.33	1.30 ± 0.16
bn140721336	5.52E-05 ± 2.49E-07	18.72 ± 2.20	15.87 ± 1.06	13.97 ± 0.51
bn140723067	1.49E-05 ± 9.72E-08	7.16 ± 0.87	5.83 ± 0.45	4.81 ± 0.24
bn140723499	2.35E-05 ± 1.21E-07	20.74 ± 1.99	18.42 ± 0.93	17.48 ± 0.44
bn140724533	1.27E-07 ± 1.39E-08	4.57 ± 1.11	3.10 ± 0.51	1.62 ± 0.22
bn140725583	1.51E-06 ± 2.72E-08	2.88 ± 0.70	2.29 ± 0.31	2.02 ± 0.15
bn140727748	1.32E-06 ± 4.56E-08	5.52 ± 1.29	4.53 ± 0.44	3.59 ± 0.27
bn140729026	8.05E-06 ± 7.28E-08	6.34 ± 1.10	4.95 ± 0.47	3.99 ± 0.22
bn140801792	1.24E-05 ± 4.16E-08	37.01 ± 1.70	29.44 ± 0.79	22.57 ± 0.37
bn140807500	1.29E-06 ± 1.44E-08	21.05 ± 1.47	17.85 ± 0.77	6.76 ± 0.27
bn140808038	3.21E-06 ± 3.27E-08	11.27 ± 1.38	10.40 ± 0.65	9.25 ± 0.32
bn140809133	1.92E-06 ± 4.31E-08	2.99 ± 0.84	1.88 ± 0.33	1.49 ± 0.18
bn140810782	1.10E-04 ± 6.90E-08	43.55 ± 2.83	38.46 ± 1.33	35.80 ± 0.64
bn140817229	2.38E-06 ± 6.64E-08	7.03 ± 1.68	4.03 ± 0.60	3.45 ± 0.31
bn140817293	5.03E-06 ± 4.11E-08	16.52 ± 2.35	15.23 ± 1.13	10.57 ± 0.51
bn140818229	2.95E-05 ± 6.46E-08	10.74 ± 1.19	9.64 ± 0.56	8.65 ± 0.27
bn140818781	8.49E-07 ± 2.82E-08	3.47 ± 1.28	2.38 ± 0.37	1.61 ± 0.23
bn140819160	3.36E-07 ± 2.59E-08	10.95 ± 1.41	9.86 ± 0.44	4.80 ± 0.20

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140821997	5.51E-05 ± 1.06E-07	24.90 ± 2.55	22.73 ± 1.30	19.33 ± 0.63
bn140824548	2.69E-06 ± 3.91E-08	18.71 ± 3.39	16.06 ± 1.51	14.68 ± 0.69
bn140824606	1.26E-05 ± 7.56E-08	12.40 ± 1.10	11.43 ± 0.60	6.95 ± 0.28
bn140825328	7.81E-06 ± 6.82E-08	6.72 ± 1.06	5.59 ± 0.49	3.50 ± 0.22
bn140825980	9.95E-07 ± 4.09E-08	5.20 ± 1.59	3.06 ± 0.60	2.38 ± 0.25
bn140827763	1.22E-05 ± 3.18E-08	14.52 ± 1.31	13.57 ± 0.67	12.12 ± 0.33
bn140828288	3.76E-06 ± 1.50E-07	6.24 ± 1.01	4.66 ± 0.36	3.55 ± 0.22
bn140829880	5.39E-06 ± 1.25E-07	8.20 ± 2.03	4.13 ± 0.81	2.99 ± 0.38
bn140831215	5.79E-08 ± 1.94E-08	3.34 ± 1.38	2.57 ± 0.67	1.19 ± 0.31
bn140831374	1.09E-06 ± 3.14E-08	6.08 ± 1.40	4.53 ± 0.51	3.77 ± 0.27
bn140901262	2.93E-06 ± 3.27E-08	3.55 ± 1.11	2.89 ± 0.42	2.55 ± 0.20
bn140901821	5.12E-06 ± 3.15E-08	51.52 ± 2.01	37.73 ± 1.25	10.02 ± 0.34
bn140905454	2.75E-05 ± 5.60E-08	5.78 ± 1.04	4.96 ± 0.49	4.29 ± 0.24
bn140906175	1.55E-06 ± 4.34E-08	4.74 ± 1.35	3.57 ± 0.64	2.64 ± 0.25
bn140906429	8.37E-06 ± 6.78E-08	15.21 ± 1.29	13.48 ± 0.62	11.02 ± 0.30
bn140907429	1.35E-06 ± 1.76E-07	8.16 ± 3.47	5.23 ± 0.91	2.61 ± 0.53
bn140907672	6.45E-06 ± 6.36E-08	6.03 ± 1.35	4.73 ± 0.46	4.28 ± 0.25
bn140911012	6.78E-06 ± 8.63E-08	6.00 ± 1.40	4.42 ± 0.65	3.08 ± 0.32
bn140912664	5.92E-07 ± 2.12E-08	3.75 ± 0.67	2.33 ± 0.33	1.93 ± 0.16
bn140916234	6.09E-06 ± 7.15E-08	16.73 ± 2.30	14.08 ± 0.94	11.96 ± 0.51
bn140917512	6.22E-06 ± 4.90E-08	9.17 ± 1.20	8.36 ± 0.60	6.85 ± 0.30
bn140918379	2.12E-06 ± 6.57E-08	5.07 ± 1.35	3.04 ± 0.50	1.75 ± 0.22
bn140919636	1.07E-05 ± 2.41E-08	4.89 ± 0.99	4.50 ± 0.25	3.64 ± 0.17
bn140928100	2.78E-06 ± 2.32E-08	19.84 ± 1.84	16.01 ± 0.83	12.50 ± 0.35
bn140928437	4.47E-06 ± 8.35E-08	7.85 ± 1.53	6.19 ± 0.62	4.91 ± 0.30
bn140929677	1.87E-06 ± 4.87E-08	4.69 ± 1.03	4.04 ± 0.49	2.25 ± 0.23
bn140930134	2.49E-07 ± 2.16E-08	4.73 ± 0.89	2.86 ± 0.38	2.01 ± 0.19
bn141003564	1.85E-06 ± 4.34E-08	9.76 ± 2.56	8.78 ± 0.74	7.90 ± 0.43
bn141003788	1.34E-06 ± 4.70E-08	5.55 ± 1.42	4.12 ± 0.58	2.66 ± 0.27
bn141004150	4.10E-06 ± 2.57E-08	12.02 ± 1.20	10.43 ± 0.55	9.40 ± 0.27
bn141004973	1.18E-06 ± 3.30E-08	17.65 ± 1.92	16.76 ± 1.00	9.81 ± 0.41
bn141005217	2.50E-06 ± 2.70E-08	9.88 ± 1.70	8.39 ± 0.79	7.63 ± 0.38
bn141005535	7.18E-07 ± 4.24E-08	5.31 ± 1.09	4.25 ± 0.59	2.71 ± 0.25
bn141011282	9.38E-07 ± 1.05E-08	29.57 ± 1.69	12.95 ± 0.68	3.47 ± 0.23
bn141011467	2.89E-06 ± 3.18E-08	6.23 ± 1.03	5.46 ± 0.52	4.39 ± 0.25
bn141012773	6.64E-06 ± 4.26E-08	6.02 ± 0.93	4.73 ± 0.44	3.59 ± 0.21
bn141013803	8.81E-06 ± 2.20E-07	5.29 ± 1.53	3.42 ± 0.60	2.93 ± 0.28
bn141016897	3.58E-06 ± 4.81E-08	9.04 ± 1.06	8.26 ± 0.56	7.41 ± 0.26
bn141020439	8.47E-08 ± 1.27E-08	2.76 ± 0.87	2.02 ± 0.42	1.41 ± 0.20
bn141022061	5.60E-07 ± 2.46E-08	2.95 ± 1.56	1.49 ± 0.39	1.08 ± 0.17

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn141022087	9.00E-05 ± 9.54E-08	97.20 ± 5.50	84.16 ± 2.62	62.90 ± 1.21
bn141026742	3.97E-07 ± 8.75E-09	4.08 ± 1.16	3.62 ± 0.46	2.85 ± 0.20
bn141028455	3.48E-05 ± 8.91E-08	21.19 ± 1.36	19.33 ± 0.70	17.35 ± 0.34
bn141029134	4.10E-05 ± 5.46E-08	26.00 ± 1.42	24.92 ± 0.70	21.82 ± 0.33
bn141030746	2.31E-06 ± 5.04E-08	7.90 ± 1.73	4.76 ± 0.63	3.81 ± 0.29
bn141031257	1.60E-06 ± 4.12E-08	3.67 ± 0.87	2.12 ± 0.28	1.64 ± 0.19
bn141031304	4.93E-06 ± 6.08E-08	4.41 ± 0.95	3.22 ± 0.44	2.71 ± 0.20
bn141031998	8.35E-08 ± 2.07E-08	5.18 ± 0.81	3.13 ± 0.34	0.75 ± 0.13
bn141102112	7.36E-08 ± 1.40E-08	2.98 ± 1.37	1.26 ± 0.54	0.52 ± 0.27
bn141102536	1.42E-06 ± 4.12E-08	15.59 ± 1.24	10.48 ± 0.55	4.76 ± 0.21
bn141102779	8.44E-07 ± 3.67E-08	4.21 ± 1.18	2.64 ± 0.49	2.30 ± 0.21
bn141105358	1.84E-06 ± 3.02E-08	7.19 ± 1.61	4.65 ± 0.56	3.96 ± 0.30
bn141105406	8.83E-07 ± 2.70E-08	10.38 ± 1.16	8.19 ± 0.55	4.66 ± 0.25
bn141109447	5.21E-06 ± 8.65E-08	6.58 ± 1.99	3.00 ± 0.52	2.33 ± 0.24
bn141110232	2.43E-06 ± 3.86E-08	3.79 ± 1.09	2.40 ± 0.45	1.77 ± 0.21
bn141111435	2.00E-07 ± 3.44E-08	2.67 ± 0.64	2.01 ± 0.32	1.22 ± 0.16
bn141112539	2.16E-05 ± 1.10E-07	3.87 ± 1.19	2.93 ± 0.35	2.10 ± 0.23
bn141112828	2.10E-06 ± 3.69E-08	4.68 ± 1.03	4.62 ± 0.46	3.78 ± 0.24
bn141113346	1.47E-07 ± 1.92E-08	4.11 ± 0.72	2.88 ± 0.35	1.28 ± 0.16
bn141114687	3.59E-06 ± 4.06E-08	5.80 ± 1.40	4.93 ± 0.62	3.19 ± 0.30
bn141118678	3.30E-06 ± 2.81E-08	9.88 ± 1.24	8.32 ± 0.58	7.07 ± 0.29
bn141121414	8.79E-07 ± 4.17E-08	4.29 ± 1.00	3.20 ± 0.42	2.30 ± 0.17
bn141122087	2.59E-07 ± 2.20E-08	7.12 ± 1.23	5.01 ± 0.42	1.56 ± 0.18
bn141122875	4.03E-06 ± 1.69E-07	5.69 ± 1.15	4.85 ± 0.54	4.37 ± 0.27
bn141122956	2.22E-07 ± 2.88E-08	2.84 ± 1.04	1.59 ± 0.34	0.95 ± 0.18
bn141124277	5.23E-07 ± 4.82E-08	5.30 ± 1.03	4.27 ± 0.68	2.21 ± 0.26
bn141126233	4.05E-07 ± 2.28E-08	3.65 ± 0.76	2.67 ± 0.31	1.77 ± 0.14
bn141128962	1.76E-07 ± 1.51E-08	13.27 ± 1.58	8.23 ± 0.70	2.27 ± 0.24
bn141202470	4.35E-06 ± 2.27E-08	11.87 ± 1.00	10.65 ± 0.52	8.60 ± 0.26
bn141205018	1.60E-06 ± 4.13E-08	4.67 ± 1.82	3.36 ± 0.59	2.15 ± 0.28
bn141205337	1.07E-06 ± 1.14E-07	6.33 ± 1.59	4.33 ± 0.52	2.45 ± 0.23
bn141205763	6.41E-06 ± 7.76E-08	30.22 ± 2.47	26.96 ± 1.19	21.05 ± 0.55
bn141206254	5.37E-07 ± 2.85E-08	3.41 ± 0.84	2.69 ± 0.41	1.92 ± 0.19
bn141207800	3.42E-05 ± 1.16E-07	12.75 ± 1.20	10.17 ± 0.54	8.67 ± 0.26
bn141208038	1.77E-06 ± 3.09E-08	4.39 ± 1.41	3.60 ± 0.53	3.00 ± 0.30
bn141208632	1.91E-07 ± 3.74E-08	6.78 ± 1.46	3.25 ± 0.59	2.27 ± 0.26
bn141209131	5.55E-06 ± 5.92E-08	4.65 ± 0.96	4.09 ± 0.51	3.08 ± 0.24
bn141213300	6.58E-07 ± 1.97E-08	15.80 ± 1.57	13.75 ± 0.74	6.77 ± 0.30
bn141215560	2.58E-05 ± 6.51E-08	30.36 ± 2.49	26.50 ± 1.20	20.12 ± 0.55
bn141220252	5.34E-06 ± 3.51E-08	16.07 ± 1.48	14.16 ± 0.63	12.00 ± 0.30

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn141221338	4.07E-06 ± 6.28E-08	8.94 ± 1.52	7.05 ± 0.73	5.38 ± 0.34
bn141221897	7.44E-06 ± 7.13E-08	4.98 ± 0.89	3.95 ± 0.43	3.58 ± 0.22
bn141222298	9.21E-06 ± 3.82E-08	121.02 ± 2.62	85.34 ± 1.14	44.26 ± 0.42
bn141222691	2.33E-05 ± 3.41E-08	21.74 ± 1.49	18.96 ± 0.71	17.60 ± 0.35
bn141223240	1.82E-06 ± 4.57E-08	3.97 ± 1.29	2.56 ± 0.36	1.87 ± 0.22
bn141225959	3.73E-06 ± 3.72E-08	4.42 ± 1.13	2.93 ± 0.41	2.46 ± 0.21
bn141226880	3.21E-06 ± 6.60E-08	3.60 ± 0.97	2.09 ± 0.35	1.53 ± 0.17
bn141229492	5.60E-06 ± 7.02E-08	12.14 ± 1.31	11.45 ± 0.65	9.22 ± 0.31
bn141229911	4.22E-06 ± 6.58E-08	4.29 ± 1.03	3.70 ± 0.34	2.70 ± 0.22
bn141230142	1.80E-06 ± 6.62E-08	9.57 ± 1.95	9.12 ± 0.85	8.40 ± 0.40
bn141230834	3.16E-06 ± 2.98E-08	4.78 ± 1.11	3.49 ± 0.45	3.05 ± 0.22
bn141230871	1.48E-07 ± 1.57E-08	8.19 ± 1.15	5.08 ± 0.55	1.58 ± 0.20
bn150101270	7.61E-08 ± 1.07E-08	5.83 ± 1.19	1.99 ± 0.45	0.62 ± 0.20
bn150101641	2.38E-07 ± 1.51E-08	10.48 ± 1.35	4.59 ± 0.51	1.27 ± 0.20
bn150105257	3.35E-05 ± 7.04E-08	30.64 ± 1.93	28.56 ± 0.90	23.79 ± 0.43
bn150106921	1.02E-06 ± 3.90E-08	3.78 ± 1.10	1.91 ± 0.48	1.00 ± 0.18
bn150110433	7.97E-06 ± 5.76E-08	10.09 ± 1.25	8.45 ± 0.59	7.49 ± 0.29
bn150110923	5.81E-07 ± 2.93E-08	3.95 ± 1.19	2.84 ± 0.48	2.33 ± 0.21
bn150118409	1.41E-04 ± 1.10E-07	46.16 ± 1.75	44.70 ± 0.84	40.71 ± 0.41
bn150118927	6.98E-07 ± 1.10E-08	39.66 ± 1.98	18.50 ± 0.76	5.44 ± 0.25
bn150120123	3.35E-07 ± 2.17E-08	4.79 ± 1.36	3.50 ± 0.51	2.95 ± 0.24
bn150120685	1.95E-06 ± 4.66E-08	4.04 ± 1.04	3.07 ± 0.46	2.16 ± 0.22
bn150122960	3.17E-06 ± 5.64E-08	5.03 ± 1.45	4.03 ± 0.47	2.60 ± 0.24
bn150126868	2.52E-05 ± 5.79E-08	12.98 ± 1.55	10.83 ± 0.76	9.71 ± 0.36
bn150127398	1.13E-05 ± 5.73E-08	17.27 ± 1.51	14.41 ± 0.76	7.78 ± 0.33
bn150127589	5.78E-05 ± 7.83E-08	23.56 ± 1.65	21.73 ± 0.81	19.83 ± 0.39
bn150127935	1.77E-06 ± 1.55E-07	5.18 ± 1.37	2.42 ± 0.51	1.17 ± 0.21
bn150128624	1.27E-07 ± 5.01E-08	16.20 ± 2.82	6.45 ± 1.07	2.05 ± 0.48
bn150128791	1.17E-05 ± 1.20E-07	7.92 ± 1.64	6.61 ± 0.70	5.46 ± 0.34
bn150131335	1.45E-06 ± 2.74E-08	5.47 ± 0.96	4.70 ± 0.45	3.81 ± 0.21
bn150131951	2.49E-06 ± 9.11E-08	8.55 ± 2.36	6.21 ± 0.92	5.30 ± 0.37
bn150201040	6.54E-08 ± 2.05E-08	4.98 ± 1.22	3.16 ± 0.58	1.53 ± 0.26
bn150201574	6.31E-05 ± 5.27E-08	99.55 ± 2.67	96.52 ± 1.35	88.70 ± 0.66
bn150201590	2.38E-06 ± 3.64E-08	4.61 ± 1.09	2.69 ± 0.25	2.08 ± 0.21
bn150202999	3.25E-05 ± 9.45E-08	30.83 ± 1.52	28.93 ± 0.76	23.80 ± 0.38
bn150203173	1.86E-06 ± 6.28E-08	3.83 ± 1.10	2.44 ± 0.57	1.83 ± 0.26
bn150203545	3.64E-06 ± 2.12E-08	7.39 ± 1.48	5.86 ± 0.64	4.57 ± 0.31
bn150204272	1.94E-06 ± 3.38E-08	4.43 ± 1.00	3.82 ± 0.51	3.19 ± 0.24
bn150206285	2.98E-06 ± 4.27E-08	5.03 ± 1.22	3.54 ± 0.40	3.08 ± 0.24
bn150206407	1.37E-06 ± 2.98E-08	7.29 ± 1.18	6.33 ± 0.56	5.20 ± 0.27

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150208573	4.00E-07 ± 3.24E-08	2.68 ± 1.20	1.18 ± 0.35	0.83 ± 0.14
bn150208929	2.53E-08 ± 1.10E-08	5.08 ± 1.18	2.51 ± 0.50	0.51 ± 0.21
bn150210935	2.22E-05 ± 2.69E-08	25.79 ± 1.65	22.26 ± 0.69	19.12 ± 0.35
bn150211239	8.70E-07 ± 6.05E-08	4.30 ± 1.51	2.41 ± 0.63	1.89 ± 0.27
bn150213001	2.88E-05 ± 1.82E-08	227.82 ± 4.61	218.02 ± 2.27	189.03 ± 1.11
bn150214293	2.37E-07 ± 1.40E-08	5.60 ± 0.93	4.71 ± 0.42	1.35 ± 0.17
bn150215026	2.15E-07 ± 3.03E-08	2.62 ± 0.74	2.27 ± 0.38	1.10 ± 0.17
bn150216415	2.29E-06 ± 3.88E-08	3.46 ± 0.88	2.64 ± 0.39	1.78 ± 0.19
bn150219522	7.72E-06 ± 3.80E-08	6.12 ± 1.50	4.59 ± 0.61	4.18 ± 0.30
bn150220598	2.41E-05 ± 8.44E-08	19.51 ± 1.56	18.04 ± 0.74	15.69 ± 0.36
bn150222450	1.95E-05 ± 7.48E-08	19.29 ± 2.34	18.07 ± 1.08	16.83 ± 0.54
bn150222832	3.84E-06 ± 9.03E-08	11.03 ± 1.90	4.54 ± 0.31	3.19 ± 0.19
bn150226223	1.75E-06 ± 2.62E-08	36.33 ± 2.11	33.91 ± 1.00	23.94 ± 0.39
bn150226545	8.63E-06 ± 5.31E-08	7.54 ± 1.35	6.38 ± 0.59	5.61 ± 0.28
bn150226948	8.42E-07 ± 2.05E-08	2.93 ± 0.82	1.88 ± 0.36	1.47 ± 0.16
bn150227702	2.46E-06 ± 4.36E-08	5.35 ± 1.07	4.63 ± 0.38	3.28 ± 0.19
bn150228845	6.59E-06 ± 1.97E-08	17.76 ± 1.32	12.29 ± 0.58	11.08 ± 0.29
bn150228981	1.15E-05 ± 2.79E-08	12.43 ± 1.38	10.08 ± 0.65	9.51 ± 0.27
bn150301045	1.81E-07 ± 1.23E-08	8.24 ± 1.64	4.26 ± 0.64	1.67 ± 0.32
bn150301818	3.09E-06 ± 2.98E-08	6.27 ± 1.03	5.15 ± 0.48	4.48 ± 0.23
bn150303516	6.25E-07 ± 1.70E-08	5.62 ± 1.12	5.09 ± 0.45	4.22 ± 0.19
bn150305724	1.72E-06 ± 5.97E-08	2.96 ± 1.06	2.27 ± 0.34	1.85 ± 0.15
bn150306993	2.70E-05 ± 9.68E-08	23.01 ± 3.48	19.69 ± 1.64	18.55 ± 0.81
bn150309958	3.98E-05 ± 1.82E-07	18.36 ± 1.29	16.63 ± 0.63	15.16 ± 0.30
bn150312403	1.40E-07 ± 1.92E-08	6.01 ± 0.99	2.93 ± 0.44	0.99 ± 0.19
bn150313657	8.67E-07 ± 5.95E-08	7.55 ± 1.64	6.50 ± 0.79	4.86 ± 0.37
bn150314205	8.16E-05 ± 1.28E-07	75.54 ± 2.04	73.74 ± 1.04	67.11 ± 0.50
bn150316400	1.31E-07 ± 1.87E-08	2.96 ± 1.07	1.71 ± 0.42	1.20 ± 0.20
bn150318521	4.33E-06 ± 6.02E-08	4.25 ± 1.27	2.82 ± 0.51	2.14 ± 0.24
bn150319271	8.69E-06 ± 3.83E-08	9.68 ± 1.72	8.04 ± 0.73	6.68 ± 0.38
bn150320462	2.16E-07 ± 3.85E-08	15.16 ± 1.89	5.92 ± 1.03	1.40 ± 0.41
bn150322066	3.63E-06 ± 2.86E-08	5.49 ± 1.03	3.97 ± 0.40	3.37 ± 0.20
bn150323395	1.92E-05 ± 6.87E-08	11.76 ± 1.38	9.70 ± 0.65	8.86 ± 0.32
bn150323712	1.88E-06 ± 2.82E-08	3.27 ± 1.13	2.27 ± 0.37	1.64 ± 0.20
bn150324164	4.85E-06 ± 2.30E-08	8.05 ± 0.92	6.98 ± 0.42	5.29 ± 0.20
bn150324319	7.81E-06 ± 5.95E-08	10.46 ± 1.34	8.50 ± 0.63	7.26 ± 0.30
bn150325696	8.93E-08 ± 1.80E-08	6.41 ± 1.04	3.53 ± 0.44	0.96 ± 0.18
bn150326521	4.69E-07 ± 1.73E-08	4.20 ± 1.13	2.78 ± 0.43	2.29 ± 0.21
bn150326542	1.36E-06 ± 2.20E-08	7.21 ± 1.23	6.38 ± 0.59	5.73 ± 0.28
bn150329288	1.72E-06 ± 3.62E-08	5.52 ± 1.42	3.56 ± 0.62	2.47 ± 0.26

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150330828	1.44E-04 ± 6.02E-08	76.45 ± 2.36	73.28 ± 1.08	59.26 ± 0.51
bn150403913	5.47E-05 ± 5.53E-08	37.77 ± 2.08	35.05 ± 1.01	33.49 ± 0.50
bn150404733	6.11E-07 ± 2.91E-08	5.09 ± 1.30	3.96 ± 0.57	3.21 ± 0.25
bn150411026	7.03E-07 ± 4.97E-08	5.92 ± 1.53	3.88 ± 0.70	2.36 ± 0.30
bn150412507	1.30E-07 ± 1.22E-08	5.90 ± 1.05	5.03 ± 0.50	1.73 ± 0.20
bn150412931	4.15E-07 ± 2.97E-08	4.95 ± 0.95	3.96 ± 0.44	1.65 ± 0.20
bn150415029	3.85E-06 ± 4.15E-08	4.10 ± 0.71	3.42 ± 0.36	2.98 ± 0.20
bn150416773	6.24E-06 ± 5.90E-08	5.45 ± 0.98	4.43 ± 0.45	3.80 ± 0.21
bn150418819	6.41E-07 ± 2.41E-08	7.58 ± 1.51	6.58 ± 0.58	4.27 ± 0.26
bn150422294	2.45E-06 ± 4.05E-08	4.80 ± 1.04	2.99 ± 0.42	2.29 ± 0.21
bn150422703	2.99E-05 ± 9.21E-08	20.16 ± 1.42	19.77 ± 0.73	17.04 ± 0.35
bn150423285	1.26E-06 ± 4.90E-08	4.82 ± 1.29	3.70 ± 0.54	2.70 ± 0.28
bn150424403	3.85E-06 ± 7.92E-08	5.39 ± 1.41	4.81 ± 0.66	3.82 ± 0.30
bn150425617	8.05E-07 ± 4.07E-08	3.41 ± 1.08	2.34 ± 0.31	1.58 ± 0.15
bn150426594	1.08E-05 ± 8.13E-08	33.36 ± 2.90	28.99 ± 1.43	22.07 ± 0.68
bn150428305	1.53E-06 ± 4.70E-08	3.60 ± 1.07	2.51 ± 0.41	1.52 ± 0.20
bn150430015	1.56E-05 ± 6.54E-08	12.75 ± 1.76	11.38 ± 0.83	9.91 ± 0.41
bn150501017	1.46E-06 ± 2.82E-08	6.75 ± 1.21	5.01 ± 0.53	4.08 ± 0.26
bn150502435	2.55E-05 ± 9.23E-08	7.55 ± 1.17	6.17 ± 0.54	5.00 ± 0.26
bn150506398	3.56E-06 ± 1.82E-08	14.37 ± 1.40	13.50 ± 0.66	9.76 ± 0.31
bn150506630	3.97E-07 ± 1.50E-08	11.82 ± 1.31	7.63 ± 0.62	3.19 ± 0.26
bn150506972	3.13E-07 ± 1.03E-08	4.94 ± 0.87	4.20 ± 0.46	2.11 ± 0.19
bn150507026	1.52E-05 ± 9.90E-08	12.68 ± 1.41	10.63 ± 0.63	9.09 ± 0.31
bn150508945	2.89E-06 ± 2.94E-08	6.38 ± 1.32	4.50 ± 0.52	3.76 ± 0.27
bn150510139	9.86E-05 ± 8.69E-08	54.17 ± 1.56	45.99 ± 0.74	32.01 ± 0.33
bn150511362	3.35E-06 ± 5.68E-08	6.08 ± 1.34	4.28 ± 0.60	3.85 ± 0.27
bn150512432	1.44E-05 ± 1.10E-07	7.85 ± 1.36	6.47 ± 0.64	5.74 ± 0.31
bn150513856	7.54E-06 ± 8.51E-08	6.23 ± 1.34	5.83 ± 0.60	4.44 ± 0.31
bn150514774	4.74E-06 ± 4.85E-08	22.93 ± 1.56	20.88 ± 0.80	19.95 ± 0.38
bn150520893	9.39E-07 ± 5.19E-08	4.82 ± 1.23	4.10 ± 0.48	3.65 ± 0.21
bn150522433	2.29E-06 ± 4.10E-08	5.56 ± 2.15	3.29 ± 0.61	2.41 ± 0.31
bn150522944	2.13E-07 ± 1.12E-08	4.37 ± 1.00	4.03 ± 0.43	1.76 ± 0.19
bn150523396	3.31E-05 ± 4.10E-08	10.26 ± 1.10	9.31 ± 0.54	8.52 ± 0.25
bn150523690	5.73E-06 ± 1.28E-07	8.55 ± 2.49	5.40 ± 0.78	2.98 ± 0.38
bn150527283	2.60E-06 ± 4.85E-08	4.18 ± 1.06	2.55 ± 0.42	2.15 ± 0.19
bn150527662	5.04E-06 ± 4.47E-08	5.15 ± 1.00	3.17 ± 0.46	2.42 ± 0.21
bn150528656	4.76E-06 ± 4.31E-08	8.55 ± 1.13	8.21 ± 0.54	6.68 ± 0.25
bn150530488	3.49E-06 ± 4.09E-08	8.35 ± 1.41	7.15 ± 0.62	6.72 ± 0.31
bn150601904	1.27E-07 ± 1.82E-08	2.95 ± 0.97	2.65 ± 0.42	1.66 ± 0.19
bn150602840	4.71E-06 ± 3.33E-08	6.49 ± 0.99	4.40 ± 0.43	3.67 ± 0.21

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150603105	2.10E-06 ± 2.91E-08	5.30 ± 1.07	4.16 ± 0.53	3.59 ± 0.26
bn150603823	4.71E-06 ± 6.40E-08	5.80 ± 1.26	3.64 ± 0.58	3.11 ± 0.28
bn150604284	1.46E-06 ± 3.18E-08	3.47 ± 1.06	2.24 ± 0.41	1.44 ± 0.19
bn150604434	3.97E-07 ± 1.24E-08	9.67 ± 1.04	7.53 ± 0.58	3.05 ± 0.24
bn150605782	7.61E-08 ± 1.84E-08	8.26 ± 1.29	3.10 ± 0.51	0.72 ± 0.22
bn150607330	3.99E-06 ± 9.57E-08	10.08 ± 2.52	8.28 ± 1.14	6.61 ± 0.46
bn150609316	1.21E-07 ± 1.69E-08	4.63 ± 0.84	2.06 ± 0.40	0.72 ± 0.18
bn150612702	1.98E-05 ± 9.91E-08	7.18 ± 1.23	5.64 ± 0.48	4.88 ± 0.26
bn150613420	2.61E-06 ± 2.85E-08	4.41 ± 1.14	3.90 ± 0.44	2.60 ± 0.21
bn150613995	6.38E-06 ± 4.74E-08	7.03 ± 1.36	6.65 ± 0.51	5.86 ± 0.33
bn150614073	2.38E-06 ± 2.86E-08	7.40 ± 1.27	6.26 ± 0.57	5.64 ± 0.28
bn150618674	3.68E-06 ± 4.93E-08	5.16 ± 1.39	3.02 ± 0.37	2.60 ± 0.19
bn150619287	1.63E-05 ± 8.56E-08	16.98 ± 1.59	14.16 ± 0.76	12.27 ± 0.36
bn150622393	2.90E-05 ± 1.08E-07	14.66 ± 1.67	12.04 ± 0.80	10.02 ± 0.38
bn150627183	1.80E-04 ± 3.83E-07	78.46 ± 2.53	75.76 ± 1.26	65.25 ± 0.60
bn150628767	2.65E-07 ± 1.15E-08	4.60 ± 0.97	3.25 ± 0.45	1.92 ± 0.21
bn150629564	3.69E-07 ± 1.48E-08	7.19 ± 0.89	5.95 ± 0.43	2.15 ± 0.17
bn150630223	1.08E-05 ± 5.61E-08	24.20 ± 2.46	22.34 ± 1.22	20.20 ± 0.58
bn150630958	2.30E-06 ± 6.70E-08	6.16 ± 1.77	4.67 ± 0.75	4.25 ± 0.36
bn150702998	1.17E-05 ± 5.40E-08	18.36 ± 1.76	14.16 ± 0.83	9.98 ± 0.38
bn150703149	5.02E-06 ± 6.81E-08	4.92 ± 1.24	4.15 ± 0.59	3.59 ± 0.27
bn150703259	9.48E-06 ± 3.92E-08	5.32 ± 1.14	3.52 ± 0.53	3.05 ± 0.20
bn150705009	3.82E-06 ± 5.78E-08	8.17 ± 1.43	7.24 ± 0.72	6.02 ± 0.34
bn150705588	2.07E-07 ± 2.32E-08	7.61 ± 1.30	6.48 ± 0.66	2.37 ± 0.23
bn150707124	2.53E-05 ± 5.21E-08	14.57 ± 2.41	11.97 ± 0.99	10.08 ± 0.54
bn150708339	1.71E-05 ± 1.24E-07	5.58 ± 1.12	4.44 ± 0.54	3.57 ± 0.25
bn150710646	1.52E-06 ± 3.05E-08	3.80 ± 1.07	2.20 ± 0.44	1.56 ± 0.20
bn150711766	9.48E-06 ± 1.14E-07	6.48 ± 1.14	5.59 ± 0.54	4.95 ± 0.26
bn150712846	2.45E-06 ± 4.98E-08	4.74 ± 1.17	2.92 ± 0.43	2.23 ± 0.26
bn150715136	5.26E-07 ± 1.91E-08	4.58 ± 0.88	3.93 ± 0.21	1.57 ± 0.17
bn150716552	1.09E-06 ± 3.22E-08	3.39 ± 1.04	2.39 ± 0.44	1.55 ± 0.17
bn150717795	1.24E-06 ± 2.61E-08	3.67 ± 1.31	2.57 ± 0.47	2.30 ± 0.21
bn150718656	1.11E-06 ± 2.82E-08	5.09 ± 1.00	4.00 ± 0.51	3.32 ± 0.23
bn150721242	1.59E-05 ± 4.30E-08	18.83 ± 1.40	17.20 ± 0.67	16.53 ± 0.33
bn150721431	1.21E-07 ± 1.57E-08	5.95 ± 1.37	3.52 ± 0.60	1.35 ± 0.24
bn150721732	1.35E-06 ± 3.41E-08	6.41 ± 1.69	4.96 ± 0.76	4.00 ± 0.35
bn150723608	2.45E-06 ± 2.82E-08	5.19 ± 1.27	4.43 ± 0.53	2.92 ± 0.22
bn150724398	2.63E-06 ± 4.19E-08	4.75 ± 1.00	3.42 ± 0.48	2.92 ± 0.22
bn150724782	2.80E-05 ± 4.33E-08	11.02 ± 0.94	9.58 ± 0.45	8.53 ± 0.22
bn150726877	6.82E-06 ± 5.49E-08	5.59 ± 1.12	4.31 ± 0.50	3.67 ± 0.25

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150727793	4.42E-06 ± 5.86E-08	4.67 ± 1.22	2.98 ± 0.58	2.12 ± 0.24
bn150728151	6.33E-07 ± 1.83E-08	7.79 ± 1.01	5.11 ± 0.49	2.60 ± 0.21
bn150729517	1.66E-05 ± 4.24E-08	11.93 ± 1.25	10.35 ± 0.64	9.23 ± 0.31
bn150802127	1.46E-05 ± 6.64E-08	8.18 ± 1.87	7.34 ± 0.90	6.03 ± 0.43
bn150802207	1.90E-06 ± 3.49E-08	6.27 ± 1.53	4.12 ± 0.38	2.94 ± 0.24
bn150804806	6.29E-06 ± 5.65E-08	5.80 ± 1.17	5.32 ± 0.55	4.23 ± 0.25
bn150805445	6.10E-06 ± 6.89E-08	7.96 ± 2.72	4.92 ± 0.78	3.77 ± 0.33
bn150805746	3.82E-07 ± 1.12E-08	7.10 ± 1.62	5.82 ± 0.57	4.59 ± 0.26
bn150806348	6.69E-06 ± 7.15E-08	6.56 ± 1.20	4.01 ± 0.54	3.49 ± 0.25
bn150809516	6.09E-06 ± 4.53E-08	5.86 ± 1.08	4.67 ± 0.54	4.00 ± 0.26
bn150810485	1.87E-06 ± 3.61E-08	17.94 ± 1.11	11.27 ± 0.46	5.60 ± 0.21
bn150811849	3.43E-06 ± 4.24E-08	27.40 ± 1.78	19.46 ± 0.80	8.58 ± 0.35
bn150815604	2.25E-06 ± 5.51E-08	3.91 ± 1.46	2.23 ± 0.39	1.88 ± 0.19
bn150817087	1.17E-05 ± 5.67E-08	21.79 ± 1.95	19.83 ± 0.92	15.72 ± 0.43
bn150817251	7.28E-06 ± 9.02E-08	9.79 ± 2.43	7.70 ± 1.05	6.47 ± 0.49
bn150819440	8.12E-06 ± 2.42E-08	148.44 ± 3.77	89.12 ± 1.73	39.02 ± 0.60
bn150820880	3.43E-07 ± 1.77E-08	3.78 ± 1.07	3.02 ± 0.46	2.03 ± 0.22
bn150821406	5.21E-05 ± 2.84E-07	13.56 ± 1.41	12.14 ± 0.67	11.11 ± 0.33
bn150822178	2.58E-06 ± 2.83E-08	6.88 ± 1.32	6.11 ± 0.66	5.25 ± 0.28
bn150824079	1.97E-05 ± 4.14E-08	31.95 ± 1.62	27.32 ± 0.81	22.27 ± 0.37
bn150824125	1.28E-06 ± 3.70E-08	3.39 ± 1.12	2.34 ± 0.49	1.51 ± 0.23
bn150826557	3.78E-06 ± 3.85E-08	5.25 ± 1.18	4.25 ± 0.52	3.46 ± 0.25
bn150827785	1.68E-06 ± 3.28E-08	3.37 ± 0.95	2.65 ± 0.41	2.07 ± 0.20
bn150828333	4.32E-06 ± 5.95E-08	10.68 ± 1.38	9.59 ± 0.68	8.53 ± 0.32
bn150828901	1.42E-07 ± 2.12E-08	3.01 ± 0.90	1.65 ± 0.38	1.39 ± 0.18
bn150830128	4.13E-06 ± 2.67E-08	6.10 ± 1.18	4.48 ± 0.56	3.37 ± 0.29
bn150831930	2.72E-06 ± 3.45E-08	14.18 ± 1.91	10.99 ± 0.87	9.10 ± 0.41
bn150901924	1.55E-07 ± 3.24E-08	7.10 ± 1.31	3.36 ± 0.55	0.95 ± 0.24
bn150902733	8.32E-05 ± 5.20E-08	79.18 ± 2.18	77.02 ± 1.08	60.70 ± 0.49
bn150904479	1.03E-06 ± 3.13E-08	3.99 ± 1.25	2.41 ± 0.66	1.55 ± 0.30
bn150906944	4.35E-07 ± 1.24E-08	13.60 ± 1.36	6.74 ± 0.59	2.00 ± 0.25
bn150908408	3.49E-06 ± 6.03E-08	4.71 ± 0.86	3.55 ± 0.41	1.82 ± 0.19
bn150911315	2.80E-06 ± 4.56E-08	7.57 ± 1.61	6.18 ± 0.38	4.97 ± 0.31
bn150911588	9.09E-06 ± 7.84E-08	6.25 ± 1.11	5.30 ± 0.56	4.73 ± 0.26
bn150912443	3.43E-06 ± 5.74E-08	5.65 ± 1.38	3.44 ± 0.60	2.90 ± 0.26
bn150912600	2.94E-07 ± 1.32E-08	5.51 ± 1.00	4.31 ± 0.48	1.91 ± 0.20
bn150913161	1.04E-05 ± 7.15E-08	8.86 ± 1.12	7.54 ± 0.51	6.82 ± 0.25
bn150917148	8.49E-07 ± 3.84E-08	8.48 ± 3.30	4.48 ± 1.21	2.05 ± 0.41
bn150919606	2.32E-06 ± 6.52E-08	8.68 ± 1.11	7.23 ± 0.52	5.68 ± 0.25
bn150922234	9.57E-07 ± 1.69E-08	23.28 ± 1.26	12.30 ± 0.60	2.85 ± 0.18

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150922718	1.18E-06 ± 5.84E-08	2.98 ± 1.01	1.81 ± 0.39	1.24 ± 0.16
bn150922883	6.48E-07 ± 1.62E-08	4.82 ± 1.21	3.83 ± 0.58	2.84 ± 0.28
bn150923297	1.10E-07 ± 2.23E-08	7.74 ± 1.03	4.21 ± 0.45	1.75 ± 0.20
bn150923429	2.61E-07 ± 1.89E-08	6.31 ± 0.99	4.31 ± 0.45	1.72 ± 0.22
bn150923864	1.58E-06 ± 1.45E-08	16.51 ± 1.08	14.30 ± 0.52	7.95 ± 0.23
bn150923995	8.33E-07 ± 2.92E-08	4.08 ± 1.04	2.48 ± 0.33	1.85 ± 0.16
bn150928359	3.55E-06 ± 4.49E-08	5.12 ± 1.23	3.88 ± 0.52	3.37 ± 0.25
bn151001348	2.02E-05 ± 1.39E-07	8.06 ± 1.40	6.59 ± 0.65	5.85 ± 0.31
bn151001628	2.67E-06 ± 6.46E-08	3.71 ± 1.26	2.60 ± 0.42	1.95 ± 0.20
bn151003729	1.35E-06 ± 5.72E-08	6.32 ± 2.10	3.30 ± 0.83	2.05 ± 0.35
bn151006413	1.22E-05 ± 4.70E-08	6.97 ± 1.04	5.82 ± 0.51	4.97 ± 0.23
bn151009949	1.43E-06 ± 3.07E-08	6.31 ± 1.29	4.81 ± 0.28	3.81 ± 0.24
bn151011136	7.55E-06 ± 9.25E-08	9.83 ± 1.71	8.79 ± 0.79	7.54 ± 0.39
bn151014592	2.89E-06 ± 3.60E-08	3.83 ± 0.98	3.50 ± 0.44	3.01 ± 0.21
bn151021791	1.23E-05 ± 3.80E-08	24.76 ± 1.63	22.64 ± 0.79	21.46 ± 0.39
bn151022577	2.77E-07 ± 2.09E-08	10.87 ± 1.52	7.00 ± 0.67	2.16 ± 0.24
bn151023104	1.34E-06 ± 2.34E-08	6.05 ± 1.48	4.49 ± 0.61	3.92 ± 0.29
bn151024179	2.79E-07 ± 2.03E-08	3.51 ± 1.13	2.02 ± 0.44	1.52 ± 0.19
bn151026169	1.80E-06 ± 3.72E-08	3.49 ± 1.32	2.24 ± 0.50	1.37 ± 0.22
bn151026523	4.32E-06 ± 6.95E-08	5.34 ± 2.35	3.43 ± 0.48	2.50 ± 0.31
bn151027166	1.41E-05 ± 6.10E-08	13.08 ± 1.37	11.97 ± 0.68	11.37 ± 0.34
bn151030999	5.00E-05 ± 5.21E-08	21.12 ± 1.47	19.57 ± 0.71	17.44 ± 0.37
bn151107851	2.96E-05 ± 1.25E-07	12.29 ± 1.06	11.33 ± 0.48	10.86 ± 0.24
bn151111356	2.21E-06 ± 3.11E-08	3.70 ± 1.04	1.84 ± 0.38	1.44 ± 0.18
bn151114645	2.20E-06 ± 5.48E-08	3.26 ± 1.02	1.54 ± 0.39	0.87 ± 0.18
bn151117442	8.78E-06 ± 6.83E-08	8.35 ± 1.27	7.61 ± 0.60	6.13 ± 0.29
bn151118554	4.27E-06 ± 6.51E-08	5.42 ± 0.99	4.91 ± 0.46	4.16 ± 0.22
bn151120349	9.65E-06 ± 2.54E-08	9.22 ± 1.23	8.05 ± 0.62	7.21 ± 0.28
bn151122709	2.28E-06 ± 9.41E-08	4.46 ± 1.27	3.07 ± 0.37	1.97 ± 0.28
bn151126293	9.61E-07 ± 3.62E-08	5.39 ± 1.17	3.86 ± 0.50	3.46 ± 0.23
bn151129333	3.95E-06 ± 7.55E-08	4.67 ± 1.11	3.08 ± 0.45	2.35 ± 0.20
bn151130160	2.38E-06 ± 2.40E-08	4.84 ± 1.04	4.04 ± 0.49	3.55 ± 0.24
bn151202565	6.98E-07 ± 2.85E-08	6.69 ± 1.42	5.72 ± 0.35	3.38 ± 0.23
bn151205657	1.84E-06 ± 4.11E-08	3.82 ± 1.00	2.54 ± 0.47	1.36 ± 0.15
bn151210041	3.45E-06 ± 5.07E-08	4.33 ± 1.17	3.01 ± 0.52	2.43 ± 0.23
bn151211672	6.30E-06 ± 3.36E-08	5.45 ± 1.10	3.89 ± 0.49	3.24 ± 0.23
bn151212030	2.06E-06 ± 6.97E-08	7.07 ± 1.79	5.30 ± 0.76	3.56 ± 0.32
bn151212064	8.41E-06 ± 3.25E-08	14.25 ± 1.24	13.15 ± 0.62	12.22 ± 0.29
bn151218857	6.61E-07 ± 1.99E-08	7.21 ± 1.10	6.51 ± 0.56	4.08 ± 0.24
bn151219567	4.79E-06 ± 5.66E-08	6.76 ± 1.42	5.95 ± 0.64	5.63 ± 0.29

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn151222340	2.14E-06 ± 3.71E-08	12.86 ± 1.86	11.34 ± 0.91	5.74 ± 0.39
bn151227072	4.83E-06 ± 3.31E-08	27.97 ± 1.74	25.85 ± 0.84	21.15 ± 0.39
bn151227218	4.40E-05 ± 1.84E-07	45.02 ± 2.18	43.53 ± 1.08	36.15 ± 0.50
bn151228129	4.63E-07 ± 3.64E-08	12.42 ± 1.90	6.84 ± 0.83	1.91 ± 0.34
bn151228949	3.78E-06 ± 1.96E-08	14.04 ± 4.43	14.04 ± 1.11	7.58 ± 0.95
bn151229285	1.11E-06 ± 1.58E-08	15.74 ± 1.55	13.78 ± 0.74	11.04 ± 0.34
bn151229486	1.46E-07 ± 1.06E-08	6.05 ± 1.43	3.96 ± 0.64	1.20 ± 0.23
bn151231443	8.59E-05 ± 2.34E-07	59.00 ± 7.84	51.67 ± 3.05	46.85 ± 1.51
bn151231568	1.20E-06 ± 1.61E-08	14.77 ± 1.22	13.24 ± 0.62	5.20 ± 0.25
bn160101030	1.76E-05 ± 2.37E-08	44.07 ± 4.49	40.57 ± 1.99	35.68 ± 0.92
bn160101215	1.87E-06 ± 3.30E-08	6.42 ± 1.31	5.12 ± 0.56	4.34 ± 0.28
bn160102500	2.30E-06 ± 1.99E-08	7.46 ± 1.35	6.54 ± 0.65	5.42 ± 0.31
bn160102936	3.02E-06 ± 2.42E-08	8.28 ± 1.10	7.13 ± 0.54	5.91 ± 0.24
bn160104475	4.82E-07 ± 2.15E-08	4.01 ± 1.04	3.59 ± 0.37	1.93 ± 0.20
bn160104918	2.73E-06 ± 5.56E-08	6.23 ± 1.21	4.22 ± 0.54	3.24 ± 0.23
bn160106948	4.53E-05 ± 9.14E-08	20.22 ± 1.83	17.47 ± 0.88	16.00 ± 0.44
bn160107931	2.73E-05 ± 1.16E-07	27.95 ± 1.49	26.07 ± 0.73	16.82 ± 0.34
bn160111115	2.63E-06 ± 5.03E-08	8.88 ± 1.45	7.93 ± 0.68	5.99 ± 0.29
bn160113398	3.27E-05 ± 2.65E-08	32.22 ± 2.13	28.90 ± 1.01	27.75 ± 0.50
bn160118060	2.98E-05 ± 4.55E-08	23.40 ± 2.35	20.38 ± 1.09	15.75 ± 0.51
bn160119072	7.53E-07 ± 3.55E-08	3.46 ± 0.99	1.88 ± 0.41	1.11 ± 0.16
bn160123095	8.96E-07 ± 3.40E-08	4.25 ± 1.14	2.75 ± 0.55	1.62 ± 0.25
bn160125368	1.21E-06 ± 3.02E-08	8.42 ± 1.31	8.03 ± 0.45	6.57 ± 0.20
bn160131116	1.77E-06 ± 5.17E-08	4.30 ± 1.23	3.51 ± 0.62	2.98 ± 0.29
bn160131174	1.18E-05 ± 9.33E-08	9.02 ± 1.86	7.82 ± 0.78	6.46 ± 0.37
bn160201883	5.31E-06 ± 8.00E-08	6.74 ± 1.42	5.28 ± 0.61	4.22 ± 0.25
bn160206430	2.80E-06 ± 5.21E-08	5.84 ± 1.22	3.64 ± 0.53	3.03 ± 0.24
bn160211119	1.45E-07 ± 1.25E-08	3.20 ± 1.13	2.74 ± 0.38	2.02 ± 0.21
bn160215773	5.04E-05 ± 6.92E-08	23.23 ± 1.55	21.32 ± 0.76	14.10 ± 0.34
bn160216801	9.90E-06 ± 2.18E-08	59.54 ± 2.45	57.93 ± 5.11	54.35 ± 2.05
bn160218711	1.27E-06 ± 2.60E-08	3.90 ± 0.93	3.16 ± 0.48	2.57 ± 0.23
bn160219289	1.11E-06 ± 7.52E-08	19.19 ± 1.11	9.99 ± 0.54	2.95 ± 0.18
bn160219673	1.02E-05 ± 5.11E-08	7.44 ± 1.18	6.41 ± 0.53	6.19 ± 0.27
bn160220059	6.19E-07 ± 1.35E-08	3.07 ± 1.02	2.41 ± 0.34	1.74 ± 0.21
bn160220868	1.21E-06 ± 1.09E-07	2.73 ± 1.17	1.66 ± 0.34	0.91 ± 0.15
bn160221993	1.75E-06 ± 2.52E-08	6.55 ± 1.54	5.41 ± 0.61	4.05 ± 0.29
bn160222070	1.27E-06 ± 3.00E-08	4.21 ± 1.01	2.22 ± 0.44	1.84 ± 0.21
bn160223072	8.94E-06 ± 5.86E-08	8.72 ± 1.13	6.71 ± 0.51	5.19 ± 0.23
bn160223416	3.61E-06 ± 7.24E-08	5.34 ± 0.95	4.40 ± 0.47	3.06 ± 0.20
bn160223670	1.22E-05 ± 4.80E-08	7.98 ± 1.79	6.65 ± 0.74	5.35 ± 0.34

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160224911	1.21E-07 ± 2.28E-08	4.52 ± 1.25	3.30 ± 0.49	1.58 ± 0.22
bn160225720	1.45E-04 ± 2.00E-06	1110.09 ± 1105.76	1110.09 ± 276.44	463.54 ± 74.03
bn160225809	1.77E-05 ± 6.57E-08	14.67 ± 1.56	13.78 ± 0.76	12.92 ± 0.37
bn160226913	4.97E-06 ± 4.69E-08	3.81 ± 1.10	2.55 ± 0.46	1.87 ± 0.22
bn160227831	1.66E-05 ± 4.20E-08	15.18 ± 1.22	13.04 ± 0.58	10.27 ± 0.27
bn160228034	7.19E-07 ± 1.99E-08	3.32 ± 1.03	2.27 ± 0.36	1.50 ± 0.19
bn160301215	5.93E-06 ± 4.08E-08	6.09 ± 1.01	5.07 ± 0.48	4.74 ± 0.24
bn160303201	1.43E-05 ± 1.50E-07	19.65 ± 2.22	17.45 ± 1.02	12.56 ± 0.49
bn160303971	1.38E-06 ± 3.56E-08	3.65 ± 1.18	2.55 ± 0.44	1.97 ± 0.21
bn160308709	8.20E-07 ± 2.84E-08	3.51 ± 1.20	1.78 ± 0.34	1.29 ± 0.17
bn160310016	5.25E-06 ± 4.14E-08	9.99 ± 1.29	9.11 ± 0.57	7.57 ± 0.28
bn160310291	2.54E-06 ± 6.17E-08	10.61 ± 1.46	8.63 ± 0.76	6.56 ± 0.36
bn160314473	1.32E-07 ± 1.77E-08	5.88 ± 1.18	3.39 ± 0.47	1.16 ± 0.20
bn160314929	4.47E-06 ± 5.86E-08	5.15 ± 1.11	3.55 ± 0.49	3.06 ± 0.23
bn160315739	3.05E-07 ± 2.27E-08	3.85 ± 1.19	2.16 ± 0.49	1.30 ± 0.20
bn160316139	1.91E-06 ± 6.18E-08	4.41 ± 1.17	3.17 ± 0.52	2.20 ± 0.25
bn160316573	3.49E-06 ± 7.18E-08	7.60 ± 3.07	5.55 ± 1.23	3.50 ± 0.40
bn160317385	2.56E-06 ± 1.12E-07	10.63 ± 4.73	6.54 ± 1.58	5.15 ± 0.66
bn160318342	8.97E-07 ± 3.64E-08	3.78 ± 1.61	2.97 ± 0.53	1.64 ± 0.22
bn160323293	1.39E-06 ± 3.91E-08	7.61 ± 1.52	6.01 ± 0.69	3.51 ± 0.30
bn160325291	1.86E-05 ± 1.98E-07	11.29 ± 1.22	9.09 ± 0.60	8.48 ± 0.31
bn160326062	1.85E-06 ± 3.57E-08	5.69 ± 1.28	4.26 ± 0.52	3.12 ± 0.19
bn160330827	1.03E-05 ± 5.59E-08	8.23 ± 1.34	7.53 ± 0.67	5.93 ± 0.30
bn160401065	9.31E-06 ± 4.51E-08	14.27 ± 1.42	11.65 ± 0.66	10.67 ± 0.32
bn160406023	3.01E-06 ± 3.18E-08	7.78 ± 1.48	6.32 ± 0.66	5.60 ± 0.29
bn160406503	5.32E-07 ± 3.17E-08	17.21 ± 1.23	9.91 ± 0.61	2.56 ± 0.20
bn160406570	4.66E-06 ± 4.81E-08	5.42 ± 2.23	3.74 ± 0.81	2.57 ± 0.35
bn160407673	3.30E-06 ± 2.74E-08	6.56 ± 1.15	5.69 ± 0.56	4.09 ± 0.25
bn160408268	6.98E-07 ± 2.80E-08	12.74 ± 1.33	10.12 ± 0.68	4.05 ± 0.25
bn160411062	2.25E-07 ± 1.89E-08	5.52 ± 1.39	4.80 ± 0.65	2.31 ± 0.27
bn160416022	5.07E-06 ± 1.07E-07	6.95 ± 1.37	6.95 ± 0.34	4.55 ± 0.21
bn160419637	1.52E-06 ± 6.11E-08	3.79 ± 1.10	2.78 ± 0.50	1.92 ± 0.25
bn160421137	3.96E-05 ± 1.80E-07	23.50 ± 1.92	22.20 ± 1.00	17.77 ± 0.47
bn160422499	8.80E-05 ± 7.05E-08	106.98 ± 2.35	102.63 ± 1.16	93.75 ± 0.57
bn160423066	8.13E-07 ± 3.23E-08	4.40 ± 1.16	3.35 ± 0.37	2.47 ± 0.20
bn160424492	2.73E-06 ± 2.45E-08	9.66 ± 1.32	8.16 ± 0.60	7.30 ± 0.29
bn160428412	1.78E-07 ± 3.35E-08	8.87 ± 2.16	7.29 ± 1.04	2.97 ± 0.45
bn160503567	2.13E-06 ± 5.17E-08	4.11 ± 0.97	3.62 ± 0.52	2.55 ± 0.23
bn160508290	1.12E-06 ± 2.44E-08	3.70 ± 1.11	2.80 ± 0.49	2.19 ± 0.23
bn160509374	1.79E-04 ± 1.50E-07	83.64 ± 2.32	81.35 ± 1.15	73.07 ± 0.56

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160512199	9.87E-06 ± 4.62E-08	10.19 ± 1.30	9.20 ± 0.60	8.17 ± 0.29
bn160512536	3.41E-06 ± 6.13E-08	4.47 ± 1.44	2.77 ± 0.51	2.21 ± 0.24
bn160513553	2.31E-07 ± 3.29E-08	7.78 ± 2.52	4.47 ± 1.17	2.69 ± 0.51
bn160513962	1.93E-06 ± 7.01E-08	3.38 ± 1.17	2.56 ± 0.52	1.76 ± 0.24
bn160515819	6.00E-06 ± 9.13E-08	5.14 ± 1.30	4.48 ± 0.52	3.45 ± 0.24
bn160516237	1.95E-06 ± 7.77E-08	26.82 ± 16.70	16.07 ± 3.25	14.06 ± 1.41
bn160518039	3.75E-06 ± 6.36E-08	6.80 ± 1.48	5.62 ± 0.68	4.61 ± 0.32
bn160518985	3.33E-06 ± 4.00E-08	5.34 ± 1.21	3.89 ± 0.44	2.80 ± 0.20
bn160519012	2.46E-06 ± 1.93E-08	6.56 ± 1.05	4.78 ± 0.49	4.16 ± 0.24
bn160519060	3.17E-06 ± 4.37E-08	7.50 ± 1.17	6.25 ± 0.56	5.99 ± 0.25
bn160519677	1.28E-06 ± 4.41E-08	5.84 ± 1.64	3.61 ± 0.69	2.69 ± 0.27
bn160521385	1.21E-05 ± 7.57E-08	63.43 ± 2.10	54.44 ± 0.96	42.38 ± 0.44
bn160521839	2.62E-06 ± 3.88E-08	10.44 ± 1.18	8.04 ± 0.58	6.47 ± 0.28
bn160522445	5.77E-06 ± 4.32E-08	6.12 ± 1.42	5.21 ± 0.59	4.40 ± 0.28
bn160523919	7.47E-06 ± 3.63E-08	6.59 ± 1.40	5.00 ± 0.25	4.59 ± 0.26
bn160527080	1.66E-06 ± 4.65E-08	4.58 ± 1.32	3.36 ± 0.56	2.89 ± 0.26
bn160528276	7.43E-07 ± 6.94E-08	7.96 ± 2.94	4.49 ± 1.20	3.43 ± 0.58
bn160530667	9.19E-05 ± 4.99E-08	114.75 ± 2.77	112.33 ± 1.37	107.73 ± 0.68
bn160603719	1.97E-07 ± 4.15E-08	4.76 ± 1.18	3.99 ± 0.48	1.95 ± 0.21
bn160605847	2.73E-06 ± 4.29E-08	15.97 ± 2.19	15.09 ± 1.09	14.25 ± 0.43
bn160609690	5.15E-08 ± 1.58E-08	2.61 ± 0.94	1.93 ± 0.46	0.86 ± 0.21
bn160609941	2.13E-06 ± 9.73E-08	4.87 ± 1.50	3.64 ± 0.63	2.61 ± 0.26
bn160612842	9.10E-07 ± 1.55E-08	20.02 ± 1.36	10.40 ± 0.59	3.24 ± 0.22
bn160621497	4.65E-06 ± 4.84E-08	3.66 ± 0.86	2.43 ± 0.40	2.16 ± 0.20
bn160623209	3.96E-06 ± 6.87E-08	4.27 ± 1.36	2.68 ± 0.54	1.79 ± 0.26
bn160624477	3.92E-07 ± 8.46E-09	7.43 ± 1.02	5.70 ± 0.54	1.78 ± 0.22
bn160625230	3.35E-06 ± 3.58E-08	5.02 ± 0.83	4.05 ± 0.39	3.63 ± 0.19
bn160625240	1.28E-06 ± 3.01E-08	6.05 ± 1.38	4.96 ± 0.68	4.14 ± 0.33
bn160625945	6.43E-04 ± 1.85E-07	228.16 ± 4.09	224.79 ± 2.01	216.85 ± 0.99
bn160628136	7.51E-07 ± 5.13E-08	6.13 ± 1.29	4.21 ± 0.52	2.51 ± 0.23
bn160628579	3.89E-06 ± 2.30E-08	21.40 ± 1.81	20.78 ± 0.86	17.11 ± 0.41
bn160629930	1.31E-05 ± 3.52E-08	7.44 ± 0.99	6.58 ± 0.46	5.57 ± 0.22
bn160709370	7.02E-06 ± 5.05E-08	6.56 ± 1.45	4.94 ± 0.64	4.41 ± 0.31
bn160709826	2.28E-06 ± 1.13E-08	23.20 ± 1.53	15.60 ± 0.69	8.50 ± 0.30
bn160710233	1.58E-06 ± 3.05E-08	3.08 ± 1.09	2.11 ± 0.40	1.72 ± 0.21
bn160711968	8.95E-07 ± 2.71E-08	4.79 ± 0.85	4.07 ± 0.43	2.75 ± 0.19
bn160714097	1.12E-07 ± 1.48E-08	5.87 ± 0.98	3.85 ± 0.36	1.80 ± 0.16
bn160716144	2.88E-06 ± 3.12E-08	6.30 ± 1.22	4.59 ± 0.36	3.16 ± 0.23
bn160717813	1.70E-05 ± 6.81E-08	9.71 ± 1.27	8.92 ± 0.60	7.96 ± 0.29
bn160718975	2.47E-06 ± 2.26E-08	10.23 ± 1.24	8.73 ± 0.51	7.63 ± 0.26

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160720275	2.22E-06 ± 5.61E-08	5.18 ± 1.03	4.42 ± 0.46	4.09 ± 0.24
bn160720767	1.33E-04 ± 8.11E-08	60.55 ± 3.21	58.13 ± 1.57	53.78 ± 0.76
bn160721806	2.42E-06 ± 1.24E-07	13.29 ± 2.05	10.98 ± 1.13	5.37 ± 0.55
bn160724444	1.15E-05 ± 2.31E-08	33.28 ± 1.92	30.61 ± 0.93	25.57 ± 0.44
bn160726065	1.01E-06 ± 1.64E-08	23.25 ± 1.43	15.18 ± 0.64	5.54 ± 0.24
bn160727971	7.13E-07 ± 5.05E-08	7.69 ± 1.31	6.79 ± 0.63	5.01 ± 0.25
bn160728337	9.51E-07 ± 6.22E-08	3.77 ± 1.20	2.12 ± 0.35	1.59 ± 0.23
bn160731024	2.88E-06 ± 3.68E-08	13.56 ± 1.65	11.95 ± 0.55	9.73 ± 0.32
bn160802259	6.84E-05 ± 5.71E-08	90.65 ± 3.22	84.64 ± 1.56	72.48 ± 0.74
bn160804065	1.62E-05 ± 2.48E-07	7.24 ± 1.64	5.64 ± 0.47	4.61 ± 0.27
bn160804180	1.09E-06 ± 3.02E-08	11.24 ± 1.35	8.47 ± 0.60	5.15 ± 0.27
bn160804775	8.82E-06 ± 5.18E-08	6.43 ± 2.28	4.25 ± 0.78	3.20 ± 0.27
bn160804968	2.81E-07 ± 1.87E-08	12.90 ± 1.23	8.01 ± 0.51	2.26 ± 0.20
bn160806584	1.65E-06 ± 2.79E-08	18.53 ± 2.10	15.03 ± 0.95	11.17 ± 0.44
bn160813297	1.05E-06 ± 3.26E-08	4.96 ± 1.14	3.88 ± 0.49	3.03 ± 0.24
bn160814622	3.91E-07 ± 5.32E-08	2.55 ± 0.80	2.12 ± 0.37	1.72 ± 0.18
bn160815299	1.22E-06 ± 5.22E-08	4.45 ± 1.60	2.82 ± 0.68	1.81 ± 0.32
bn160815490	2.10E-06 ± 4.02E-08	11.17 ± 1.44	8.79 ± 0.68	7.72 ± 0.31
bn160816414	8.41E-07 ± 3.64E-08	3.78 ± 0.88	3.03 ± 0.45	2.50 ± 0.20
bn160816730	3.33E-05 ± 1.71E-08	63.73 ± 1.95	59.44 ± 0.95	39.13 ± 0.41
bn160818198	1.68E-06 ± 1.36E-08	10.68 ± 1.36	8.57 ± 0.61	7.88 ± 0.30
bn160818230	4.92E-07 ± 2.14E-08	8.18 ± 2.05	6.92 ± 0.92	2.92 ± 0.35
bn160819852	1.69E-05 ± 8.02E-08	21.70 ± 1.59	19.19 ± 0.76	17.43 ± 0.38
bn160820496	7.58E-07 ± 9.47E-09	12.88 ± 1.01	8.91 ± 0.49	3.43 ± 0.19
bn160821857	5.22E-04 ± 8.59E-08	130.46 ± 2.85	126.22 ± 1.52	123.08 ± 0.73
bn160821937	1.95E-07 ± 2.02E-08	9.16 ± 1.19	7.06 ± 0.57	2.86 ± 0.22
bn160822672	2.95E-06 ± 1.87E-07	295.76 ± 42.81	149.15 ± 11.21	35.42 ± 4.87
bn160824598	9.51E-06 ± 1.84E-08	16.35 ± 1.68	13.75 ± 0.80	11.71 ± 0.40
bn160825799	2.03E-06 ± 1.19E-08	18.03 ± 1.29	14.44 ± 0.62	8.78 ± 0.24
bn160826938	2.98E-07 ± 1.43E-08	4.11 ± 1.02	3.53 ± 0.49	2.98 ± 0.24
bn160827586	6.02E-06 ± 1.07E-07	7.74 ± 2.44	5.21 ± 0.93	3.99 ± 0.45
bn160827616	6.36E-07 ± 3.23E-08	5.62 ± 1.30	4.25 ± 0.60	2.97 ± 0.26
bn160827837	1.25E-06 ± 2.75E-08	4.04 ± 1.13	2.42 ± 0.44	2.11 ± 0.22
bn160829334	3.40E-07 ± 1.11E-08	5.33 ± 0.91	4.65 ± 0.43	1.77 ± 0.18
bn160831411	6.21E-06 ± 3.87E-08	5.13 ± 1.18	3.98 ± 0.46	3.48 ± 0.24
bn160905471	7.32E-05 ± 3.65E-07	19.85 ± 1.42	17.12 ± 0.69	16.21 ± 0.34
bn160908136	2.83E-06 ± 9.50E-08	4.70 ± 1.36	2.99 ± 0.45	2.19 ± 0.23
bn160909061	1.92E-06 ± 3.77E-08	6.42 ± 1.26	4.54 ± 0.67	2.99 ± 0.29
bn160910722	7.97E-05 ± 2.53E-08	82.29 ± 2.03	78.88 ± 0.99	76.47 ± 0.50
bn160912350	4.10E-06 ± 4.80E-08	6.92 ± 1.01	6.13 ± 0.47	4.77 ± 0.22

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160912521	2.29E-05 ± 9.40E-08	10.66 ± 1.58	9.67 ± 0.78	8.71 ± 0.38
bn160912674	3.19E-06 ± 3.03E-08	3.35 ± 0.99	3.07 ± 0.24	1.57 ± 0.21
bn160917456	5.36E-06 ± 2.53E-08	6.76 ± 0.98	5.92 ± 0.45	5.22 ± 0.22
bn160917479	5.23E-06 ± 6.19E-08	7.31 ± 0.97	6.40 ± 0.45	5.05 ± 0.21
bn160917921	4.79E-07 ± 4.09E-08	3.61 ± 1.29	1.92 ± 0.47	1.26 ± 0.20
bn160919613	5.53E-06 ± 5.45E-08	6.49 ± 1.35	5.92 ± 0.63	4.63 ± 0.26
bn160919858	1.68E-06 ± 1.95E-08	3.70 ± 1.52	1.82 ± 0.37	1.51 ± 0.17
bn160920249	1.45E-06 ± 2.82E-08	6.82 ± 1.39	5.82 ± 0.64	5.03 ± 0.27
bn160921087	3.91E-06 ± 2.24E-08	7.51 ± 1.45	6.37 ± 0.59	5.36 ± 0.25
bn160922856	8.69E-07 ± 2.44E-08	3.25 ± 0.92	3.14 ± 0.33	2.49 ± 0.16
bn160924253	1.03E-06 ± 5.54E-08	3.44 ± 1.18	1.74 ± 0.31	1.20 ± 0.18
bn160925221	2.32E-06 ± 2.42E-08	2.63 ± 0.93	1.81 ± 0.35	1.43 ± 0.16
bn160928825	5.44E-06 ± 5.14E-08	19.16 ± 1.70	16.59 ± 0.81	10.65 ± 0.37
bn160929529	9.81E-07 ± 2.60E-08	3.17 ± 0.78	2.26 ± 0.38	1.73 ± 0.20
bn161001045	1.76E-06 ± 1.52E-08	17.61 ± 1.25	14.51 ± 0.62	6.91 ± 0.26
bn161004964	1.73E-05 ± 2.87E-08	18.98 ± 1.88	17.03 ± 0.88	15.78 ± 0.42
bn161005977	1.24E-06 ± 4.32E-08	4.63 ± 1.37	2.80 ± 0.61	2.00 ± 0.26
bn161007009	1.12E-06 ± 3.79E-08	2.84 ± 1.23	1.73 ± 0.35	1.06 ± 0.14
bn161009651	6.07E-06 ± 3.28E-08	5.60 ± 1.22	4.04 ± 0.53	3.29 ± 0.25
bn161012214	1.00E-06 ± 4.15E-08	4.46 ± 1.24	2.94 ± 0.61	2.00 ± 0.27
bn161012416	1.58E-06 ± 3.31E-08	3.22 ± 0.95	2.15 ± 0.39	1.79 ± 0.19
bn161012637	6.14E-07 ± 2.60E-08	5.45 ± 1.31	3.18 ± 0.63	2.16 ± 0.29
bn161013948	1.15E-06 ± 2.79E-08	2.52 ± 0.51	2.09 ± 0.28	1.25 ± 0.13
bn161014522	6.10E-06 ± 4.67E-08	9.40 ± 1.29	7.56 ± 0.62	5.66 ± 0.29
bn161015400	1.07E-07 ± 2.01E-08	6.51 ± 1.40	4.24 ± 0.56	1.24 ± 0.20
bn161015710	1.18E-05 ± 1.60E-08	16.35 ± 1.33	13.86 ± 0.66	11.54 ± 0.32
bn161017745	4.86E-06 ± 6.31E-08	9.81 ± 2.09	7.28 ± 1.06	5.82 ± 0.48
bn161020024	8.08E-07 ± 1.71E-08	4.13 ± 0.95	3.43 ± 0.49	2.34 ± 0.22
bn161020759	2.92E-05 ± 5.47E-08	28.58 ± 1.65	26.45 ± 0.80	25.09 ± 0.39
bn161020767	5.00E-06 ± 4.12E-08	12.00 ± 1.27	8.49 ± 0.54	6.03 ± 0.28
bn161022114	1.73E-06 ± 8.79E-08	6.33 ± 2.68	4.43 ± 0.81	2.89 ± 0.42
bn161026373	1.44E-07 ± 1.60E-08	5.86 ± 1.08	4.14 ± 0.49	0.99 ± 0.19
bn161105417	9.54E-06 ± 3.60E-08	11.33 ± 1.23	10.17 ± 0.58	8.26 ± 0.29
bn161106499	1.45E-05 ± 2.66E-08	18.24 ± 1.19	17.25 ± 0.57	16.28 ± 0.29
bn161106786	1.23E-06 ± 2.19E-08	6.31 ± 1.26	5.91 ± 0.57	5.08 ± 0.27
bn161109263	2.09E-05 ± 6.01E-08	18.68 ± 1.33	18.17 ± 0.69	16.65 ± 0.34
bn161110179	1.59E-07 ± 2.56E-08	2.94 ± 0.72	2.15 ± 0.40	1.54 ± 0.16
bn161111197	2.65E-06 ± 4.06E-08	5.19 ± 1.33	4.15 ± 0.56	3.27 ± 0.23
bn161112496	3.61E-06 ± 4.87E-08	8.78 ± 3.29	5.22 ± 0.59	4.02 ± 0.28
bn161115745	1.64E-07 ± 2.28E-08	6.26 ± 0.88	1.86 ± 0.35	0.24 ± 0.16

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn161117066	3.12E-05 ± 1.07E-07	14.65 ± 2.30	11.48 ± 1.02	10.30 ± 0.47
bn161119633	6.85E-06 ± 5.80E-08	7.06 ± 1.24	5.23 ± 0.59	4.48 ± 0.24
bn161121186	2.53E-08 ± 1.25E-08	2.72 ± 0.88	1.98 ± 0.37	0.76 ± 0.18
bn161125931	4.71E-06 ± 3.21E-08	4.83 ± 1.04	4.18 ± 0.46	3.56 ± 0.22
bn161128216	7.23E-07 ± 1.75E-08	7.82 ± 2.25	5.54 ± 0.75	4.23 ± 0.30
bn161129300	6.54E-06 ± 4.30E-08	11.92 ± 1.45	7.09 ± 0.63	5.65 ± 0.31
bn161201342	1.77E-06 ± 2.79E-08	7.72 ± 1.43	5.02 ± 0.65	4.42 ± 0.30
bn161205561	3.17E-06 ± 3.88E-08	5.80 ± 1.31	4.89 ± 0.50	3.56 ± 0.22
bn161206064	3.72E-05 ± 3.87E-08	15.74 ± 1.26	14.43 ± 0.63	13.46 ± 0.31
bn161207224	2.94E-07 ± 3.04E-08	3.44 ± 1.23	1.84 ± 0.46	1.25 ± 0.17
bn161207813	4.33E-06 ± 6.77E-08	5.43 ± 1.21	3.64 ± 0.51	2.90 ± 0.23
bn161210524	5.59E-07 ± 2.39E-08	3.90 ± 0.91	3.43 ± 0.48	2.91 ± 0.24
bn161212652	4.60E-07 ± 2.49E-08	5.08 ± 1.79	4.38 ± 0.84	2.69 ± 0.39
bn161213295	1.19E-06 ± 3.08E-08	2.95 ± 1.18	2.21 ± 0.44	1.40 ± 0.17
bn161214722	3.11E-06 ± 3.72E-08	5.57 ± 1.16	4.38 ± 0.49	3.67 ± 0.25
bn161217128	5.13E-07 ± 4.22E-08	3.12 ± 1.02	2.32 ± 0.49	1.80 ± 0.23
bn161218222	7.26E-07 ± 2.56E-08	15.96 ± 1.11	9.97 ± 0.49	2.79 ± 0.17
bn161218356	8.57E-05 ± 3.32E-08	109.24 ± 2.55	104.05 ± 1.26	74.06 ± 0.56
bn161220605	8.95E-06 ± 4.20E-08	11.06 ± 1.31	10.00 ± 0.67	9.35 ± 0.33
bn161227498	1.02E-06 ± 2.58E-08	7.34 ± 1.13	6.09 ± 0.51	5.08 ± 0.24
bn161228032	3.76E-06 ± 3.10E-08	4.89 ± 2.07	3.24 ± 0.41	2.60 ± 0.19
bn161228388	3.60E-06 ± 5.91E-08	4.36 ± 1.11	3.62 ± 0.41	2.20 ± 0.24
bn161228405	3.27E-06 ± 6.91E-08	5.86 ± 1.07	5.35 ± 0.51	4.63 ± 0.24
bn161228553	4.68E-06 ± 6.94E-08	4.41 ± 1.03	3.63 ± 0.49	3.20 ± 0.23
bn161229878	3.82E-05 ± 3.72E-08	17.22 ± 1.43	14.25 ± 0.68	11.10 ± 0.32
bn161230298	1.73E-07 ± 1.06E-08	7.52 ± 1.09	3.31 ± 0.42	1.10 ± 0.20
bn161230511	2.62E-06 ± 5.27E-08	3.81 ± 1.16	2.91 ± 0.54	2.42 ± 0.24
bn170101116	1.30E-05 ± 4.76E-08	9.14 ± 1.32	7.93 ± 0.61	6.97 ± 0.29
bn170101374	6.29E-07 ± 4.91E-08	3.84 ± 1.22	2.90 ± 0.53	2.62 ± 0.25
bn170106968	1.07E-06 ± 1.22E-07	7.52 ± 3.39	3.31 ± 1.03	1.56 ± 0.31
bn170109137	1.40E-05 ± 6.27E-08	6.42 ± 0.99	5.33 ± 0.41	4.93 ± 0.23
bn170110967	1.27E-06 ± 3.44E-08	3.61 ± 0.85	2.76 ± 0.40	2.21 ± 0.19
bn170111760	2.62E-07 ± 2.50E-08	6.53 ± 1.17	4.52 ± 0.54	1.63 ± 0.21
bn170111815	5.96E-07 ± 1.21E-08	7.57 ± 1.04	7.54 ± 0.37	5.02 ± 0.23
bn170112970	5.62E-07 ± 1.75E-08	4.57 ± 0.91	3.69 ± 0.49	3.13 ± 0.23
bn170113420	2.04E-06 ± 7.91E-08	6.76 ± 2.32	5.99 ± 0.57	2.93 ± 0.38
bn170114833	1.39E-05 ± 3.71E-08	14.33 ± 1.33	13.04 ± 0.65	12.12 ± 0.31
bn170114917	1.82E-05 ± 6.18E-08	32.24 ± 1.98	29.72 ± 0.93	26.68 ± 0.45
bn170115662	5.64E-06 ± 4.22E-08	5.34 ± 1.36	4.88 ± 0.53	4.07 ± 0.27
bn170115743	5.19E-05 ± 6.29E-08	21.57 ± 1.98	19.93 ± 0.73	15.10 ± 0.32

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170116238	1.12E-06 ± 9.20E-08	9.76 ± 3.57	6.50 ± 1.11	5.44 ± 0.56
bn170119228	3.41E-06 ± 5.56E-08	5.59 ± 1.33	4.70 ± 0.58	4.02 ± 0.25
bn170120471	3.31E-06 ± 4.57E-08	6.20 ± 1.19	3.91 ± 0.52	3.14 ± 0.24
bn170121067	1.73E-06 ± 3.21E-08	10.29 ± 0.87	6.79 ± 0.43	5.34 ± 0.21
bn170121133	3.71E-07 ± 2.42E-08	7.11 ± 1.12	3.52 ± 0.54	2.32 ± 0.25
bn170121614	2.07E-05 ± 1.24E-07	11.87 ± 1.39	10.85 ± 0.69	9.39 ± 0.34
bn170124238	6.67E-06 ± 7.64E-08	5.60 ± 1.60	4.51 ± 0.65	3.95 ± 0.30
bn170124528	1.27E-07 ± 2.06E-08	6.92 ± 1.35	4.87 ± 0.56	1.32 ± 0.22
bn170124874	8.97E-06 ± 2.34E-08	7.78 ± 1.49	6.36 ± 0.61	5.38 ± 0.27
bn170125022	2.51E-07 ± 1.80E-08	2.65 ± 0.93	1.74 ± 0.38	1.39 ± 0.21
bn170125102	1.04E-07 ± 1.40E-08	5.33 ± 1.30	2.51 ± 0.57	1.09 ± 0.25
bn170126480	8.54E-06 ± 6.63E-08	14.68 ± 1.46	13.10 ± 0.70	12.31 ± 0.36
bn170127067	5.59E-06 ± 5.32E-08	89.52 ± 5.05	49.99 ± 2.01	12.85 ± 0.57
bn170127634	3.06E-07 ± 1.27E-08	8.44 ± 1.24	5.66 ± 0.53	2.07 ± 0.20
bn170130302	4.09E-06 ± 4.08E-08	6.06 ± 1.20	5.23 ± 0.56	4.24 ± 0.27
bn170130510	7.34E-06 ± 6.66E-08	8.15 ± 1.27	7.05 ± 0.61	5.96 ± 0.30
bn170130697	1.32E-06 ± 4.73E-08	2.90 ± 1.06	2.20 ± 0.34	1.54 ± 0.16
bn170131969	5.01E-06 ± 1.91E-07	7.26 ± 1.14	6.47 ± 0.57	4.92 ± 0.28
bn170203486	1.25E-07 ± 1.59E-08	6.89 ± 1.35	4.51 ± 0.43	1.41 ± 0.19
bn170205521	1.52E-06 ± 5.13E-08	19.47 ± 2.13	17.63 ± 0.96	14.76 ± 0.46
bn170206453	1.02E-05 ± 1.18E-07	56.95 ± 2.07	44.97 ± 0.95	34.83 ± 0.43
bn170207906	5.42E-05 ± 9.08E-08	36.68 ± 1.95	33.94 ± 0.96	26.62 ± 0.45
bn170208553	1.75E-05 ± 5.63E-08	18.16 ± 1.52	15.78 ± 0.72	13.16 ± 0.34
bn170208758	2.63E-06 ± 6.77E-08	12.14 ± 1.76	10.85 ± 0.80	8.14 ± 0.38
bn170208940	1.03E-05 ± 2.54E-08	14.65 ± 1.32	12.81 ± 0.56	12.10 ± 0.27
bn170209048	1.07E-05 ± 7.72E-08	16.30 ± 1.88	15.42 ± 0.93	12.42 ± 0.44
bn170210116	9.61E-05 ± 4.77E-08	40.75 ± 2.44	36.51 ± 1.16	31.27 ± 0.55
bn170212034	1.20E-06 ± 2.77E-08	4.64 ± 1.01	3.68 ± 0.46	2.42 ± 0.21
bn170214649	1.77E-04 ± 1.27E-07	23.70 ± 1.83	21.59 ± 0.89	18.35 ± 0.42
bn170219002	5.47E-07 ± 2.56E-08	35.24 ± 2.35	14.98 ± 0.90	3.69 ± 0.28
bn170219110	8.35E-07 ± 2.39E-08	5.88 ± 1.17	4.96 ± 0.55	3.38 ± 0.24
bn170222209	3.16E-06 ± 1.45E-08	17.78 ± 1.87	10.85 ± 0.90	9.02 ± 0.42
bn170228773	7.96E-06 ± 6.18E-08	9.77 ± 1.64	7.77 ± 0.77	6.49 ± 0.37
bn170228794	2.05E-05 ± 3.72E-08	12.75 ± 1.12	11.50 ± 0.50	10.16 ± 0.25
bn170301812	1.09E-06 ± 6.87E-08	4.04 ± 1.45	2.48 ± 0.55	1.96 ± 0.23
bn170302166	5.67E-07 ± 1.66E-08	6.80 ± 1.18	5.64 ± 0.56	4.59 ± 0.24
bn170302719	4.79E-06 ± 3.26E-08	6.56 ± 1.14	5.96 ± 0.38	5.20 ± 0.20
bn170302876	4.04E-06 ± 3.39E-08	3.93 ± 1.04	2.57 ± 0.49	1.80 ± 0.17
bn170304003	3.15E-07 ± 1.43E-08	24.14 ± 1.50	13.31 ± 0.58	3.73 ± 0.20
bn170305256	1.09E-06 ± 8.23E-09	31.01 ± 1.62	20.39 ± 0.72	7.10 ± 0.26

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Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170306130	4.03E-06 ± 2.16E-08	4.72 ± 0.83	3.82 ± 0.44	2.92 ± 0.21
bn170306588	2.69E-05 ± 7.17E-08	15.18 ± 1.24	13.57 ± 0.59	12.14 ± 0.28
bn170307851	1.44E-06 ± 2.55E-08	4.01 ± 1.20	2.39 ± 0.47	1.66 ± 0.22
bn170308221	1.90E-05 ± 2.73E-08	24.87 ± 1.67	24.07 ± 0.82	22.11 ± 0.40
bn170310417	6.75E-07 ± 2.26E-08	6.23 ± 0.97	4.82 ± 0.48	3.55 ± 0.21
bn170310883	1.54E-06 ± 5.43E-08	6.02 ± 1.62	3.44 ± 0.74	2.99 ± 0.33
bn170313125	2.23E-06 ± 3.43E-08	3.94 ± 1.08	2.94 ± 0.46	2.44 ± 0.20
bn170315582	1.50E-06 ± 3.15E-08	5.59 ± 0.97	4.66 ± 0.53	4.12 ± 0.21
bn170316710	6.69E-06 ± 3.40E-08	6.65 ± 0.97	5.74 ± 0.44	4.67 ± 0.21
bn170317666	8.81E-06 ± 9.69E-08	7.31 ± 3.69	5.12 ± 0.66	2.80 ± 0.28
bn170318644	5.08E-07 ± 5.16E-08	3.79 ± 1.06	2.40 ± 0.48	1.86 ± 0.23
bn170323058	1.57E-06 ± 3.92E-08	4.79 ± 1.25	4.53 ± 0.43	3.23 ± 0.25
bn170323775	3.76E-06 ± 2.53E-08	5.59 ± 1.12	3.27 ± 0.51	2.70 ± 0.22
bn170325331	2.57E-07 ± 1.24E-08	8.07 ± 1.21	5.70 ± 0.50	2.14 ± 0.21
bn170326489	9.77E-07 ± 4.40E-08	4.39 ± 1.42	2.68 ± 0.58	2.00 ± 0.28
bn170329387	1.11E-05 ± 3.84E-08	6.68 ± 0.93	5.57 ± 0.38	5.16 ± 0.20
bn170402285	6.25E-06 ± 3.20E-08	17.44 ± 1.45	16.61 ± 0.73	13.62 ± 0.34
bn170402961	2.17E-06 ± 2.70E-08	9.52 ± 1.27	8.59 ± 0.60	5.17 ± 0.27
bn170403583	3.81E-07 ± 1.98E-08	16.11 ± 1.47	8.80 ± 0.63	3.11 ± 0.25
bn170403707	5.89E-06 ± 4.25E-08	13.35 ± 2.00	11.58 ± 0.86	10.39 ± 0.40
bn170405777	7.40E-05 ± 6.62E-08	18.46 ± 1.28	17.10 ± 0.64	15.84 ± 0.31
bn170409112	2.95E-04 ± 7.51E-08	96.29 ± 2.57	90.06 ± 1.27	69.89 ± 0.58
bn170412917	1.20E-05 ± 3.38E-08	12.12 ± 1.14	11.15 ± 0.56	8.19 ± 0.27
bn170412988	4.82E-06 ± 3.76E-08	7.57 ± 1.12	5.12 ± 0.54	4.18 ± 0.26
bn170414551	1.55E-06 ± 3.31E-08	4.77 ± 0.87	3.59 ± 0.43	2.19 ± 0.21
bn170416583	1.13E-05 ± 2.54E-08	15.98 ± 1.74	14.39 ± 0.84	13.45 ± 0.40
bn170419898	2.25E-06 ± 1.89E-08	4.71 ± 1.00	3.98 ± 0.43	3.79 ± 0.22
bn170419983	1.44E-06 ± 3.27E-08	5.49 ± 1.36	5.02 ± 0.44	3.92 ± 0.26
bn170422343	2.16E-05 ± 2.50E-08	23.31 ± 1.63	19.52 ± 0.75	13.02 ± 0.35
bn170423719	2.41E-05 ± 6.68E-08	24.49 ± 1.56	23.85 ± 0.76	18.44 ± 0.36
bn170423872	6.31E-06 ± 4.75E-08	8.26 ± 1.20	6.42 ± 0.59	5.76 ± 0.28
bn170424425	2.03E-05 ± 7.70E-08	8.02 ± 0.97	6.31 ± 0.45	4.68 ± 0.20
bn170428136	2.74E-06 ± 3.15E-08	6.12 ± 1.89	4.26 ± 0.80	2.93 ± 0.34
bn170429799	3.76E-05 ± 1.07E-07	11.83 ± 1.44	10.77 ± 0.70	9.64 ± 0.34
bn170430204	1.20E-07 ± 1.76E-08	6.65 ± 1.09	4.07 ± 0.50	1.51 ± 0.20
bn170501467	5.39E-06 ± 4.14E-08	4.58 ± 0.95	3.76 ± 0.56	3.31 ± 0.23
bn170504734	1.22E-07 ± 2.67E-08	4.29 ± 1.23	3.71 ± 0.68	1.45 ± 0.31
bn170506169	2.11E-07 ± 3.32E-08	7.73 ± 1.63	6.99 ± 0.53	3.01 ± 0.28
bn170510217	4.39E-05 ± 7.64E-08	22.19 ± 1.81	19.61 ± 0.88	16.96 ± 0.44
bn170511249	2.83E-05 ± 4.62E-08	34.51 ± 2.16	32.57 ± 0.96	30.14 ± 0.50

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170511477	4.10E-07 ± 7.78E-08	7.02 ± 3.15	4.02 ± 1.08	2.41 ± 0.44
bn170511648	1.91E-07 ± 1.28E-08	2.41 ± 0.81	1.63 ± 0.29	1.13 ± 0.14
bn170514152	1.34E-06 ± 3.17E-08	6.65 ± 1.21	6.47 ± 0.36	4.11 ± 0.18
bn170514180	2.25E-05 ± 3.56E-08	16.19 ± 1.38	13.62 ± 0.67	12.99 ± 0.32
bn170516808	3.57E-07 ± 3.60E-08	2.59 ± 1.02	1.35 ± 0.28	1.09 ± 0.14
bn170520202	4.08E-07 ± 1.26E-08	5.01 ± 0.96	4.37 ± 0.41	3.65 ± 0.21
bn170521882	9.41E-07 ± 4.97E-08	6.71 ± 2.01	5.22 ± 0.72	4.06 ± 0.36
bn170522657	2.29E-05 ± 2.34E-08	32.88 ± 1.58	29.34 ± 0.75	23.18 ± 0.37
bn170527480	8.43E-05 ± 3.40E-08	31.70 ± 1.63	28.40 ± 0.78	22.19 ± 0.36
bn170530581	3.40E-06 ± 3.40E-08	6.65 ± 1.16	5.82 ± 0.47	5.23 ± 0.27
bn170604603	1.67E-06 ± 1.18E-08	12.78 ± 0.96	12.45 ± 0.34	4.25 ± 0.17
bn170606968	4.74E-06 ± 1.47E-08	16.50 ± 1.31	14.49 ± 0.62	12.75 ± 0.31
bn170607946	4.95E-05 ± 1.17E-07	17.88 ± 1.75	16.96 ± 0.95	13.28 ± 0.45
bn170607971	9.41E-06 ± 5.88E-08	19.70 ± 2.55	17.50 ± 1.20	15.48 ± 0.57
bn170610689	1.03E-05 ± 1.94E-08	9.73 ± 1.07	8.93 ± 0.54	8.28 ± 0.26
bn170611937	2.21E-06 ± 2.77E-08	5.23 ± 1.42	2.94 ± 0.58	2.17 ± 0.26
bn170614255	9.22E-06 ± 4.57E-08	6.81 ± 1.01	5.25 ± 0.51	4.72 ± 0.23
bn170614486	2.20E-05 ± 7.27E-08	19.10 ± 2.97	15.64 ± 1.34	12.68 ± 0.66
bn170614505	4.24E-07 ± 4.71E-08	3.38 ± 1.11	2.47 ± 0.53	1.47 ± 0.26
bn170616047	8.42E-07 ± 2.99E-08	3.98 ± 1.18	3.11 ± 0.48	2.37 ± 0.22
bn170616165	1.88E-06 ± 3.49E-08	3.31 ± 1.06	1.79 ± 0.39	1.30 ± 0.17
bn170618475	1.19E-05 ± 2.76E-08	7.11 ± 1.01	5.91 ± 0.50	4.74 ± 0.22
bn170621784	1.67E-06 ± 6.49E-08	5.04 ± 1.40	2.78 ± 0.60	1.51 ± 0.26
bn170625692	1.95E-06 ± 7.50E-08	2.68 ± 0.86	1.70 ± 0.31	1.23 ± 0.13
bn170626401	1.51E-05 ± 6.00E-08	44.05 ± 1.91	41.32 ± 0.94	37.17 ± 0.46
bn170627931	1.79E-06 ± 2.73E-08	3.88 ± 0.71	3.43 ± 0.38	2.58 ± 0.18
bn170629537	4.37E-06 ± 3.63E-08	8.42 ± 1.21	7.33 ± 0.57	6.04 ± 0.27
bn170705115	1.34E-05 ± 6.31E-08	26.68 ± 2.44	25.27 ± 1.12	22.48 ± 0.55
bn170705200	3.26E-06 ± 1.92E-08	5.26 ± 1.22	3.72 ± 0.51	3.05 ± 0.23
bn170705244	8.47E-07 ± 2.26E-08	4.46 ± 1.20	3.26 ± 0.52	2.72 ± 0.26
bn170708046	7.92E-07 ± 1.19E-08	55.64 ± 1.98	21.94 ± 0.71	5.57 ± 0.23
bn170709334	6.83E-07 ± 1.77E-08	10.09 ± 1.05	5.61 ± 0.46	2.66 ± 0.20
bn170710340	3.40E-06 ± 3.26E-08	4.79 ± 1.12	3.25 ± 0.56	2.72 ± 0.28
bn170711019	7.49E-07 ± 2.00E-08	3.69 ± 0.85	3.03 ± 0.47	2.55 ± 0.21
bn170711713	5.60E-07 ± 2.20E-08	5.57 ± 0.92	4.28 ± 0.44	2.56 ± 0.20
bn170711931	2.12E-06 ± 2.45E-08	9.15 ± 1.33	8.33 ± 0.68	7.20 ± 0.30
bn170714049	1.48E-07 ± 1.23E-08	6.07 ± 0.75	4.12 ± 0.35	1.23 ± 0.17
bn170715878	7.22E-07 ± 5.90E-08	5.51 ± 2.30	2.89 ± 0.72	1.76 ± 0.33
bn170717952	6.72E-07 ± 3.50E-08	3.16 ± 1.17	2.40 ± 0.46	1.79 ± 0.20
bn170718152	3.03E-06 ± 5.14E-08	6.04 ± 1.67	4.25 ± 0.59	3.13 ± 0.30

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170722525	3.46E-06 ± 5.60E-08	4.00 ± 1.16	3.25 ± 0.42	2.61 ± 0.22
bn170723076	1.86E-06 ± 6.71E-08	3.37 ± 1.06	1.87 ± 0.42	1.18 ± 0.18
bn170723677	8.02E-07 ± 2.07E-08	3.29 ± 1.06	2.33 ± 0.43	1.71 ± 0.19
bn170723882	5.54E-07 ± 4.55E-08	4.03 ± 0.96	2.20 ± 0.42	1.45 ± 0.20
bn170724543	1.23E-06 ± 3.18E-08	4.36 ± 1.00	3.30 ± 0.46	2.58 ± 0.21
bn170726249	6.02E-07 ± 1.68E-08	4.74 ± 0.92	4.19 ± 0.49	3.29 ± 0.23
bn170726794	7.68E-06 ± 5.30E-08	10.04 ± 1.38	7.96 ± 0.64	4.50 ± 0.28
bn170727841	8.73E-07 ± 3.46E-08	3.51 ± 1.01	2.54 ± 0.45	1.59 ± 0.18
bn170728961	4.02E-06 ± 3.18E-08	23.06 ± 1.43	20.86 ± 0.70	12.66 ± 0.32
bn170730133	2.41E-06 ± 2.73E-08	10.48 ± 1.57	9.42 ± 0.69	7.93 ± 0.33
bn170731751	3.25E-06 ± 2.97E-08	5.45 ± 1.36	2.57 ± 0.54	1.59 ± 0.23
bn170801690	7.56E-07 ± 2.67E-08	4.15 ± 1.15	2.74 ± 0.55	2.16 ± 0.25
bn170802638	2.45E-06 ± 1.91E-08	37.90 ± 1.60	22.32 ± 0.68	8.20 ± 0.27
bn170803172	3.36E-07 ± 3.30E-08	4.95 ± 1.35	3.24 ± 0.51	2.44 ± 0.20
bn170803415	1.09E-05 ± 4.79E-08	9.53 ± 1.45	8.21 ± 0.72	6.61 ± 0.33
bn170803729	1.89E-06 ± 2.44E-08	16.17 ± 1.14	13.36 ± 0.53	9.14 ± 0.25
bn170804911	3.72E-06 ± 6.05E-08	8.62 ± 1.80	8.62 ± 0.45	4.89 ± 0.32
bn170805901	1.01E-06 ± 3.19E-08	4.66 ± 1.41	2.84 ± 0.42	2.01 ± 0.20
bn170808065	2.45E-06 ± 5.45E-08	8.90 ± 1.62	7.50 ± 0.73	5.82 ± 0.34
bn170808936	1.16E-04 ± 1.56E-07	202.05 ± 3.10	197.95 ± 1.52	166.67 ± 0.71
bn170810918	7.13E-06 ± 1.02E-07	4.56 ± 1.13	3.48 ± 0.41	2.64 ± 0.20
bn170813051	3.63E-06 ± 3.56E-08	4.11 ± 0.96	3.04 ± 0.39	2.36 ± 0.18
bn170816258	2.06E-06 ± 4.11E-08	5.48 ± 1.82	3.27 ± 0.66	2.67 ± 0.26
bn170816599	3.53E-06 ± 2.60E-08	26.57 ± 1.55	23.36 ± 0.83	7.42 ± 0.29
bn170817529	2.79E-07 ± 1.74E-08	3.73 ± 0.93	3.14 ± 0.47	1.77 ± 0.20
bn170817908	2.15E-06 ± 1.91E-08	10.37 ± 1.61	9.77 ± 0.75	7.10 ± 0.30
bn170818137	2.89E-07 ± 1.84E-08	14.25 ± 1.55	10.16 ± 0.72	3.79 ± 0.29
bn170821265	2.37E-06 ± 6.05E-08	4.20 ± 1.17	2.96 ± 0.53	1.98 ± 0.19
bn170825307	2.25E-06 ± 2.20E-08	6.46 ± 1.17	5.28 ± 0.53	4.45 ± 0.25
bn170825500	6.51E-06 ± 1.42E-08	35.76 ± 2.08	33.82 ± 0.87	32.48 ± 0.47
bn170825784	7.47E-06 ± 4.80E-08	6.38 ± 1.36	5.20 ± 0.61	4.88 ± 0.31
bn170826369	5.06E-07 ± 1.44E-08	16.18 ± 1.77	10.63 ± 0.79	3.13 ± 0.27
bn170826819	3.23E-05 ± 7.44E-08	35.93 ± 2.28	29.96 ± 1.09	25.42 ± 0.52
bn170827818	4.71E-07 ± 1.46E-08	6.64 ± 1.02	5.95 ± 0.50	3.21 ± 0.18
bn170829414	7.78E-06 ± 5.02E-08	6.58 ± 1.01	5.30 ± 0.53	4.62 ± 0.24
bn170829674	6.87E-06 ± 5.56E-08	5.62 ± 1.14	4.14 ± 0.45	3.88 ± 0.22
bn170830069	5.14E-06 ± 5.22E-08	6.00 ± 1.04	4.10 ± 0.48	2.97 ± 0.21
bn170830135	8.28E-06 ± 4.93E-08	9.04 ± 1.83	7.44 ± 0.46	5.54 ± 0.34
bn170830328	3.20E-06 ± 2.49E-08	9.57 ± 1.95	6.32 ± 0.86	5.37 ± 0.39
bn170831179	2.17E-05 ± 2.79E-07	30.71 ± 1.69	28.40 ± 0.82	23.79 ± 0.39

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170901007	7.82E-07 ± 5.20E-08	4.48 ± 1.17	3.60 ± 0.50	2.58 ± 0.22
bn170901255	8.50E-07 ± 2.33E-08	5.09 ± 1.11	4.38 ± 0.53	3.44 ± 0.25
bn170901345	4.04E-07 ± 2.00E-08	2.59 ± 1.14	2.07 ± 0.33	1.10 ± 0.15
bn170903534	3.46E-06 ± 2.88E-08	7.30 ± 1.59	6.53 ± 0.65	5.73 ± 0.34
bn170906030	9.46E-05 ± 7.83E-08	28.25 ± 2.04	25.00 ± 0.97	21.74 ± 0.47
bn170906039	3.03E-06 ± 5.45E-08	16.30 ± 2.20	13.26 ± 0.98	10.30 ± 0.45
bn170906485	4.36E-07 ± 4.63E-08	3.84 ± 1.54	1.84 ± 0.41	1.13 ± 0.19
bn170910368	2.58E-06 ± 9.63E-08	8.86 ± 3.00	4.94 ± 1.23	2.82 ± 0.48
bn170911267	8.94E-07 ± 1.35E-08	3.23 ± 0.94	2.11 ± 0.35	1.96 ± 0.17
bn170912273	3.82E-06 ± 2.84E-08	11.91 ± 1.35	10.52 ± 0.62	8.80 ± 0.29
bn170912985	1.42E-07 ± 2.14E-08	6.92 ± 1.02	3.12 ± 0.44	1.00 ± 0.17
bn170915161	7.41E-06 ± 5.43E-08	9.43 ± 1.58	7.44 ± 0.75	6.91 ± 0.37
bn170915520	5.14E-07 ± 1.52E-08	5.79 ± 0.97	4.70 ± 0.44	2.25 ± 0.23
bn170916700	1.01E-06 ± 8.51E-08	10.48 ± 4.03	6.38 ± 1.48	3.91 ± 0.62
bn170918139	8.85E-08 ± 1.17E-08	7.18 ± 1.46	3.91 ± 0.64	0.72 ± 0.28
bn170921168	6.56E-05 ± 3.26E-07	55.18 ± 3.16	48.44 ± 1.58	45.92 ± 0.78
bn170923101	2.46E-06 ± 5.59E-08	3.88 ± 0.82	2.67 ± 0.38	2.27 ± 0.18
bn170923188	2.24E-06 ± 3.04E-08	6.64 ± 0.95	5.69 ± 0.47	4.04 ± 0.23
bn170923566	7.77E-07 ± 2.95E-08	3.13 ± 1.36	1.65 ± 0.37	1.14 ± 0.18
bn170926528	3.04E-06 ± 1.77E-08	7.14 ± 1.40	5.86 ± 0.62	5.27 ± 0.32
bn170926782	4.56E-07 ± 1.01E-08	8.11 ± 0.96	7.40 ± 0.48	4.93 ± 0.22
bn170928607	1.27E-06 ± 2.60E-08	5.04 ± 0.96	4.53 ± 0.48	4.05 ± 0.24
bn170929513	1.35E-06 ± 1.92E-08	9.06 ± 1.30	7.42 ± 0.59	6.94 ± 0.28
bn170929699	3.04E-06 ± 2.25E-08	8.14 ± 1.04	7.57 ± 0.49	6.39 ± 0.25
bn171002969	1.54E-06 ± 3.38E-08	8.34 ± 1.28	6.84 ± 0.59	6.04 ± 0.29
bn171004672	1.09E-05 ± 4.10E-08	7.53 ± 1.80	6.23 ± 0.71	4.87 ± 0.36
bn171004857	1.31E-06 ± 7.61E-08	9.92 ± 3.66	4.72 ± 0.75	4.14 ± 0.45
bn171007498	3.03E-07 ± 1.85E-08	2.35 ± 0.74	1.97 ± 0.40	1.50 ± 0.19
bn171008080	1.12E-07 ± 3.58E-08	7.05 ± 2.34	2.98 ± 0.86	1.85 ± 0.44
bn171009138	2.82E-06 ± 4.66E-08	5.01 ± 1.16	3.63 ± 0.39	2.90 ± 0.22
bn171010792	6.33E-04 ± 9.85E-08	137.25 ± 4.41	133.09 ± 2.18	120.14 ± 1.05
bn171010875	9.26E-07 ± 3.38E-08	3.13 ± 0.85	1.93 ± 0.34	1.41 ± 0.16
bn171011162	5.46E-06 ± 6.29E-08	4.96 ± 1.47	4.06 ± 0.58	3.25 ± 0.30
bn171011810	1.04E-07 ± 1.45E-08	4.78 ± 0.64	2.82 ± 0.30	0.77 ± 0.13
bn171013350	1.56E-05 ± 4.11E-08	9.43 ± 1.26	7.67 ± 0.58	7.01 ± 0.28
bn171017823	5.00E-06 ± 3.12E-08	3.51 ± 0.87	2.45 ± 0.40	1.83 ± 0.17
bn171020813	1.97E-06 ± 3.16E-08	5.20 ± 1.43	3.38 ± 0.67	2.28 ± 0.31
bn171022085	1.80E-06 ± 4.31E-08	4.21 ± 1.49	3.41 ± 0.55	2.77 ± 0.24
bn171022885	8.04E-06 ± 1.66E-08	14.35 ± 1.54	12.53 ± 0.67	8.66 ± 0.31
bn171023097	3.64E-06 ± 9.26E-08	5.06 ± 1.62	3.42 ± 0.64	2.37 ± 0.28

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn171024977	9.45E-07 ± 3.44E-08	4.62 ± 2.17	2.00 ± 0.66	1.16 ± 0.24
bn171025213	3.13E-07 ± 2.63E-08	4.16 ± 1.01	2.99 ± 0.49	1.97 ± 0.23
bn171025416	1.49E-06 ± 4.62E-08	3.50 ± 1.23	2.71 ± 0.39	1.66 ± 0.19
bn171025913	4.10E-07 ± 2.55E-08	2.62 ± 0.96	1.84 ± 0.43	1.34 ± 0.20
bn171029020	1.54E-06 ± 6.89E-08	5.58 ± 1.82	4.02 ± 0.86	3.17 ± 0.35
bn171030729	1.96E-07 ± 2.64E-08	11.64 ± 2.23	5.25 ± 0.74	1.78 ± 0.26
bn171102107	2.92E-05 ± 2.63E-08	38.06 ± 1.67	35.13 ± 0.80	32.37 ± 0.38
bn171103655	2.80E-06 ± 7.04E-08	5.00 ± 1.50	3.96 ± 0.45	2.70 ± 0.25
bn171106498	4.89E-06 ± 3.71E-08	11.17 ± 1.32	10.05 ± 0.63	8.86 ± 0.30
bn171108656	1.04E-05 ± 6.54E-07	686.54 ± 166.49	317.47 ± 51.44	85.41 ± 13.45
bn171112868	1.43E-05 ± 6.18E-08	8.86 ± 1.51	7.41 ± 0.74	6.69 ± 0.34
bn171117515	1.08E-05 ± 6.30E-08	15.99 ± 1.40	14.53 ± 0.71	12.58 ± 0.33
bn171119992	4.69E-05 ± 2.35E-07	59.02 ± 9.85	50.17 ± 3.59	43.69 ± 1.79
bn171120556	1.61E-05 ± 3.30E-08	57.83 ± 2.37	53.41 ± 1.14	35.69 ± 0.51
bn171124235	3.62E-06 ± 2.19E-08	8.92 ± 1.28	6.62 ± 0.57	4.51 ± 0.23
bn171126216	4.67E-06 ± 1.04E-07	6.17 ± 2.19	3.61 ± 0.57	2.45 ± 0.26
bn171126235	7.20E-06 ± 4.90E-08	97.21 ± 6.07	76.08 ± 2.85	43.78 ± 1.24
bn171201068	1.06E-05 ± 4.68E-08	7.88 ± 1.99	5.20 ± 0.81	4.52 ± 0.38
bn171202113	1.08E-05 ± 7.85E-08	4.98 ± 0.79	4.44 ± 0.54	3.53 ± 0.22
bn171206122	1.52E-06 ± 7.30E-08	11.46 ± 3.60	6.62 ± 1.08	4.82 ± 0.49
bn171207055	2.29E-07 ± 1.64E-08	5.34 ± 1.08	4.24 ± 0.44	1.34 ± 0.14
bn171207809	2.16E-06 ± 4.55E-08	4.28 ± 1.57	2.88 ± 0.45	2.30 ± 0.22
bn171208733	8.49E-07 ± 3.86E-08	10.12 ± 1.41	9.12 ± 0.71	6.85 ± 0.31
bn171209671	3.20E-06 ± 2.84E-08	11.42 ± 1.67	9.75 ± 0.71	9.11 ± 0.35
bn171210493	8.08E-05 ± 9.13E-08	18.90 ± 1.52	17.59 ± 0.70	16.73 ± 0.36
bn171211844	1.48E-05 ± 8.16E-08	9.72 ± 1.48	8.41 ± 0.71	7.60 ± 0.34
bn171212222	2.87E-06 ± 2.82E-08	8.78 ± 1.45	7.41 ± 0.69	6.88 ± 0.28
bn171212434	5.03E-06 ± 6.78E-08	8.50 ± 1.48	6.26 ± 0.61	5.03 ± 0.28
bn171212948	1.24E-06 ± 5.73E-08	8.90 ± 2.25	5.53 ± 0.72	3.73 ± 0.36
bn171213061	1.32E-05 ± 1.34E-07	17.19 ± 5.42	9.25 ± 1.50	5.87 ± 0.70
bn171215705	1.65E-06 ± 6.77E-08	5.71 ± 1.46	3.50 ± 0.57	2.61 ± 0.26
bn171219279	1.74E-07 ± 1.75E-08	4.62 ± 0.94	3.22 ± 0.45	1.82 ± 0.22
bn171222684	3.19E-06 ± 3.77E-08	5.69 ± 1.87	3.27 ± 0.41	2.35 ± 0.19
bn171223818	1.89E-06 ± 2.23E-08	23.83 ± 1.16	17.59 ± 0.55	5.07 ± 0.18
bn171227000	2.90E-04 ± 8.46E-08	103.07 ± 3.13	95.00 ± 1.51	90.27 ± 0.75
bn171230048	8.49E-06 ± 7.69E-08	10.62 ± 1.43	8.67 ± 0.61	8.32 ± 0.31
bn171230119	2.71E-07 ± 2.87E-08	6.97 ± 1.07	4.86 ± 0.49	1.47 ± 0.20
bn171230955	1.50E-05 ± 3.07E-08	6.45 ± 1.15	5.38 ± 0.51	4.68 ± 0.25
bn180102660	8.26E-07 ± 3.24E-08	4.34 ± 1.09	4.34 ± 0.27	2.35 ± 0.16
bn180103090	8.88E-08 ± 2.21E-08	4.90 ± 2.39	4.90 ± 0.60	1.78 ± 0.35

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180110608	1.64E-07 ± 1.99E-08	3.23 ± 1.19	1.76 ± 0.34	1.50 ± 0.17
bn180111815	1.74E-06 ± 3.77E-08	4.08 ± 1.24	2.95 ± 0.41	2.30 ± 0.22
bn180112842	1.50E-06 ± 3.93E-08	3.62 ± 1.09	2.87 ± 0.51	2.27 ± 0.19
bn180113011	3.51E-05 ± 4.22E-08	57.89 ± 2.72	52.32 ± 1.36	43.14 ± 0.65
bn180113116	1.42E-05 ± 6.75E-08	11.94 ± 1.15	10.30 ± 0.52	9.34 ± 0.26
bn180113418	1.63E-04 ± 5.76E-08	61.52 ± 1.84	56.79 ± 0.88	54.45 ± 0.44
bn180116026	1.73E-06 ± 1.94E-08	4.21 ± 1.58	2.24 ± 0.50	1.98 ± 0.24
bn180116678	1.63E-05 ± 1.50E-07	8.40 ± 1.67	6.49 ± 0.74	5.36 ± 0.33
bn180119837	2.23E-06 ± 1.75E-08	16.25 ± 1.44	13.94 ± 0.70	11.02 ± 0.32
bn180120207	6.45E-05 ± 4.98E-08	42.26 ± 2.15	39.38 ± 1.03	36.70 ± 0.50
bn180122129	7.04E-07 ± 4.45E-08	8.23 ± 1.53	7.50 ± 0.79	4.11 ± 0.30
bn180123820	6.23E-08 ± 1.09E-08	2.95 ± 0.92	2.45 ± 0.44	1.16 ± 0.18
bn180124392	3.41E-06 ± 2.19E-08	4.51 ± 0.98	3.13 ± 0.43	2.52 ± 0.20
bn180125891	1.63E-05 ± 3.90E-08	19.75 ± 2.06	18.28 ± 0.96	16.37 ± 0.45
bn180126095	9.33E-06 ± 7.46E-08	24.22 ± 2.15	21.45 ± 1.07	20.85 ± 0.51
bn180127049	1.88E-06 ± 2.14E-08	4.11 ± 1.20	3.13 ± 0.49	2.91 ± 0.24
bn180127879	1.43E-06 ± 4.37E-08	4.36 ± 1.48	3.28 ± 0.58	2.39 ± 0.26
bn180128215	3.78E-07 ± 1.30E-08	8.06 ± 0.97	4.13 ± 0.34	1.46 ± 0.12
bn180128252	4.52E-06 ± 3.04E-08	6.20 ± 1.11	4.25 ± 0.51	3.91 ± 0.24
bn180128881	3.31E-07 ± 2.56E-08	3.06 ± 0.77	2.65 ± 0.41	1.89 ± 0.21
bn180130049	1.39E-05 ± 9.75E-08	7.83 ± 1.75	6.63 ± 0.64	5.66 ± 0.30
bn180130744	8.14E-08 ± 1.63E-08	6.27 ± 2.34	3.77 ± 1.08	1.31 ± 0.46
bn180131528	4.12E-08 ± 8.07E-09	2.64 ± 1.00	1.59 ± 0.41	0.85 ± 0.20
bn180201706	2.27E-07 ± 9.50E-09	9.18 ± 1.17	6.11 ± 0.55	1.73 ± 0.21
bn180201780	1.27E-07 ± 1.86E-08	6.75 ± 1.31	3.94 ± 0.55	1.57 ± 0.23
bn180204109	1.75E-06 ± 1.26E-08	19.66 ± 1.57	15.99 ± 0.70	7.55 ± 0.28
bn180205184	2.06E-06 ± 9.85E-08	7.38 ± 1.31	6.19 ± 0.63	4.74 ± 0.29
bn180205323	3.96E-06 ± 4.80E-08	4.04 ± 1.15	3.05 ± 0.51	2.05 ± 0.23
bn180206203	3.32E-07 ± 1.53E-08	6.83 ± 1.12	5.38 ± 0.56	2.98 ± 0.25
bn180208764	1.32E-06 ± 4.97E-08	4.99 ± 1.28	3.10 ± 0.51	2.47 ± 0.24
bn180210517	4.42E-05 ± 4.83E-08	23.64 ± 1.54	20.94 ± 0.71	16.72 ± 0.34
bn180210991	1.16E-05 ± 2.91E-08	9.77 ± 1.14	7.51 ± 0.53	5.55 ± 0.24
bn180211754	1.06E-06 ± 2.63E-08	3.20 ± 1.16	2.28 ± 0.38	1.68 ± 0.20
bn180218635	5.47E-05 ± 7.03E-08	84.11 ± 3.80	74.96 ± 1.80	65.91 ± 0.86
bn180219482	4.50E-05 ± 1.95E-07	20.24 ± 2.17	18.22 ± 1.07	14.42 ± 0.52
bn180222239	6.63E-06 ± 4.91E-08	6.31 ± 1.40	4.41 ± 0.57	4.04 ± 0.29
bn180225417	2.95E-07 ± 1.18E-08	5.42 ± 0.88	3.80 ± 0.43	2.03 ± 0.18
bn180227211	1.36E-07 ± 2.23E-08	8.10 ± 1.36	4.02 ± 0.49	0.99 ± 0.18
bn180305393	5.81E-05 ± 6.49E-08	38.98 ± 1.74	37.56 ± 0.87	33.80 ± 0.42
bn180306479	2.23E-06 ± 1.18E-07	6.04 ± 1.80	4.57 ± 0.83	2.64 ± 0.35

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180306973	3.68E-06 ± 5.35E-08	3.99 ± 1.26	2.81 ± 0.49	1.80 ± 0.21
bn180307073	2.35E-05 ± 5.47E-08	9.20 ± 1.35	7.50 ± 0.61	6.86 ± 0.29
bn180309322	5.28E-06 ± 5.18E-08	7.03 ± 1.25	5.57 ± 0.56	4.79 ± 0.28
bn180311074	7.54E-07 ± 3.37E-08	15.92 ± 2.67	10.43 ± 1.27	6.17 ± 0.50
bn180313978	1.87E-07 ± 1.06E-08	16.13 ± 1.08	5.04 ± 0.39	1.14 ± 0.13
bn180314030	1.33E-05 ± 3.58E-08	9.16 ± 1.73	7.45 ± 0.70	6.80 ± 0.33
bn180330891	3.86E-06 ± 3.56E-08	10.07 ± 1.15	9.27 ± 0.55	8.66 ± 0.26
bn180401280	5.39E-06 ± 7.77E-08	7.62 ± 1.12	5.58 ± 0.45	4.32 ± 0.22
bn180401846	2.30E-05 ± 8.98E-08	30.30 ± 2.88	27.23 ± 1.39	23.48 ± 0.66
bn180402406	1.31E-06 ± 2.78E-08	17.51 ± 1.40	12.60 ± 0.72	3.16 ± 0.31
bn180402481	5.35E-07 ± 1.97E-08	9.40 ± 1.81	7.49 ± 0.97	2.40 ± 0.40
bn180403565	3.22E-06 ± 3.72E-08	7.13 ± 1.75	5.23 ± 0.70	4.34 ± 0.35
bn180404091	2.80E-05 ± 1.40E-07	10.81 ± 1.52	8.71 ± 0.66	7.98 ± 0.33
bn180404848	2.30E-07 ± 3.97E-08	19.41 ± 2.32	12.44 ± 1.02	3.96 ± 0.33
bn180405169	7.30E-06 ± 4.98E-08	7.95 ± 1.06	7.27 ± 0.51	5.58 ± 0.26
bn180409346	4.66E-05 ± 9.52E-08	64.65 ± 5.06	53.37 ± 2.31	41.33 ± 1.04
bn180410336	2.70E-06 ± 6.11E-08	4.27 ± 1.46	2.24 ± 0.66	1.51 ± 0.27
bn180411519	2.04E-05 ± 2.02E-07	20.50 ± 4.43	13.54 ± 1.87	10.48 ± 0.80
bn180411546	9.77E-06 ± 4.66E-07	36.99 ± 37.19	24.38 ± 8.64	12.10 ± 2.39
bn180412425	2.96E-06 ± 2.08E-08	6.28 ± 1.29	5.21 ± 0.58	4.46 ± 0.27
bn180413118	7.55E-06 ± 2.36E-08	6.02 ± 1.15	4.69 ± 0.52	3.81 ± 0.26
bn180416340	3.88E-05 ± 2.22E-07	25.93 ± 1.57	24.43 ± 0.76	22.23 ± 0.37
bn180416924	7.25E-06 ± 1.26E-07	16.95 ± 4.40	11.97 ± 1.98	7.02 ± 0.76
bn180417689	1.62E-07 ± 2.75E-08	7.00 ± 1.12	6.95 ± 0.40	2.05 ± 0.20
bn180418281	5.90E-07 ± 9.72E-09	7.56 ± 1.14	7.16 ± 0.57	4.90 ± 0.26
bn180420031	3.03E-06 ± 4.06E-08	3.97 ± 1.40	2.49 ± 0.46	1.70 ± 0.24
bn180420107	5.11E-06 ± 3.29E-08	6.09 ± 1.12	4.79 ± 0.52	4.22 ± 0.25
bn180423033	3.18E-06 ± 4.74E-08	3.67 ± 1.04	2.98 ± 0.41	2.18 ± 0.18
bn180423266	5.79E-07 ± 2.33E-08	3.55 ± 1.22	2.28 ± 0.40	1.95 ± 0.19
bn180426005	8.10E-06 ± 6.92E-08	8.62 ± 2.24	6.25 ± 0.82	5.39 ± 0.42
bn180426549	1.06E-05 ± 3.32E-08	18.39 ± 2.16	15.24 ± 0.99	14.08 ± 0.49
bn180427442	5.05E-05 ± 1.26E-07	34.17 ± 3.95	32.77 ± 1.74	29.18 ± 0.81
bn180428102	5.25E-06 ± 4.32E-08	11.08 ± 1.54	8.58 ± 0.70	5.74 ± 0.32
bn180504136	1.38E-05 ± 3.31E-08	13.30 ± 1.52	11.60 ± 0.70	9.05 ± 0.33
bn180505540	2.01E-05 ± 1.06E-07	38.52 ± 3.60	37.39 ± 1.72	29.17 ± 0.80
bn180506077	8.30E-06 ± 5.02E-08	7.34 ± 1.40	5.70 ± 0.57	5.04 ± 0.26
bn180506902	2.00E-06 ± 2.44E-08	5.40 ± 1.13	3.96 ± 0.54	3.23 ± 0.25
bn180511364	1.53E-07 ± 2.14E-08	9.21 ± 0.99	3.67 ± 0.42	1.04 ± 0.15
bn180511437	7.65E-07 ± 1.82E-08	7.64 ± 1.20	6.03 ± 0.52	5.46 ± 0.27
bn180511606	1.36E-06 ± 5.14E-08	4.79 ± 1.49	3.66 ± 0.59	2.98 ± 0.28

Table 7 continued on next page

Table 7 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180513815	1.62E-06 ± 1.21E-07	6.47 ± 2.31	4.62 ± 0.62	2.40 ± 0.36
bn180515814	1.24E-05 ± 6.19E-08	10.48 ± 1.92	8.75 ± 0.90	7.51 ± 0.43
bn180516229	1.78E-06 ± 6.82E-08	4.81 ± 0.98	3.70 ± 0.49	2.92 ± 0.24
bn180517309	1.99E-06 ± 2.91E-08	4.81 ± 1.24	3.13 ± 0.45	2.45 ± 0.22
bn180521935	6.64E-07 ± 2.39E-08	2.68 ± 0.91	1.91 ± 0.34	1.45 ± 0.17
bn180522607	1.34E-06 ± 4.74E-08	7.15 ± 1.52	6.39 ± 0.89	4.49 ± 0.38
bn180522678	4.20E-06 ± 3.48E-08	11.66 ± 1.19	8.57 ± 0.61	5.92 ± 0.32
bn180523782	2.57E-07 ± 2.26E-08	4.57 ± 0.87	3.10 ± 0.46	1.67 ± 0.21
bn180524416	6.19E-07 ± 2.73E-08	3.53 ± 0.94	2.23 ± 0.33	1.46 ± 0.15
bn180524920	5.05E-07 ± 1.83E-08	2.87 ± 0.79	2.44 ± 0.38	1.96 ± 0.19
bn180525151	1.41E-07 ± 1.40E-08	9.00 ± 1.07	4.55 ± 0.44	1.32 ± 0.19
bn180528371	7.19E-07 ± 3.63E-08	3.66 ± 0.97	2.38 ± 0.40	1.61 ± 0.15
bn180528465	5.40E-07 ± 3.55E-08	3.39 ± 1.07	2.55 ± 0.42	1.88 ± 0.21
bn180602938	2.09E-07 ± 1.48E-08	14.31 ± 1.36	5.08 ± 0.49	1.46 ± 0.16
bn180605458	1.83E-05 ± 3.46E-08	16.58 ± 0.98	11.88 ± 0.49	7.24 ± 0.22
bn180606730	1.30E-06 ± 4.70E-08	5.78 ± 1.33	5.34 ± 0.66	3.85 ± 0.35
bn180610377	8.58E-06 ± 6.70E-08	4.03 ± 1.14	2.93 ± 0.55	2.30 ± 0.21
bn180610568	1.18E-06 ± 2.00E-08	5.49 ± 1.23	4.51 ± 0.58	3.91 ± 0.28
bn180610791	4.03E-06 ± 9.77E-08	7.86 ± 2.18	5.39 ± 0.79	4.35 ± 0.41
bn180611145	4.70E-06 ± 3.21E-08	10.66 ± 1.08	10.12 ± 0.53	8.41 ± 0.26
bn180612785	1.55E-05 ± 5.77E-08	13.86 ± 1.44	12.05 ± 0.71	11.61 ± 0.35
bn180614327	4.13E-07 ± 2.35E-08	2.80 ± 1.01	1.82 ± 0.40	1.33 ± 0.20
bn180615462	1.46E-05 ± 1.78E-07	16.40 ± 2.84	14.83 ± 1.32	12.52 ± 0.63
bn180617872	4.86E-07 ± 2.12E-08	9.27 ± 1.33	5.73 ± 0.55	3.36 ± 0.24
bn180618030	1.23E-06 ± 1.40E-08	14.61 ± 1.86	14.02 ± 0.68	6.16 ± 0.32
bn180618724	1.86E-05 ± 5.27E-08	16.49 ± 1.84	13.92 ± 0.83	11.97 ± 0.40
bn180620354	6.54E-06 ± 6.00E-08	17.31 ± 1.91	15.26 ± 0.86	14.61 ± 0.41
bn180620660	9.11E-06 ± 9.34E-08	13.55 ± 2.92	7.87 ± 1.08	6.84 ± 0.53
bn180622273	2.03E-06 ± 6.19E-08	6.87 ± 1.64	4.39 ± 0.52	3.66 ± 0.36
bn180622578	6.59E-06 ± 1.32E-07	5.64 ± 1.38	3.64 ± 0.42	3.25 ± 0.21
bn180623849	2.03E-05 ± 3.40E-08	15.25 ± 1.48	14.57 ± 0.76	13.47 ± 0.36
bn180625941	3.25E-07 ± 3.99E-08	7.47 ± 1.66	6.50 ± 0.74	3.32 ± 0.36
bn180626392	4.91E-07 ± 3.78E-08	10.00 ± 1.61	6.66 ± 0.77	3.58 ± 0.29
bn180630335	2.96E-06 ± 3.60E-08	3.76 ± 0.98	2.90 ± 0.50	2.25 ± 0.20
bn180630467	2.99E-06 ± 3.25E-08	12.82 ± 1.84	10.75 ± 0.83	9.41 ± 0.39
bn180701469	4.38E-06 ± 3.53E-08	7.00 ± 1.19	4.69 ± 0.48	3.36 ± 0.22
bn180703876	1.63E-05 ± 4.29E-08	12.78 ± 1.03	11.77 ± 0.54	11.31 ± 0.26
bn180703949	8.85E-06 ± 1.82E-08	109.24 ± 3.09	97.05 ± 1.48	57.28 ± 0.63
bn180706351	3.98E-06 ± 2.95E-08	7.76 ± 1.36	5.62 ± 0.64	4.92 ± 0.27
bn180709099	3.88E-06 ± 2.75E-08	13.46 ± 1.18	12.07 ± 0.57	10.74 ± 0.28
bn180710062	4.33E-06 ± 3.60E-08	3.84 ± 0.97	2.15 ± 0.41	1.49 ± 0.18

Table 8. GRB Fluence & Peak Flux (50–300 keV)

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn080714086	3.54E-07 ± 1.73E-08	1.52 ± 0.74	0.91 ± 0.36	0.43 ± 0.18
bn080714425	9.79E-07 ± 1.36E-08	1.03 ± 0.45	0.71 ± 0.19	0.46 ± 0.08
bn080714745	3.26E-06 ± 6.03E-08	4.41 ± 1.66	3.27 ± 0.71	2.82 ± 0.36
bn080715950	2.54E-06 ± 3.52E-08	10.70 ± 0.95	6.61 ± 0.45	3.83 ± 0.22
bn080717543	2.37E-06 ± 4.51E-08	2.14 ± 1.03	1.30 ± 0.47	1.05 ± 0.23
bn080719529	3.88E-07 ± 1.47E-08	0.59 ± 0.18	0.32 ± 0.08	0.23 ± 0.04
bn080720316	3.88E-07 ± 1.47E-08	0.59 ± 0.18	0.32 ± 0.08	0.23 ± 0.04
bn080723557	3.92E-05 ± 1.15E-07	21.19 ± 1.79	19.81 ± 1.09	15.14 ± 0.48
bn080723913	7.45E-08 ± 5.19E-09	2.62 ± 0.66	2.14 ± 0.32	0.69 ± 0.13
bn080723985	1.57E-05 ± 1.07E-07	5.92 ± 1.23	5.17 ± 0.54	4.85 ± 0.28
bn080724401	8.65E-06 ± 2.51E-08	10.71 ± 0.66	8.75 ± 0.30	4.76 ± 0.12
bn080725435	4.18E-06 ± 2.29E-08	2.48 ± 0.77	1.64 ± 0.32	1.38 ± 0.17
bn080725541	2.57E-07 ± 2.20E-08	2.99 ± 0.78	2.32 ± 0.36	0.92 ± 0.13
bn080727964	6.45E-06 ± 4.22E-08	2.65 ± 0.48	2.17 ± 0.33	1.71 ± 0.17
bn080730520	3.00E-06 ± 5.87E-08	3.70 ± 0.75	2.81 ± 0.41	2.48 ± 0.21
bn080730786	3.96E-06 ± 4.39E-08	8.75 ± 0.90	8.50 ± 0.45	7.06 ± 0.22
bn080802386	2.54E-07 ± 3.46E-09	6.33 ± 1.12	3.48 ± 0.50	1.38 ± 0.22
bn080803772	2.66E-06 ± 3.19E-08	1.86 ± 0.35	1.38 ± 0.29	1.11 ± 0.11
bn080804456	3.56E-06 ± 1.50E-08	1.40 ± 0.39	0.90 ± 0.16	0.73 ± 0.07
bn080804972	5.29E-06 ± 5.50E-08	2.52 ± 0.68	2.08 ± 0.37	1.85 ± 0.16
bn080805496	6.82E-07 ± 2.22E-08	1.10 ± 0.37	0.78 ± 0.17	0.47 ± 0.07
bn080805584	2.27E-06 ± 3.37E-08	1.66 ± 0.78	0.76 ± 0.32	0.51 ± 0.18
bn080806584	2.38E-07 ± 1.13E-08	1.19 ± 0.62	1.08 ± 0.32	0.75 ± 0.16
bn080806896	6.16E-06 ± 1.01E-07	3.83 ± 0.85	3.51 ± 0.42	2.72 ± 0.21
bn080807993	2.75E-06 ± 2.96E-08	9.23 ± 0.82	7.14 ± 0.39	4.12 ± 0.18
bn080808451	4.11E-07 ± 2.18E-08	1.21 ± 0.45	0.91 ± 0.23	0.72 ± 0.14
bn080808565	2.13E-06 ± 2.22E-08	2.45 ± 0.74	1.83 ± 0.44	1.67 ± 0.20
bn080808772	3.37E-06 ± 2.79E-08	1.52 ± 0.41	0.75 ± 0.20	0.47 ± 0.08
bn080809808	2.06E-06 ± 2.34E-08	2.59 ± 1.19	1.96 ± 0.58	1.23 ± 0.26
bn080810549	5.37E-06 ± 2.26E-08	2.88 ± 0.52	2.30 ± 0.23	1.75 ± 0.10
bn080812889	1.57E-06 ± 1.92E-08	1.68 ± 0.71	1.27 ± 0.37	0.82 ± 0.18
bn080815917	2.78E-07 ± 1.50E-08	2.62 ± 0.88	2.09 ± 0.46	1.40 ± 0.20
bn080816503	8.23E-06 ± 5.04E-08	5.64 ± 0.71	4.38 ± 0.35	3.06 ± 0.18
bn080816989	8.14E-07 ± 2.50E-08	4.11 ± 0.62	3.22 ± 0.29	2.25 ± 0.13
bn080817161	2.56E-05 ± 3.50E-08	8.14 ± 1.04	6.94 ± 0.52	6.65 ± 0.24
bn080817720	5.51E-07 ± 1.13E-08	4.17 ± 0.92	2.02 ± 0.53	1.38 ± 0.21
bn080818579	2.10E-06 ± 3.33E-08	3.71 ± 0.77	3.03 ± 0.40	2.14 ± 0.19
bn080818945	8.43E-07 ± 1.07E-08	2.41 ± 0.73	1.60 ± 0.43	1.20 ± 0.19

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn080821332	2.20E-06 ± 1.07E-08	5.49 ± 1.03	4.80 ± 0.59	4.31 ± 0.27
bn080823363	3.19E-06 ± 2.20E-08	2.23 ± 0.79	1.72 ± 0.46	1.39 ± 0.21
bn080824909	1.58E-06 ± 3.47E-08	5.94 ± 0.96	5.14 ± 0.52	2.93 ± 0.23
bn080825593	2.05E-05 ± 5.81E-08	16.65 ± 1.09	15.29 ± 0.60	12.66 ± 0.27
bn080828189	3.05E-07 ± 1.10E-08	2.12 ± 0.53	1.86 ± 0.29	0.76 ± 0.12
bn080829790	1.36E-06 ± 1.33E-08	2.77 ± 0.99	2.12 ± 0.54	1.71 ± 0.24
bn080830368	3.83E-06 ± 6.16E-08	2.99 ± 0.73	2.57 ± 0.38	2.29 ± 0.18
bn080831053	3.91E-08 ± 9.59E-09	2.68 ± 0.58	0.51 ± 0.22	0.15 ± 0.10
bn080831921	5.09E-06 ± 2.44E-08	2.24 ± 0.93	1.46 ± 0.49	1.24 ± 0.21
bn080904886	2.13E-06 ± 3.72E-08	3.79 ± 1.23	3.63 ± 0.57	2.92 ± 0.28
bn080905499	3.17E-07 ± 1.25E-08	4.55 ± 0.57	3.09 ± 0.31	1.31 ± 0.14
bn080905570	2.27E-06 ± 3.05E-08	1.81 ± 1.22	1.55 ± 0.57	1.19 ± 0.27
bn080905705	1.61E-06 ± 2.07E-08	1.13 ± 0.42	0.79 ± 0.16	0.58 ± 0.07
bn080906212	3.86E-06 ± 7.35E-08	13.02 ± 0.75	12.23 ± 0.37	10.19 ± 0.17
bn080912360	1.10E-06 ± 1.67E-08	1.23 ± 0.58	0.94 ± 0.29	0.78 ± 0.15
bn080913735	2.12E-06 ± 4.71E-08	2.70 ± 0.81	1.92 ± 0.40	1.32 ± 0.18
bn080916009	2.75E-05 ± 3.80E-08	7.32 ± 0.69	6.92 ± 0.33	6.28 ± 0.16
bn080916406	4.73E-06 ± 4.63E-08	4.20 ± 0.67	2.74 ± 0.30	2.08 ± 0.13
bn080919790	2.36E-08 ± 2.95E-09	0.99 ± 0.30	0.57 ± 0.12	0.15 ± 0.05
bn080920268	9.41E-07 ± 2.87E-08	1.19 ± 0.57	0.68 ± 0.24	0.50 ± 0.11
bn080924766	2.52E-06 ± 3.56E-08	2.29 ± 0.69	1.96 ± 0.36	1.61 ± 0.17
bn080925775	1.02E-05 ± 2.27E-08	8.58 ± 0.91	7.70 ± 0.46	6.90 ± 0.23
bn080927480	1.67E-06 ± 5.31E-08	1.44 ± 0.44	1.01 ± 0.22	0.64 ± 0.08
bn080928628	5.97E-07 ± 1.61E-08	1.69 ± 0.31	1.30 ± 0.16	0.83 ± 0.07
bn081003644	3.49E-06 ± 3.79E-08	2.56 ± 0.98	2.07 ± 0.46	1.03 ± 0.22
bn081006604	3.77E-07 ± 9.95E-09	3.06 ± 0.62	1.41 ± 0.30	0.47 ± 0.07
bn081006872	2.39E-07 ± 1.10E-08	1.99 ± 0.50	0.99 ± 0.17	0.45 ± 0.07
bn081008832	2.37E-06 ± 2.97E-08	2.03 ± 0.48	1.22 ± 0.18	0.93 ± 0.08
bn081009140	1.40E-05 ± 1.63E-08	39.93 ± 2.49	36.75 ± 1.23	30.43 ± 0.61
bn081009690	4.28E-06 ± 1.54E-08	3.98 ± 0.68	2.90 ± 0.29	2.49 ± 0.12
bn081012045	1.33E-07 ± 2.43E-08	1.82 ± 0.37	1.31 ± 0.15	0.89 ± 0.07
bn081012549	1.80E-06 ± 4.24E-08	1.45 ± 0.69	1.02 ± 0.31	0.90 ± 0.13
bn081017474	7.33E-07 ± 1.15E-08	1.78 ± 0.45	0.91 ± 0.17	0.69 ± 0.08
bn081021398	3.62E-06 ± 5.75E-08	2.86 ± 1.07	2.24 ± 0.47	1.81 ± 0.23
bn081022364	7.17E-07 ± 1.88E-08	1.41 ± 0.38	0.99 ± 0.19	0.79 ± 0.09
bn081024245	7.88E-08 ± 9.11E-09	3.78 ± 0.81	1.50 ± 0.24	0.57 ± 0.09
bn081024851	3.44E-06 ± 3.78E-08	1.82 ± 0.73	1.02 ± 0.37	0.70 ± 0.18
bn081024891	2.07E-07 ± 1.41E-08	3.60 ± 0.56	1.93 ± 0.26	1.07 ± 0.14
bn081025349	3.32E-06 ± 5.82E-08	2.98 ± 0.68	2.60 ± 0.36	2.14 ± 0.17
bn081028538	1.28E-06 ± 1.52E-08	3.14 ± 0.85	2.63 ± 0.43	2.01 ± 0.21

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn081101167	7.26E-07 ± 3.24E-08	1.73 ± 0.53	0.92 ± 0.26	0.58 ± 0.12
bn081101491	8.60E-08 ± 1.50E-09	3.32 ± 0.80	1.75 ± 0.37	0.43 ± 0.15
bn081101532	6.81E-06 ± 1.39E-07	6.24 ± 1.39	5.64 ± 0.64	4.96 ± 0.31
bn081102365	5.21E-07 ± 1.81E-08	2.91 ± 0.57	2.27 ± 0.29	1.38 ± 0.14
bn081102739	2.28E-06 ± 5.56E-08	1.83 ± 0.76	1.34 ± 0.40	0.92 ± 0.17
bn081105614	8.46E-08 ± 8.58E-09	3.50 ± 0.69	1.21 ± 0.24	0.32 ± 0.09
bn081107321	6.78E-07 ± 1.59E-08	5.08 ± 0.79	4.39 ± 0.40	3.05 ± 0.19
bn081109293	3.39E-06 ± 2.80E-08	1.70 ± 0.70	1.07 ± 0.40	0.79 ± 0.19
bn081110601	3.06E-06 ± 4.74E-08	11.00 ± 1.02	9.31 ± 0.57	7.13 ± 0.27
bn081113230	1.75E-07 ± 1.85E-08	3.96 ± 0.99	2.78 ± 0.47	1.15 ± 0.18
bn081115891	4.63E-08 ± 6.74E-09	2.70 ± 0.50	0.97 ± 0.15	0.35 ± 0.05
bn081118876	2.71E-06 ± 1.99E-08	3.41 ± 0.77	2.59 ± 0.37	2.32 ± 0.18
bn081119184	6.14E-08 ± 9.29E-09	2.43 ± 0.65	1.11 ± 0.22	0.42 ± 0.08
bn081120618	8.64E-07 ± 1.04E-08	1.67 ± 0.45	1.38 ± 0.22	1.20 ± 0.11
bn081121858	8.47E-06 ± 1.20E-07	7.16 ± 1.25	5.69 ± 0.75	3.50 ± 0.37
bn081122520	4.61E-06 ± 4.46E-08	9.44 ± 1.05	8.97 ± 0.52	6.09 ± 0.24
bn081122614	7.05E-08 ± 4.38E-09	3.62 ± 0.51	1.86 ± 0.19	0.45 ± 0.06
bn081124060	2.07E-06 ± 2.86E-08	2.17 ± 1.15	2.14 ± 0.55	1.74 ± 0.30
bn081125496	1.10E-05 ± 8.32E-08	14.90 ± 1.83	14.47 ± 0.90	12.76 ± 0.43
bn081126899	5.37E-06 ± 3.22E-08	4.28 ± 0.81	3.72 ± 0.39	3.34 ± 0.19
bn081129161	8.46E-06 ± 7.31E-08	9.78 ± 1.26	9.09 ± 0.64	6.91 ± 0.31
bn081130212	9.50E-08 ± 1.20E-08	1.22 ± 0.47	0.86 ± 0.20	0.41 ± 0.08
bn081130629	1.57E-06 ± 2.65E-08	2.98 ± 0.57	2.09 ± 0.24	1.71 ± 0.11
bn081204004	7.08E-07 ± 3.46E-08	2.77 ± 0.66	2.05 ± 0.30	1.45 ± 0.15
bn081204517	1.75E-07 ± 8.22E-09	6.45 ± 0.83	3.26 ± 0.36	0.93 ± 0.13
bn081206275	2.52E-06 ± 4.39E-08	2.01 ± 0.80	1.30 ± 0.41	0.89 ± 0.16
bn081206604	2.62E-07 ± 1.86E-08	0.66 ± 0.24	0.54 ± 0.12	0.45 ± 0.06
bn081206987	6.49E-07 ± 1.77E-08	0.85 ± 0.41	0.60 ± 0.14	0.41 ± 0.06
bn081207680	2.61E-05 ± 5.93E-08	3.34 ± 0.73	2.74 ± 0.34	2.41 ± 0.17
bn081209981	4.17E-07 ± 6.89E-09	11.82 ± 1.21	6.88 ± 0.54	1.82 ± 0.22
bn081213173	5.63E-08 ± 9.37E-09	2.96 ± 0.58	1.19 ± 0.20	0.36 ± 0.06
bn081215784	2.32E-05 ± 2.51E-08	70.61 ± 2.13	57.89 ± 1.00	31.29 ± 0.39
bn081215880	1.04E-06 ± 1.66E-08	3.08 ± 0.74	2.33 ± 0.34	1.33 ± 0.13
bn081216531	9.46E-07 ± 3.24E-08	16.66 ± 1.27	13.12 ± 0.57	4.17 ± 0.21
bn081217983	5.29E-06 ± 7.06E-08	3.50 ± 0.64	2.98 ± 0.30	2.67 ± 0.16
bn081221681	1.78E-05 ± 3.72E-08	12.01 ± 1.36	11.38 ± 0.64	11.06 ± 0.32
bn081222204	6.94E-06 ± 5.26E-08	6.63 ± 0.93	5.93 ± 0.45	5.30 ± 0.23
bn081223419	5.04E-07 ± 9.49E-09	7.70 ± 0.88	6.76 ± 0.42	2.68 ± 0.18
bn081224887	1.69E-05 ± 7.74E-08	13.46 ± 1.08	13.18 ± 0.55	12.85 ± 0.27
bn081225257	2.35E-06 ± 3.02E-08	1.30 ± 0.63	0.76 ± 0.29	0.64 ± 0.14

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn081226044	2.07E-07 ± 1.46E-08	3.32 ± 0.83	2.97 ± 0.39	1.04 ± 0.13
bn081226156	2.42E-06 ± 2.27E-08	1.80 ± 0.46	1.24 ± 0.19	0.92 ± 0.08
bn081226509	1.93E-07 ± 7.25E-09	5.13 ± 0.78	3.46 ± 0.33	0.95 ± 0.13
bn081229187	2.81E-07 ± 3.55E-08	2.66 ± 0.60	2.27 ± 0.33	0.75 ± 0.16
bn081229675	6.99E-08 ± 1.52E-08	5.37 ± 0.75	1.91 ± 0.23	0.44 ± 0.09
bn081230871	9.14E-08 ± 7.74E-09	2.37 ± 0.62	0.98 ± 0.30	0.51 ± 0.15
bn081231140	9.08E-06 ± 6.37E-08	7.30 ± 1.05	6.62 ± 0.50	4.96 ± 0.23
bn090101758	6.96E-06 ± 6.05E-08	6.44 ± 0.95	5.52 ± 0.55	4.84 ± 0.28
bn090102122	1.30E-05 ± 3.02E-08	10.01 ± 0.97	8.50 ± 0.47	6.45 ± 0.21
bn090107681	1.71E-06 ± 5.67E-08	2.37 ± 1.63	1.62 ± 0.69	0.97 ± 0.33
bn090108020	5.17E-07 ± 9.23E-09	13.13 ± 0.75	8.97 ± 0.32	3.09 ± 0.11
bn090108322	1.83E-07 ± 7.72E-09	4.65 ± 0.68	3.46 ± 0.29	0.90 ± 0.09
bn090109332	1.07E-07 ± 9.15E-09	1.94 ± 0.82	1.00 ± 0.47	0.48 ± 0.22
bn090112332	2.15E-06 ± 3.66E-08	3.44 ± 0.60	2.78 ± 0.27	1.84 ± 0.11
bn090112729	5.54E-06 ± 5.44E-08	7.42 ± 1.32	7.13 ± 0.63	5.86 ± 0.29
bn090113778	8.27E-07 ± 2.60E-08	3.61 ± 0.71	2.56 ± 0.36	1.69 ± 0.17
bn090117335	6.96E-07 ± 2.37E-08	1.97 ± 0.50	1.55 ± 0.23	1.24 ± 0.11
bn090117632	5.19E-06 ± 2.49E-08	2.68 ± 0.59	1.92 ± 0.28	1.66 ± 0.13
bn090117640	9.85E-07 ± 2.16E-08	2.82 ± 0.98	2.68 ± 0.49	1.74 ± 0.21
bn090120627	3.82E-07 ± 1.07E-08	2.54 ± 0.63	1.66 ± 0.30	0.93 ± 0.15
bn090126227	4.92E-07 ± 9.30E-09	1.47 ± 0.67	0.93 ± 0.37	0.77 ± 0.18
bn090126245	2.02E-07 ± 1.06E-08	2.41 ± 0.48	1.39 ± 0.23	0.86 ± 0.11
bn090129880	2.70E-06 ± 2.81E-08	3.92 ± 0.77	2.88 ± 0.43	2.66 ± 0.21
bn090131090	8.64E-06 ± 2.82E-08	13.77 ± 1.52	12.75 ± 0.74	9.21 ± 0.35
bn090202347	2.93E-06 ± 1.37E-08	4.00 ± 0.77	3.49 ± 0.40	2.74 ± 0.20
bn090206620	2.61E-07 ± 6.55E-09	6.58 ± 0.73	4.33 ± 0.31	1.21 ± 0.09
bn090207777	1.43E-06 ± 2.25E-08	1.86 ± 0.40	1.37 ± 0.18	0.91 ± 0.07
bn090213236	6.61E-07 ± 3.28E-08	1.33 ± 0.43	0.84 ± 0.20	0.47 ± 0.10
bn090217206	1.14E-05 ± 1.79E-08	6.91 ± 0.69	5.52 ± 0.32	4.51 ± 0.14
bn090219074	9.30E-08 ± 2.58E-08	2.78 ± 0.97	1.58 ± 0.40	0.68 ± 0.15
bn090222179	1.93E-06 ± 3.04E-08	2.16 ± 0.70	1.67 ± 0.33	1.29 ± 0.17
bn090225009	7.22E-08 ± 8.10E-09	1.05 ± 0.68	0.64 ± 0.13	0.29 ± 0.07
bn090227310	1.50E-06 ± 1.17E-08	3.91 ± 0.61	1.75 ± 0.20	1.25 ± 0.09
bn090227772	1.81E-06 ± 6.24E-09	38.43 ± 1.48	23.81 ± 0.62	6.61 ± 0.17
bn090228204	1.76E-06 ± 1.32E-08	60.99 ± 2.19	25.46 ± 0.70	7.22 ± 0.19
bn090228976	5.42E-07 ± 3.88E-08	1.14 ± 0.38	0.83 ± 0.15	0.60 ± 0.08
bn090301315	1.14E-06 ± 1.62E-08	2.06 ± 0.63	1.58 ± 0.35	1.34 ± 0.18
bn090304216	4.80E-07 ± 5.26E-08	1.80 ± 0.52	1.28 ± 0.36	0.84 ± 0.14
bn090305052	7.73E-07 ± 6.47E-09	4.89 ± 0.51	4.08 ± 0.28	2.68 ± 0.15
bn090306245	7.13E-07 ± 1.93E-08	1.27 ± 0.35	0.67 ± 0.15	0.41 ± 0.06

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090307167	5.54E-07 ± 2.03E-08	0.81 ± 0.26	0.46 ± 0.17	0.32 ± 0.06
bn090308734	1.01E-06 ± 1.36E-08	6.20 ± 0.71	4.78 ± 0.34	3.04 ± 0.17
bn090309767	2.28E-06 ± 3.76E-08	2.00 ± 0.74	1.30 ± 0.43	1.00 ± 0.19
bn090310189	3.00E-06 ± 3.28E-08	2.90 ± 0.80	1.83 ± 0.40	1.39 ± 0.20
bn090316311	5.72E-07 ± 1.09E-08	4.25 ± 0.52	3.05 ± 0.29	1.17 ± 0.11
bn090319622	3.49E-06 ± 3.38E-08	2.12 ± 0.49	1.39 ± 0.18	0.99 ± 0.09
bn090320045	2.49E-07 ± 1.15E-08	0.93 ± 0.58	0.80 ± 0.25	0.55 ± 0.13
bn090320418	4.96E-07 ± 1.77E-08	1.49 ± 0.49	1.05 ± 0.31	0.74 ± 0.14
bn090320801	8.84E-07 ± 3.26E-08	2.00 ± 0.47	1.50 ± 0.21	0.99 ± 0.10
bn090323002	5.39E-05 ± 2.61E-08	9.16 ± 0.66	8.23 ± 0.34	7.16 ± 0.16
bn090326633	8.79E-07 ± 3.09E-08	1.90 ± 0.82	1.54 ± 0.45	1.27 ± 0.22
bn090327404	1.57E-06 ± 2.92E-08	1.65 ± 0.70	1.20 ± 0.31	0.98 ± 0.17
bn090328401	1.97E-05 ± 3.81E-08	11.90 ± 0.84	11.06 ± 0.41	8.30 ± 0.18
bn090328713	7.15E-08 ± 1.02E-08	5.80 ± 0.55	2.53 ± 0.20	0.61 ± 0.06
bn090330279	8.23E-06 ± 2.66E-08	3.63 ± 0.48	3.36 ± 0.25	2.89 ± 0.11
bn090331681	1.73E-07 ± 1.74E-08	3.98 ± 0.82	1.93 ± 0.35	1.00 ± 0.16
bn090403314	6.33E-07 ± 1.07E-08	1.41 ± 0.40	0.77 ± 0.13	0.49 ± 0.06
bn090405663	1.43E-07 ± 1.56E-08	4.00 ± 0.53	2.35 ± 0.23	0.71 ± 0.10
bn090409288	5.68E-07 ± 3.07E-08	1.12 ± 0.75	0.95 ± 0.38	0.44 ± 0.18
bn090411838	3.80E-06 ± 6.37E-08	4.45 ± 0.88	3.65 ± 0.49	2.65 ± 0.22
bn090411991	3.59E-06 ± 5.61E-08	3.84 ± 0.96	3.02 ± 0.50	2.04 ± 0.25
bn090412061	7.36E-08 ± 7.83E-09	2.37 ± 0.57	1.70 ± 0.24	0.45 ± 0.10
bn090413122	1.97E-06 ± 2.71E-08	2.50 ± 0.67	2.06 ± 0.33	1.32 ± 0.16
bn090418816	9.99E-08 ± 1.72E-08	3.10 ± 0.56	1.85 ± 0.25	0.74 ± 0.11
bn090419997	7.27E-06 ± 2.64E-08	2.00 ± 0.47	1.52 ± 0.21	1.23 ± 0.10
bn090422150	2.67E-07 ± 1.84E-08	1.71 ± 0.43	1.47 ± 0.22	0.80 ± 0.10
bn090423330	4.36E-07 ± 4.05E-08	1.26 ± 0.47	0.79 ± 0.20	0.58 ± 0.10
bn090424592	2.80E-05 ± 2.02E-08	64.98 ± 1.88	58.04 ± 0.99	45.97 ± 0.49
bn090425377	8.04E-06 ± 6.66E-08	6.71 ± 1.79	5.62 ± 0.79	4.64 ± 0.39
bn090426066	3.75E-07 ± 2.04E-08	1.40 ± 0.33	1.00 ± 0.16	0.78 ± 0.08
bn090426690	1.41E-06 ± 3.04E-08	3.03 ± 0.78	2.71 ± 0.41	2.29 ± 0.19
bn090427644	1.52E-07 ± 9.99E-09	1.42 ± 0.60	1.08 ± 0.29	0.76 ± 0.15
bn090427688	9.36E-07 ± 1.58E-08	1.75 ± 0.48	0.91 ± 0.20	0.63 ± 0.08
bn090428441	6.16E-07 ± 3.67E-08	5.08 ± 0.90	3.92 ± 0.50	2.26 ± 0.25
bn090428552	2.80E-06 ± 6.16E-08	2.51 ± 0.96	2.09 ± 0.53	1.76 ± 0.27
bn090429530	1.67E-06 ± 5.07E-08	2.37 ± 1.16	1.59 ± 0.46	1.24 ± 0.22
bn090429753	3.93E-07 ± 1.41E-08	3.78 ± 0.83	3.27 ± 0.36	1.77 ± 0.15
bn090502777	1.73E-06 ± 1.60E-08	2.91 ± 0.51	2.23 ± 0.23	1.39 ± 0.10
bn090509215	2.06E-06 ± 1.99E-08	2.31 ± 0.49	1.27 ± 0.20	1.03 ± 0.10
bn090510016	9.01E-07 ± 1.03E-08	16.22 ± 1.58	8.99 ± 0.75	3.82 ± 0.24

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090510325	3.17E-07 ± 1.56E-08	0.81 ± 0.32	0.65 ± 0.15	0.47 ± 0.07
bn090511684	8.25E-07 ± 2.34E-08	1.94 ± 0.68	1.44 ± 0.36	1.17 ± 0.19
bn090513916	2.68E-06 ± 9.18E-08	2.12 ± 0.77	1.73 ± 0.41	1.08 ± 0.16
bn090513941	4.83E-07 ± 1.43E-08	0.94 ± 0.34	0.64 ± 0.16	0.41 ± 0.09
bn090514006	3.34E-06 ± 5.32E-08	4.05 ± 0.75	3.11 ± 0.42	2.74 ± 0.19
bn090514726	1.30E-06 ± 1.87E-08	7.18 ± 1.03	6.57 ± 0.56	4.06 ± 0.26
bn090514734	4.99E-06 ± 9.65E-08	2.22 ± 0.97	1.64 ± 0.49	1.22 ± 0.24
bn090516137	9.63E-06 ± 7.39E-08	2.29 ± 0.43	1.70 ± 0.20	1.46 ± 0.10
bn090516353	8.82E-06 ± 3.97E-08	2.83 ± 0.66	1.89 ± 0.29	1.54 ± 0.13
bn090516853	2.25E-06 ± 3.67E-08	4.90 ± 1.07	4.09 ± 0.50	3.31 ± 0.24
bn090518080	4.28E-07 ± 1.02E-08	1.95 ± 1.15	1.48 ± 0.57	1.32 ± 0.31
bn090518244	1.38E-06 ± 4.50E-08	3.85 ± 1.00	3.06 ± 0.45	2.19 ± 0.22
bn090519462	2.12E-06 ± 2.28E-08	1.65 ± 0.91	1.49 ± 0.37	1.02 ± 0.19
bn090519881	1.81E-06 ± 2.24E-08	1.15 ± 0.62	0.76 ± 0.32	0.46 ± 0.15
bn090520832	1.61E-07 ± 1.39E-08	2.76 ± 1.01	1.79 ± 0.43	0.87 ± 0.19
bn090520850	2.06E-06 ± 5.56E-08	4.29 ± 1.00	2.90 ± 0.43	2.48 ± 0.21
bn090520876	2.65E-06 ± 2.24E-08	2.71 ± 0.86	2.32 ± 0.46	1.93 ± 0.23
bn090522344	8.84E-07 ± 1.80E-08	1.95 ± 0.81	1.45 ± 0.38	1.05 ± 0.20
bn090524346	9.49E-06 ± 3.72E-08	6.43 ± 0.85	6.22 ± 0.44	5.77 ± 0.22
bn090528173	2.78E-06 ± 4.64E-08	2.18 ± 0.84	1.41 ± 0.42	1.00 ± 0.20
bn090528516	2.45E-05 ± 4.42E-08	8.45 ± 0.85	7.38 ± 0.45	5.50 ± 0.21
bn090529310	5.64E-07 ± 1.85E-08	1.94 ± 0.72	1.57 ± 0.33	1.24 ± 0.16
bn090529564	4.85E-06 ± 1.91E-08	15.73 ± 1.15	12.99 ± 0.56	10.53 ± 0.27
bn090530760	3.31E-05 ± 4.87E-08	6.36 ± 0.65	5.97 ± 0.32	5.45 ± 0.15
bn090531775	1.60E-07 ± 1.10E-08	2.74 ± 0.56	1.61 ± 0.22	1.06 ± 0.09
bn090602564	1.15E-06 ± 2.79E-08	1.10 ± 0.57	0.73 ± 0.14	0.51 ± 0.08
bn090606471	5.60E-07 ± 4.43E-08	2.48 ± 1.16	1.17 ± 0.47	0.74 ± 0.22
bn090608052	6.16E-07 ± 7.98E-09	1.44 ± 0.80	1.07 ± 0.36	0.67 ± 0.17
bn090610648	7.45E-07 ± 3.21E-08	1.90 ± 0.65	1.63 ± 0.29	1.48 ± 0.15
bn090610723	2.06E-06 ± 4.88E-08	1.79 ± 0.49	1.14 ± 0.22	0.78 ± 0.10
bn090610883	3.92E-07 ± 1.20E-08	1.02 ± 0.52	0.84 ± 0.21	0.54 ± 0.09
bn090612619	3.41E-06 ± 2.39E-08	5.18 ± 0.53	4.45 ± 0.26	4.12 ± 0.13
bn090616157	2.03E-07 ± 1.17E-08	1.57 ± 0.70	1.46 ± 0.32	0.98 ± 0.15
bn090617208	3.59E-07 ± 8.17E-09	9.74 ± 0.81	5.99 ± 0.38	1.52 ± 0.14
bn090618353	1.42E-04 ± 2.33E-07	35.50 ± 2.57	32.42 ± 1.25	29.98 ± 0.61
bn090620400	9.18E-06 ± 2.61E-08	13.18 ± 0.78	11.50 ± 0.38	9.75 ± 0.18
bn090620901	2.32E-07 ± 1.65E-08	1.76 ± 0.71	1.36 ± 0.29	1.06 ± 0.14
bn090621185	5.42E-06 ± 1.11E-07	1.93 ± 0.71	1.28 ± 0.38	1.03 ± 0.19
bn090621417	2.07E-06 ± 4.99E-08	2.36 ± 0.70	1.87 ± 0.36	1.41 ± 0.17
bn090621447	8.38E-07 ± 2.47E-08	1.37 ± 0.36	0.97 ± 0.17	0.71 ± 0.07

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090621922	1.97E-07 ± 1.16E-08	5.80 ± 0.91	2.96 ± 0.37	0.92 ± 0.12
bn090623107	5.58E-06 ± 3.70E-08	5.01 ± 0.77	4.44 ± 0.38	3.23 ± 0.18
bn090623913	1.30E-06 ± 3.06E-08	2.59 ± 0.51	2.01 ± 0.22	1.16 ± 0.08
bn090625234	8.37E-07 ± 7.05E-09	1.45 ± 0.47	0.86 ± 0.25	0.59 ± 0.13
bn090625560	1.46E-06 ± 3.96E-08	3.13 ± 0.80	1.95 ± 0.34	1.36 ± 0.15
bn090626189	3.38E-05 ± 5.85E-08	27.26 ± 1.85	23.93 ± 0.83	16.05 ± 0.35
bn090626707	3.38E-05 ± 5.85E-08	27.26 ± 1.85	23.93 ± 0.83	16.05 ± 0.35
bn090629543	2.23E-07 ± 1.39E-08	0.80 ± 0.34	0.48 ± 0.17	0.25 ± 0.06
bn090630311	5.42E-07 ± 6.37E-09	2.79 ± 0.83	2.29 ± 0.41	1.84 ± 0.20
bn090701225	2.32E-07 ± 9.12E-09	1.69 ± 0.72	1.29 ± 0.36	1.05 ± 0.18
bn090703329	4.51E-07 ± 1.57E-08	1.84 ± 0.45	1.26 ± 0.21	0.74 ± 0.08
bn090704242	4.17E-06 ± 4.60E-08	2.60 ± 0.88	1.19 ± 0.45	0.77 ± 0.21
bn090704783	8.34E-07 ± 1.96E-08	1.03 ± 0.43	0.77 ± 0.21	0.57 ± 0.08
bn090706283	1.64E-06 ± 2.81E-08	1.49 ± 0.55	0.68 ± 0.25	0.60 ± 0.09
bn090708152	5.26E-07 ± 1.67E-08	0.78 ± 0.32	0.54 ± 0.14	0.37 ± 0.05
bn090709630	1.28E-06 ± 2.40E-08	2.04 ± 0.60	1.58 ± 0.30	1.34 ± 0.15
bn090711850	2.89E-06 ± 4.31E-08	2.73 ± 0.79	1.71 ± 0.44	1.48 ± 0.21
bn090712160	2.16E-06 ± 2.39E-08	1.65 ± 0.42	1.09 ± 0.19	0.87 ± 0.09
bn090713020	5.39E-06 ± 1.95E-08	2.65 ± 0.79	1.60 ± 0.38	1.26 ± 0.18
bn090717034	1.31E-05 ± 3.95E-08	8.29 ± 0.92	6.89 ± 0.50	6.18 ± 0.24
bn090717111	1.57E-07 ± 1.26E-08	1.94 ± 0.50	1.74 ± 0.26	0.84 ± 0.13
bn090718720	1.89E-06 ± 1.91E-08	1.64 ± 1.02	1.12 ± 0.42	0.55 ± 0.20
bn090718762	1.36E-05 ± 5.60E-08	15.54 ± 1.29	14.52 ± 0.65	12.71 ± 0.33
bn090719063	2.69E-05 ± 8.15E-08	23.37 ± 1.61	21.86 ± 0.79	21.17 ± 0.39
bn090720276	1.90E-06 ± 2.02E-08	5.76 ± 0.84	4.65 ± 0.40	4.13 ± 0.19
bn090720710	4.82E-06 ± 1.15E-08	18.04 ± 0.98	14.59 ± 0.45	4.69 ± 0.14
bn090725838	1.29E-06 ± 2.58E-08	1.76 ± 1.11	1.38 ± 0.53	1.03 ± 0.27
bn090726218	3.06E-07 ± 1.03E-08	0.86 ± 0.38	1.03 ± 0.21	0.36 ± 0.05
bn090730608	1.92E-06 ± 4.26E-08	3.49 ± 0.41	3.00 ± 0.19	2.44 ± 0.09
bn090802235	2.81E-07 ± 4.98E-09	16.04 ± 1.28	5.60 ± 0.43	1.48 ± 0.15
bn090802666	1.45E-06 ± 3.16E-08	1.64 ± 0.98	1.18 ± 0.46	0.85 ± 0.24
bn090804940	9.73E-06 ± 7.24E-08	19.40 ± 1.68	18.70 ± 0.80	16.36 ± 0.41
bn090805622	2.50E-06 ± 2.79E-08	2.32 ± 1.45	1.31 ± 0.77	0.92 ± 0.34
bn090807832	5.53E-07 ± 1.31E-08	4.98 ± 0.50	3.85 ± 0.24	1.73 ± 0.09
bn090809978	1.20E-05 ± 7.03E-08	13.56 ± 1.16	12.52 ± 0.58	11.27 ± 0.28
bn090810659	4.50E-06 ± 2.54E-08	2.38 ± 0.66	1.65 ± 0.24	1.36 ± 0.13
bn090810781	2.47E-06 ± 2.90E-08	1.58 ± 0.71	1.09 ± 0.40	0.85 ± 0.19
bn090811696	4.59E-07 ± 1.14E-08	2.14 ± 0.83	1.43 ± 0.40	0.74 ± 0.20
bn090813174	1.81E-06 ± 2.24E-08	15.16 ± 1.10	10.02 ± 0.53	5.59 ± 0.25
bn090814368	2.41E-07 ± 3.81E-09	6.13 ± 0.69	4.38 ± 0.29	1.14 ± 0.09

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn090814950	8.73E-06 ± 1.91E-07	3.22 ± 0.96	2.60 ± 0.41	2.11 ± 0.20
bn090815300	7.86E-07 ± 2.26E-08	1.00 ± 0.44	1.07 ± 0.20	0.49 ± 0.06
bn090815438	1.84E-06 ± 2.19E-08	2.78 ± 0.54	2.33 ± 0.26	2.10 ± 0.13
bn090815946	2.16E-06 ± 2.67E-08	1.14 ± 0.49	0.88 ± 0.23	0.54 ± 0.10
bn090817036	2.54E-06 ± 5.90E-08	3.53 ± 0.70	1.92 ± 0.26	1.30 ± 0.10
bn090819607	1.36E-07 ± 8.29E-09	4.11 ± 0.70	2.37 ± 0.32	0.65 ± 0.13
bn090820027	9.11E-05 ± 8.84E-08	68.12 ± 2.98	67.23 ± 1.45	63.17 ± 0.71
bn090820509	5.47E-07 ± 1.99E-08	4.25 ± 0.82	2.64 ± 0.42	1.25 ± 0.15
bn090823133	9.69E-07 ± 3.12E-08	1.51 ± 0.43	1.28 ± 0.21	0.85 ± 0.09
bn090824918	1.77E-06 ± 3.25E-08	2.38 ± 1.14	1.29 ± 0.52	0.70 ± 0.25
bn090826068	4.75E-07 ± 2.26E-08	1.76 ± 0.68	1.50 ± 0.32	1.12 ± 0.16
bn090828099	1.28E-05 ± 1.02E-07	7.06 ± 1.21	6.27 ± 0.60	5.80 ± 0.30
bn090829672	3.83E-05 ± 8.43E-08	25.44 ± 1.35	20.88 ± 0.66	16.25 ± 0.32
bn090829702	2.67E-06 ± 2.70E-08	1.84 ± 0.58	1.38 ± 0.27	1.10 ± 0.14
bn090831317	4.82E-06 ± 2.93E-08	19.27 ± 1.56	9.00 ± 0.68	2.58 ± 0.26
bn090902401	7.35E-07 ± 2.23E-08	3.66 ± 0.74	3.14 ± 0.30	2.35 ± 0.15
bn090902462	9.44E-05 ± 1.77E-07	47.05 ± 1.92	39.91 ± 0.92	32.14 ± 0.44
bn090904058	1.16E-05 ± 1.13E-07	3.57 ± 0.67	2.96 ± 0.29	2.33 ± 0.14
bn090904581	8.69E-07 ± 1.49E-08	0.87 ± 0.39	0.46 ± 0.12	0.31 ± 0.06
bn090907017	2.80E-06 ± 6.52E-08	2.72 ± 1.03	1.73 ± 0.51	1.22 ± 0.24
bn090907808	5.84E-07 ± 1.22E-08	4.66 ± 0.51	4.48 ± 0.28	2.56 ± 0.11
bn090908314	1.90E-06 ± 2.06E-08	2.36 ± 0.48	1.47 ± 0.21	0.99 ± 0.11
bn090908341	1.25E-06 ± 6.49E-09	2.72 ± 0.71	1.65 ± 0.35	1.11 ± 0.16
bn090909487	3.06E-06 ± 8.64E-08	5.11 ± 1.57	2.39 ± 0.55	1.72 ± 0.25
bn090909854	1.03E-07 ± 1.12E-08	2.66 ± 0.45	1.37 ± 0.16	0.67 ± 0.07
bn090910812	1.07E-05 ± 1.16E-07	3.54 ± 0.72	2.60 ± 0.29	2.31 ± 0.15
bn090912660	4.41E-06 ± 2.22E-08	1.59 ± 0.46	1.02 ± 0.21	0.64 ± 0.09
bn090915650	1.72E-06 ± 2.71E-08	2.01 ± 0.83	1.29 ± 0.41	0.95 ± 0.20
bn090917661	5.84E-07 ± 2.03E-08	1.57 ± 0.35	1.05 ± 0.18	0.79 ± 0.08
bn090920035	1.75E-06 ± 1.98E-08	2.19 ± 1.45	1.23 ± 0.70	0.91 ± 0.33
bn090922539	6.42E-06 ± 2.67E-08	7.98 ± 0.87	7.37 ± 0.49	6.88 ± 0.23
bn090922605	2.46E-06 ± 5.29E-08	6.78 ± 1.39	4.19 ± 0.54	1.58 ± 0.19
bn090924625	1.71E-07 ± 6.86E-09	4.79 ± 0.82	2.98 ± 0.34	0.80 ± 0.15
bn090925389	4.97E-06 ± 1.61E-07	3.27 ± 0.97	2.53 ± 0.52	1.86 ± 0.24
bn090926181	7.44E-05 ± 1.79E-07	48.53 ± 1.56	48.06 ± 0.78	43.10 ± 0.37
bn090926914	6.62E-06 ± 1.51E-08	2.95 ± 0.59	2.15 ± 0.26	1.83 ± 0.13
bn090927422	1.24E-07 ± 9.01E-09	2.50 ± 1.09	1.60 ± 0.59	0.73 ± 0.27
bn090928646	1.16E-06 ± 2.79E-08	2.78 ± 1.13	1.97 ± 0.53	1.56 ± 0.30
bn090929190	3.86E-06 ± 5.08E-08	14.90 ± 1.66	13.54 ± 0.94	9.09 ± 0.41
bn091002685	1.63E-07 ± 6.14E-09	1.70 ± 0.59	1.45 ± 0.33	0.91 ± 0.17

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn091003191	1.20E-05 ± 3.73E-08	22.19 ± 2.11	19.68 ± 1.04	14.57 ± 0.49
bn091005679	7.91E-07 ± 3.27E-08	1.70 ± 0.70	1.27 ± 0.29	0.94 ± 0.13
bn091006360	7.82E-08 ± 9.67E-09	2.47 ± 0.52	1.93 ± 0.23	0.71 ± 0.10
bn091010113	6.00E-06 ± 2.99E-08	37.33 ± 1.75	33.35 ± 0.88	16.76 ± 0.39
bn091012783	8.03E-07 ± 2.29E-08	9.35 ± 1.09	6.35 ± 0.47	3.88 ± 0.19
bn091013989	1.28E-06 ± 2.05E-08	1.56 ± 0.52	1.27 ± 0.25	0.99 ± 0.11
bn091015129	7.88E-07 ± 2.65E-08	2.92 ± 0.97	2.10 ± 0.46	1.58 ± 0.20
bn091017861	2.38E-07 ± 7.90E-09	1.30 ± 0.45	1.09 ± 0.20	0.86 ± 0.09
bn091017985	1.15E-06 ± 1.68E-08	1.10 ± 0.38	0.99 ± 0.18	0.57 ± 0.07
bn091018957	1.16E-07 ± 1.40E-08	5.77 ± 2.68	3.46 ± 1.13	1.14 ± 0.41
bn091019750	6.08E-08 ± 3.03E-09	4.48 ± 0.69	1.28 ± 0.28	0.34 ± 0.13
bn091020900	4.52E-06 ± 8.08E-08	3.72 ± 1.07	3.33 ± 0.55	2.90 ± 0.27
bn091020977	5.22E-06 ± 2.94E-08	4.93 ± 0.60	4.08 ± 0.31	3.50 ± 0.15
bn091023021	2.56E-07 ± 1.01E-08	2.29 ± 0.59	1.51 ± 0.25	1.19 ± 0.12
bn091024372	4.97E-06 ± 3.47E-08	2.54 ± 0.66	1.49 ± 0.21	1.18 ± 0.10
bn091024380	1.47E-05 ± 2.67E-08	2.15 ± 0.58	1.37 ± 0.22	0.93 ± 0.09
bn091026485	3.15E-07 ± 1.18E-08	2.35 ± 0.96	1.48 ± 0.42	0.75 ± 0.20
bn091026550	7.17E-07 ± 2.72E-08	4.10 ± 2.06	2.09 ± 0.90	1.21 ± 0.49
bn091030613	2.57E-06 ± 1.87E-08	2.79 ± 0.64	2.04 ± 0.40	1.50 ± 0.20
bn091030828	1.40E-05 ± 8.43E-08	5.69 ± 0.90	5.15 ± 0.47	4.96 ± 0.22
bn091031500	8.04E-06 ± 4.47E-08	5.47 ± 0.85	4.28 ± 0.43	3.54 ± 0.22
bn091101143	4.27E-06 ± 4.38E-08	8.70 ± 1.15	6.80 ± 0.57	5.93 ± 0.28
bn091102607	1.06E-06 ± 6.28E-08	3.21 ± 0.91	2.11 ± 0.41	1.34 ± 0.20
bn091103912	3.30E-06 ± 6.38E-08	4.16 ± 0.63	3.67 ± 0.40	3.23 ± 0.20
bn091106762	7.85E-07 ± 3.76E-08	2.07 ± 1.48	1.03 ± 0.65	0.52 ± 0.29
bn091107635	5.37E-07 ± 2.29E-08	1.70 ± 0.32	1.14 ± 0.17	0.95 ± 0.08
bn091109895	1.15E-06 ± 2.91E-08	5.18 ± 0.63	4.37 ± 0.29	2.29 ± 0.12
bn091112737	4.04E-06 ± 2.87E-08	2.94 ± 0.80	2.04 ± 0.39	1.77 ± 0.19
bn091112928	2.65E-06 ± 2.67E-08	2.49 ± 0.67	1.62 ± 0.35	1.12 ± 0.17
bn091115177	8.38E-07 ± 3.16E-08	1.14 ± 0.40	0.55 ± 0.13	0.35 ± 0.05
bn091117080	1.85E-06 ± 2.41E-08	2.00 ± 0.51	0.88 ± 0.21	0.57 ± 0.10
bn091120191	1.61E-05 ± 2.00E-07	10.95 ± 1.08	10.07 ± 0.56	7.28 ± 0.26
bn091122163	7.92E-08 ± 6.09E-09	0.92 ± 0.54	0.70 ± 0.21	0.36 ± 0.07
bn091123081	1.14E-06 ± 4.78E-08	2.09 ± 0.63	1.54 ± 0.27	1.32 ± 0.14
bn091123298	1.93E-05 ± 6.56E-08	4.37 ± 0.74	3.49 ± 0.34	2.40 ± 0.15
bn091126333	2.24E-07 ± 1.66E-08	6.19 ± 0.92	4.50 ± 0.42	1.14 ± 0.15
bn091126389	6.97E-08 ± 4.87E-09	2.19 ± 0.43	1.08 ± 0.17	0.22 ± 0.05
bn091127976	9.43E-06 ± 2.00E-08	31.08 ± 2.04	25.97 ± 0.95	16.71 ± 0.45
bn091128285	2.15E-05 ± 3.84E-08	7.46 ± 0.96	6.15 ± 0.46	5.21 ± 0.21
bn091201089	4.48E-07 ± 9.54E-09	1.00 ± 0.45	0.65 ± 0.25	0.52 ± 0.12

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn091202072	8.76E-07 ± 1.97E-08	1.84 ± 0.71	1.11 ± 0.35	0.85 ± 0.18
bn091202219	3.62E-06 ± 2.78E-08	1.88 ± 0.50	1.67 ± 0.25	0.83 ± 0.08
bn091207333	2.94E-06 ± 5.80E-08	2.58 ± 0.80	1.97 ± 0.36	1.60 ± 0.18
bn091208410	3.17E-06 ± 9.86E-08	11.08 ± 1.43	10.47 ± 0.68	6.96 ± 0.32
bn091209001	5.46E-06 ± 1.02E-07	3.76 ± 0.95	2.25 ± 0.40	1.69 ± 0.19
bn091215234	4.38E-07 ± 3.35E-09	1.29 ± 0.35	0.81 ± 0.17	0.59 ± 0.08
bn091219462	4.51E-07 ± 1.35E-08	2.54 ± 0.48	2.11 ± 0.23	1.29 ± 0.09
bn091220442	3.09E-06 ± 2.49E-08	3.43 ± 0.95	2.71 ± 0.48	2.52 ± 0.24
bn091221870	5.27E-06 ± 9.28E-08	3.35 ± 0.73	2.76 ± 0.33	2.17 ± 0.16
bn091223191	1.56E-07 ± 2.44E-09	2.56 ± 0.61	1.80 ± 0.29	0.75 ± 0.14
bn091223511	5.27E-06 ± 3.33E-08	2.25 ± 0.82	1.57 ± 0.33	1.14 ± 0.15
bn091224373	1.41E-07 ± 6.52E-09	3.04 ± 0.87	1.72 ± 0.38	0.65 ± 0.15
bn091227294	3.81E-06 ± 5.71E-08	3.13 ± 0.80	2.28 ± 0.38	2.00 ± 0.19
bn091230260	1.06E-06 ± 2.29E-08	0.97 ± 0.32	0.60 ± 0.15	0.36 ± 0.07
bn091230712	1.50E-06 ± 4.79E-08	2.33 ± 0.92	1.45 ± 0.49	1.07 ± 0.24
bn091231206	5.58E-06 ± 1.06E-07	2.35 ± 0.63	2.01 ± 0.33	1.83 ± 0.17
bn091231540	4.06E-07 ± 1.60E-08	0.83 ± 0.45	0.62 ± 0.13	0.46 ± 0.06
bn100101028	2.50E-07 ± 9.38E-09	2.29 ± 0.79	1.34 ± 0.36	0.64 ± 0.12
bn100101988	3.75E-07 ± 1.18E-08	1.34 ± 0.55	1.15 ± 0.24	0.84 ± 0.12
bn100107074	9.05E-08 ± 1.10E-08	6.43 ± 1.49	1.70 ± 0.50	0.63 ± 0.23
bn100111176	6.01E-07 ± 8.87E-09	1.18 ± 0.91	1.05 ± 0.44	0.69 ± 0.19
bn100112418	5.56E-07 ± 5.99E-09	0.89 ± 0.34	0.49 ± 0.14	0.36 ± 0.06
bn100116897	1.28E-05 ± 6.14E-08	7.83 ± 1.03	7.06 ± 0.48	6.73 ± 0.23
bn100117879	1.98E-07 ± 2.74E-08	5.23 ± 0.86	3.61 ± 0.39	0.99 ± 0.14
bn100118100	7.91E-07 ± 5.19E-08	1.74 ± 0.97	1.55 ± 0.36	1.31 ± 0.17
bn100122616	5.79E-06 ± 8.58E-08	11.05 ± 1.69	10.29 ± 0.91	9.45 ± 0.44
bn100126460	5.31E-07 ± 3.24E-08	2.38 ± 0.82	1.19 ± 0.41	0.74 ± 0.16
bn100130729	5.76E-06 ± 2.23E-08	4.16 ± 0.62	3.31 ± 0.29	2.71 ± 0.14
bn100130777	7.37E-06 ± 7.43E-08	2.16 ± 0.69	1.74 ± 0.40	1.28 ± 0.18
bn100131730	4.29E-06 ± 4.35E-08	19.51 ± 1.36	16.46 ± 0.64	12.00 ± 0.27
bn100201588	7.82E-06 ± 3.20E-08	2.37 ± 0.50	1.41 ± 0.21	0.97 ± 0.09
bn100204024	5.90E-06 ± 1.42E-08	2.72 ± 0.48	2.42 ± 0.22	1.78 ± 0.10
bn100204566	1.97E-06 ± 2.20E-08	2.46 ± 1.26	1.60 ± 0.48	1.13 ± 0.29
bn100204858	1.71E-07 ± 1.47E-08	2.00 ± 0.86	1.66 ± 0.33	0.71 ± 0.15
bn100205490	7.95E-07 ± 1.42E-08	1.58 ± 0.80	1.26 ± 0.40	0.85 ± 0.20
bn100206563	3.36E-07 ± 5.73E-09	12.82 ± 0.86	6.17 ± 0.30	1.55 ± 0.09
bn100207665	1.26E-06 ± 2.57E-08	1.77 ± 0.90	1.41 ± 0.45	0.92 ± 0.18
bn100207721	2.28E-07 ± 1.20E-08	0.74 ± 0.60	0.40 ± 0.29	0.28 ± 0.15
bn100208386	4.33E-08 ± 3.39E-09	1.20 ± 1.07	0.92 ± 0.60	0.23 ± 0.22
bn100210101	1.21E-06 ± 1.45E-08	1.74 ± 0.72	1.16 ± 0.37	0.96 ± 0.19

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100211440	7.80E-06 ± 7.88E-08	4.39 ± 1.32	3.46 ± 0.77	3.20 ± 0.37
bn100212550	1.52E-06 ± 3.59E-08	2.96 ± 0.72	2.75 ± 0.33	2.13 ± 0.16
bn100212588	2.44E-07 ± 8.43E-09	1.47 ± 0.48	1.23 ± 0.22	0.90 ± 0.10
bn100216422	1.50E-07 ± 8.42E-09	4.46 ± 0.76	2.68 ± 0.28	0.70 ± 0.11
bn100218194	1.55E-06 ± 6.08E-08	1.35 ± 0.51	0.67 ± 0.32	0.52 ± 0.15
bn100219026	1.74E-06 ± 3.10E-08	2.94 ± 1.08	1.51 ± 0.48	0.64 ± 0.22
bn100221368	1.05E-06 ± 1.56E-08	1.38 ± 0.67	1.11 ± 0.32	0.69 ± 0.16
bn100223110	3.09E-07 ± 3.39E-09	7.49 ± 0.87	4.58 ± 0.58	1.28 ± 0.20
bn100224112	5.77E-06 ± 1.87E-07	6.81 ± 1.06	6.22 ± 0.58	5.03 ± 0.29
bn100225115	3.06E-06 ± 4.85E-08	3.49 ± 0.61	2.70 ± 0.30	2.13 ± 0.15
bn100225249	3.25E-07 ± 3.31E-08	1.25 ± 0.61	0.69 ± 0.18	0.34 ± 0.09
bn100225580	3.45E-06 ± 6.07E-08	7.03 ± 0.82	6.29 ± 0.43	5.32 ± 0.20
bn100225703	8.14E-07 ± 2.25E-08	2.32 ± 0.60	2.02 ± 0.28	1.60 ± 0.14
bn100228544	1.46E-06 ± 2.68E-08	0.97 ± 0.73	0.55 ± 0.34	0.34 ± 0.16
bn100228873	3.43E-07 ± 8.98E-09	1.21 ± 0.74	0.75 ± 0.34	0.57 ± 0.17
bn100301068	1.41E-07 ± 6.60E-09	5.20 ± 1.05	2.24 ± 0.46	0.68 ± 0.20
bn100301223	1.38E-06 ± 3.31E-08	2.57 ± 0.80	1.86 ± 0.37	1.28 ± 0.19
bn100302061	9.51E-08 ± 1.05E-08	1.38 ± 0.39	0.87 ± 0.15	0.42 ± 0.07
bn100304004	3.13E-06 ± 8.27E-08	2.60 ± 1.31	1.60 ± 0.43	1.26 ± 0.27
bn100304534	2.65E-06 ± 8.94E-08	2.50 ± 1.10	2.08 ± 0.53	1.55 ± 0.27
bn100306199	3.26E-07 ± 1.37E-08	1.32 ± 0.40	0.81 ± 0.19	0.57 ± 0.09
bn100307928	7.13E-07 ± 1.22E-08	2.08 ± 0.71	1.35 ± 0.37	0.83 ± 0.18
bn100311518	1.43E-06 ± 5.40E-08	2.33 ± 0.84	1.44 ± 0.35	1.14 ± 0.16
bn100313288	2.77E-06 ± 3.41E-08	4.45 ± 0.72	3.66 ± 0.38	3.22 ± 0.21
bn100313509	1.30E-06 ± 2.23E-08	1.02 ± 0.38	0.74 ± 0.16	0.45 ± 0.06
bn100315361	1.36E-06 ± 2.42E-08	1.22 ± 0.40	0.67 ± 0.17	0.45 ± 0.08
bn100318611	9.50E-07 ± 1.13E-08	1.61 ± 0.82	0.82 ± 0.40	0.59 ± 0.20
bn100322045	3.12E-05 ± 3.01E-08	11.73 ± 0.90	10.20 ± 0.42	8.79 ± 0.21
bn100323542	1.07E-06 ± 7.14E-08	2.35 ± 0.93	1.61 ± 0.45	1.26 ± 0.22
bn100324172	1.95E-05 ± 9.77E-08	20.84 ± 1.26	19.50 ± 0.64	16.45 ± 0.30
bn100325246	5.74E-07 ± 8.43E-09	1.68 ± 0.77	1.40 ± 0.47	1.22 ± 0.24
bn100325275	2.11E-06 ± 2.76E-08	4.53 ± 0.63	3.51 ± 0.31	2.80 ± 0.14
bn100326294	2.43E-07 ± 3.56E-08	2.84 ± 0.51	2.13 ± 0.24	1.03 ± 0.11
bn100326402	7.07E-06 ± 6.51E-08	2.30 ± 0.56	1.66 ± 0.25	1.35 ± 0.11
bn100328141	3.72E-07 ± 1.15E-08	6.53 ± 0.62	5.53 ± 0.36	2.15 ± 0.14
bn100330309	2.44E-06 ± 2.82E-08	3.78 ± 0.50	3.16 ± 0.25	2.94 ± 0.12
bn100330856	3.07E-07 ± 6.52E-09	1.36 ± 0.67	0.83 ± 0.34	0.71 ± 0.17
bn100401297	9.64E-07 ± 1.52E-08	1.78 ± 0.38	1.73 ± 0.19	1.24 ± 0.08
bn100406758	7.23E-07 ± 2.24E-08	1.96 ± 0.71	1.44 ± 0.37	1.29 ± 0.18
bn100410356	4.55E-07 ± 2.07E-08	0.88 ± 0.34	0.81 ± 0.25	0.47 ± 0.09

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100410740	2.92E-06 ± 1.51E-07	5.20 ± 2.37	3.82 ± 1.44	2.67 ± 0.69
bn100411516	1.15E-07 ± 9.52E-09	3.37 ± 0.47	1.24 ± 0.19	0.62 ± 0.08
bn100413732	4.92E-06 ± 4.83E-08	1.90 ± 0.54	1.02 ± 0.18	0.73 ± 0.09
bn100414097	3.34E-05 ± 1.04E-07	14.51 ± 1.05	13.34 ± 0.52	10.98 ± 0.24
bn100417166	1.75E-07 ± 1.96E-09	4.22 ± 0.71	2.24 ± 0.35	0.59 ± 0.13
bn100417789	8.95E-07 ± 2.86E-08	1.64 ± 0.86	0.75 ± 0.41	0.62 ± 0.20
bn100420008	2.78E-06 ± 2.25E-08	3.80 ± 0.50	2.81 ± 0.23	2.45 ± 0.11
bn100421917	2.55E-06 ± 2.34E-08	2.29 ± 0.55	1.69 ± 0.24	1.25 ± 0.11
bn100423244	4.02E-06 ± 5.87E-08	2.59 ± 0.59	2.14 ± 0.32	1.89 ± 0.15
bn100424729	5.18E-06 ± 2.45E-08	2.48 ± 0.61	1.69 ± 0.22	1.19 ± 0.11
bn100424876	7.49E-06 ± 6.97E-08	3.18 ± 0.81	2.57 ± 0.37	2.08 ± 0.18
bn100427356	1.28E-06 ± 3.48E-08	2.85 ± 0.82	1.88 ± 0.39	1.30 ± 0.20
bn100429999	1.69E-06 ± 2.39E-08	2.10 ± 0.66	1.28 ± 0.34	0.94 ± 0.16
bn100502356	8.66E-06 ± 1.05E-07	3.36 ± 0.61	2.86 ± 0.37	2.48 ± 0.20
bn100503554	1.01E-05 ± 2.25E-08	5.75 ± 0.55	4.77 ± 0.28	3.00 ± 0.12
bn100504806	1.06E-06 ± 5.76E-08	0.96 ± 0.36	0.75 ± 0.15	0.56 ± 0.07
bn100506653	1.41E-06 ± 3.37E-08	1.97 ± 0.74	1.23 ± 0.38	0.94 ± 0.18
bn100507577	7.14E-06 ± 6.07E-08	2.77 ± 0.52	2.09 ± 0.24	1.82 ± 0.12
bn100510810	1.86E-06 ± 4.10E-08	2.81 ± 1.06	1.35 ± 0.52	1.07 ± 0.26
bn100511035	1.27E-05 ± 3.80E-08	11.89 ± 1.06	10.12 ± 0.51	6.40 ± 0.23
bn100513879	2.19E-06 ± 3.02E-08	3.65 ± 0.85	3.03 ± 0.42	2.52 ± 0.22
bn100515467	3.47E-06 ± 2.87E-08	8.65 ± 1.00	7.71 ± 0.48	6.68 ± 0.24
bn100516369	1.11E-07 ± 7.74E-09	3.14 ± 0.49	1.35 ± 0.17	0.53 ± 0.06
bn100516396	9.15E-08 ± 8.96E-09	1.75 ± 0.47	1.25 ± 0.25	0.50 ± 0.12
bn100517072	3.15E-06 ± 8.16E-09	3.97 ± 0.95	3.53 ± 0.47	3.13 ± 0.24
bn100517132	6.86E-07 ± 2.79E-08	1.50 ± 0.71	1.25 ± 0.29	0.92 ± 0.15
bn100517154	1.27E-06 ± 1.60E-08	6.97 ± 0.75	5.08 ± 0.34	3.10 ± 0.15
bn100517243	1.17E-06 ± 2.46E-08	1.45 ± 0.68	1.26 ± 0.47	1.02 ± 0.21
bn100517639	1.81E-06 ± 7.24E-08	5.18 ± 0.64	4.66 ± 0.31	3.17 ± 0.14
bn100519204	1.15E-05 ± 1.17E-07	2.88 ± 0.80	2.32 ± 0.29	2.15 ± 0.16
bn100522157	2.28E-06 ± 2.93E-08	8.91 ± 0.95	4.93 ± 0.47	3.87 ± 0.25
bn100525744	4.23E-07 ± 4.70E-08	5.60 ± 0.96	3.17 ± 0.44	1.31 ± 0.21
bn100527795	8.41E-06 ± 2.95E-08	4.52 ± 0.56	4.18 ± 0.27	3.52 ± 0.13
bn100528075	1.41E-05 ± 2.71E-08	7.37 ± 1.06	6.56 ± 0.52	6.22 ± 0.25
bn100530737	2.72E-07 ± 9.60E-09	1.40 ± 0.57	1.09 ± 0.36	0.81 ± 0.16
bn100604287	3.05E-06 ± 2.06E-08	3.45 ± 1.14	3.07 ± 0.55	2.85 ± 0.27
bn100605774	4.34E-07 ± 1.19E-08	1.08 ± 0.39	0.78 ± 0.13	0.51 ± 0.06
bn100608382	9.22E-07 ± 1.14E-08	1.62 ± 0.41	1.06 ± 0.19	0.87 ± 0.09
bn100609783	8.72E-06 ± 1.74E-08	2.63 ± 0.50	1.72 ± 0.24	1.40 ± 0.12
bn100612545	6.06E-07 ± 1.76E-08	5.27 ± 0.97	4.21 ± 0.46	2.62 ± 0.21

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100612726	8.58E-06 ± 2.07E-07	11.81 ± 1.13	11.34 ± 0.54	10.91 ± 0.28
bn100614498	8.92E-06 ± 1.41E-07	1.64 ± 0.80	1.14 ± 0.39	1.01 ± 0.18
bn100615083	4.86E-06 ± 4.43E-08	3.42 ± 0.82	3.07 ± 0.40	2.73 ± 0.20
bn100616773	1.37E-07 ± 8.66E-09	4.24 ± 1.34	2.53 ± 0.60	0.76 ± 0.26
bn100619015	5.95E-06 ± 4.05E-08	3.33 ± 1.02	2.52 ± 0.64	2.10 ± 0.32
bn100620119	2.39E-06 ± 4.26E-08	2.66 ± 0.86	1.86 ± 0.37	1.54 ± 0.20
bn100621452	4.46E-06 ± 1.50E-08	2.32 ± 0.44	1.63 ± 0.21	1.42 ± 0.10
bn100621529	8.33E-08 ± 2.51E-09	1.55 ± 0.64	0.71 ± 0.32	0.46 ± 0.14
bn100625773	2.43E-07 ± 1.29E-08	10.53 ± 1.72	7.68 ± 0.66	2.07 ± 0.19
bn100625891	7.99E-07 ± 8.42E-09	1.13 ± 0.32	0.70 ± 0.13	0.43 ± 0.06
bn100629801	7.43E-07 ± 5.60E-08	10.11 ± 1.80	8.55 ± 0.87	3.88 ± 0.39
bn100701490	8.52E-06 ± 2.41E-08	24.71 ± 1.93	15.06 ± 0.74	9.81 ± 0.31
bn100704149	5.20E-06 ± 3.05E-08	4.68 ± 0.68	4.08 ± 0.31	3.71 ± 0.15
bn100706693	6.55E-08 ± 3.48E-09	2.40 ± 0.69	1.26 ± 0.35	0.29 ± 0.17
bn100707032	4.36E-05 ± 7.80E-08	31.96 ± 1.72	31.24 ± 0.84	29.01 ± 0.42
bn100709602	5.00E-06 ± 4.61E-08	3.04 ± 1.06	2.10 ± 0.47	1.60 ± 0.22
bn100713980	9.13E-07 ± 9.28E-09	3.42 ± 0.62	2.29 ± 0.41	1.61 ± 0.11
bn100714672	1.78E-06 ± 5.30E-08	3.35 ± 1.00	1.91 ± 0.32	1.09 ± 0.16
bn100714686	8.34E-07 ± 2.03E-08	9.55 ± 1.09	7.62 ± 0.51	2.88 ± 0.18
bn100715477	1.44E-06 ± 7.47E-08	1.68 ± 0.61	1.09 ± 0.27	0.76 ± 0.14
bn100717372	2.32E-07 ± 1.27E-08	1.82 ± 0.44	1.37 ± 0.18	0.90 ± 0.08
bn100717446	1.78E-07 ± 7.70E-09	2.39 ± 0.45	1.42 ± 0.18	0.87 ± 0.07
bn100718160	1.59E-06 ± 2.53E-08	2.98 ± 0.48	2.70 ± 0.23	1.55 ± 0.09
bn100718796	1.40E-06 ± 2.17E-08	1.09 ± 0.36	0.72 ± 0.21	0.58 ± 0.08
bn100719311	2.07E-07 ± 1.97E-08	2.02 ± 0.44	1.30 ± 0.21	0.95 ± 0.10
bn100719825	1.50E-07 ± 1.35E-08	1.18 ± 0.54	0.59 ± 0.18	0.46 ± 0.08
bn100719989	2.66E-05 ± 3.67E-07	39.98 ± 2.31	36.56 ± 1.09	28.66 ± 0.50
bn100722096	4.33E-06 ± 2.14E-08	17.50 ± 0.90	15.19 ± 0.42	8.09 ± 0.16
bn100722291	6.28E-08 ± 1.22E-08	1.81 ± 0.51	1.07 ± 0.24	0.42 ± 0.11
bn100724029	9.65E-05 ± 2.75E-07	13.21 ± 0.79	12.05 ± 0.38	11.12 ± 0.18
bn100725475	2.18E-06 ± 1.03E-07	2.03 ± 1.33	1.19 ± 0.56	0.78 ± 0.29
bn100727238	5.63E-07 ± 1.33E-08	0.66 ± 0.25	0.56 ± 0.12	0.41 ± 0.06
bn100728095	6.20E-05 ± 3.14E-07	7.17 ± 0.54	6.10 ± 0.32	5.72 ± 0.17
bn100728439	1.95E-06 ± 3.36E-08	3.30 ± 0.52	2.92 ± 0.25	2.12 ± 0.12
bn100730463	3.88E-06 ± 9.37E-08	2.20 ± 0.67	1.43 ± 0.32	1.15 ± 0.15
bn100802240	6.67E-07 ± 1.75E-08	1.54 ± 0.43	1.08 ± 0.19	0.71 ± 0.09
bn100804104	7.00E-06 ± 1.02E-07	9.39 ± 1.11	8.65 ± 0.57	7.68 ± 0.29
bn100805300	1.11E-07 ± 4.10E-08	11.35 ± 1.78	2.99 ± 0.62	0.83 ± 0.26
bn100805845	6.01E-06 ± 8.89E-08	3.92 ± 0.69	3.72 ± 0.40	3.35 ± 0.20
bn100810049	1.92E-07 ± 2.63E-08	1.33 ± 0.46	0.89 ± 0.21	0.66 ± 0.09

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn100811108	5.83E-07 ± 9.09E-09	7.30 ± 0.69	6.00 ± 0.32	2.31 ± 0.10
bn100811781	2.57E-06 ± 4.43E-08	1.99 ± 0.48	1.70 ± 0.24	1.17 ± 0.11
bn100814160	9.85E-06 ± 5.57E-08	3.48 ± 0.60	2.82 ± 0.29	2.40 ± 0.14
bn100814351	2.50E-06 ± 2.09E-08	3.97 ± 0.61	3.60 ± 0.29	3.14 ± 0.14
bn100816009	1.48E-05 ± 1.32E-07	4.63 ± 1.35	3.02 ± 0.71	2.62 ± 0.36
bn100816026	2.50E-06 ± 3.39E-08	9.86 ± 1.08	8.56 ± 0.52	7.61 ± 0.25
bn100819498	1.81E-06 ± 5.48E-08	1.98 ± 0.71	1.37 ± 0.39	1.06 ± 0.18
bn100820373	1.65E-06 ± 2.88E-08	7.91 ± 0.57	6.30 ± 0.27	5.07 ± 0.12
bn100825287	5.81E-07 ± 1.50E-08	2.65 ± 0.63	2.11 ± 0.28	1.75 ± 0.13
bn100826957	7.76E-05 ± 5.47E-08	17.44 ± 0.99	15.11 ± 0.47	13.79 ± 0.23
bn100827455	3.26E-07 ± 1.21E-08	9.34 ± 0.82	4.39 ± 0.30	1.43 ± 0.09
bn100829374	3.93E-06 ± 2.53E-08	3.93 ± 0.57	3.21 ± 0.27	2.34 ± 0.12
bn100829876	9.07E-06 ± 4.09E-08	50.30 ± 2.08	39.31 ± 1.08	23.22 ± 0.45
bn100831651	1.64E-06 ± 6.52E-08	1.19 ± 0.42	1.20 ± 0.36	0.76 ± 0.10
bn100902990	1.13E-06 ± 2.46E-08	1.68 ± 0.47	0.94 ± 0.19	0.69 ± 0.08
bn100905907	1.11E-06 ± 1.08E-08	2.46 ± 0.61	1.23 ± 0.21	0.91 ± 0.09
bn100906576	1.27E-05 ± 3.21E-08	8.09 ± 0.80	7.53 ± 0.40	5.76 ± 0.18
bn100907751	4.34E-07 ± 3.39E-08	1.81 ± 0.48	1.55 ± 0.23	1.16 ± 0.11
bn100910818	7.92E-06 ± 2.51E-08	17.00 ± 0.78	15.81 ± 0.39	10.65 ± 0.16
bn100911816	4.37E-07 ± 1.70E-08	1.58 ± 0.35	1.11 ± 0.16	0.88 ± 0.08
bn100915243	2.48E-07 ± 1.49E-08	1.04 ± 0.36	0.66 ± 0.17	0.42 ± 0.09
bn100916779	9.24E-07 ± 7.88E-08	10.10 ± 1.33	7.89 ± 0.59	2.49 ± 0.21
bn100918863	5.92E-05 ± 6.32E-08	7.77 ± 0.87	7.11 ± 0.39	6.44 ± 0.19
bn100919884	3.30E-06 ± 4.64E-08	2.38 ± 0.56	1.83 ± 0.34	1.55 ± 0.16
bn100922625	2.18E-07 ± 6.81E-09	0.62 ± 0.25	0.47 ± 0.12	0.36 ± 0.06
bn100923844	2.04E-06 ± 3.00E-08	1.91 ± 0.56	1.56 ± 0.25	1.37 ± 0.13
bn100924165	1.73E-06 ± 1.90E-08	5.55 ± 0.59	4.49 ± 0.35	3.56 ± 0.18
bn100926595	3.77E-06 ± 8.65E-09	3.92 ± 0.75	3.63 ± 0.37	2.69 ± 0.16
bn100926694	7.67E-07 ± 1.68E-08	1.44 ± 0.39	0.68 ± 0.15	0.44 ± 0.06
bn100929235	3.14E-07 ± 1.09E-08	1.10 ± 0.30	0.60 ± 0.14	0.42 ± 0.06
bn100929315	2.00E-07 ± 1.01E-08	1.55 ± 0.48	0.83 ± 0.18	0.56 ± 0.08
bn100929916	2.92E-07 ± 1.22E-08	7.88 ± 1.08	3.91 ± 0.39	1.44 ± 0.13
bn101002279	2.52E-07 ± 1.89E-08	1.00 ± 0.41	0.52 ± 0.14	0.33 ± 0.07
bn101003244	8.30E-07 ± 1.78E-08	1.84 ± 0.48	1.65 ± 0.17	1.15 ± 0.09
bn101004426	4.77E-06 ± 5.82E-08	2.00 ± 0.50	1.17 ± 0.30	0.85 ± 0.11
bn101008697	7.34E-07 ± 2.40E-08	2.62 ± 0.56	1.65 ± 0.22	0.83 ± 0.08
bn101010190	9.31E-07 ± 3.76E-08	1.24 ± 0.42	0.95 ± 0.19	0.70 ± 0.08
bn101011707	1.45E-06 ± 4.63E-08	2.21 ± 0.70	1.23 ± 0.28	0.65 ± 0.13
bn101013412	3.48E-06 ± 4.28E-08	4.78 ± 0.90	3.86 ± 0.47	2.50 ± 0.21
bn101014175	1.05E-04 ± 2.22E-07	36.28 ± 1.51	35.35 ± 0.76	28.31 ± 0.35

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn101015558	1.53E-05 ± 7.14E-08	2.42 ± 0.48	1.78 ± 0.23	1.45 ± 0.11
bn101016243	1.36E-06 ± 8.41E-09	5.88 ± 0.52	5.79 ± 0.26	4.30 ± 0.12
bn101017619	9.95E-07 ± 9.88E-09	1.12 ± 0.33	0.61 ± 0.10	0.32 ± 0.05
bn101021009	1.10E-05 ± 2.43E-07	6.54 ± 2.28	4.42 ± 0.95	3.60 ± 0.48
bn101021063	1.91E-07 ± 1.11E-08	2.43 ± 0.47	1.29 ± 0.20	0.73 ± 0.08
bn101023951	3.30E-05 ± 3.09E-07	18.57 ± 1.93	17.83 ± 1.02	16.23 ± 0.51
bn101024486	1.92E-06 ± 8.22E-08	5.44 ± 1.16	3.71 ± 0.51	2.64 ± 0.24
bn101025146	1.52E-07 ± 8.50E-09	0.59 ± 0.21	0.44 ± 0.10	0.30 ± 0.05
bn101025267	1.87E-06 ± 2.26E-08	0.93 ± 0.58	0.86 ± 0.28	0.22 ± 0.07
bn101026034	3.28E-07 ± 1.18E-08	7.47 ± 1.02	5.37 ± 0.47	1.41 ± 0.13
bn101027230	6.80E-08 ± 3.94E-09	2.83 ± 0.60	1.42 ± 0.22	0.36 ± 0.07
bn101030664	2.69E-06 ± 2.10E-08	1.10 ± 0.43	0.70 ± 0.22	0.51 ± 0.07
bn101031625	1.51E-07 ± 1.57E-08	5.23 ± 0.74	3.28 ± 0.31	1.02 ± 0.10
bn101101744	1.90E-07 ± 1.36E-08	2.18 ± 0.51	1.52 ± 0.24	1.12 ± 0.10
bn101101899	1.44E-06 ± 1.26E-08	1.48 ± 0.44	0.74 ± 0.19	0.47 ± 0.08
bn101102840	9.29E-07 ± 1.86E-08	0.82 ± 0.21	0.43 ± 0.14	0.33 ± 0.05
bn101104810	4.21E-07 ± 1.18E-08	3.20 ± 0.71	1.46 ± 0.21	0.85 ± 0.08
bn101107011	3.51E-06 ± 1.23E-07	1.82 ± 1.22	1.14 ± 0.59	0.87 ± 0.27
bn101112924	1.39E-06 ± 4.18E-08	4.18 ± 0.75	3.52 ± 0.34	2.89 ± 0.16
bn101112984	4.49E-06 ± 5.13E-08	1.47 ± 0.44	1.10 ± 0.21	0.85 ± 0.11
bn101113483	1.62E-06 ± 1.61E-08	1.98 ± 0.42	1.61 ± 0.20	1.36 ± 0.10
bn101116481	1.55E-07 ± 3.62E-08	3.03 ± 0.67	2.00 ± 0.32	0.88 ± 0.14
bn101117496	4.87E-06 ± 4.11E-08	2.73 ± 0.60	1.49 ± 0.22	0.97 ± 0.09
bn101119685	8.61E-08 ± 8.83E-09	2.58 ± 0.70	1.29 ± 0.23	0.59 ± 0.09
bn101123952	5.27E-05 ± 2.91E-08	23.96 ± 1.27	22.20 ± 0.62	19.05 ± 0.29
bn101126198	1.63E-05 ± 7.76E-08	8.88 ± 0.97	8.40 ± 0.52	7.96 ± 0.25
bn101127093	3.75E-07 ± 9.95E-09	0.85 ± 0.41	0.45 ± 0.12	0.31 ± 0.06
bn101127102	1.71E-06 ± 1.56E-08	0.93 ± 0.40	0.63 ± 0.16	0.48 ± 0.07
bn101128322	4.89E-07 ± 8.75E-09	1.70 ± 0.39	1.13 ± 0.19	0.81 ± 0.09
bn101129652	3.91E-07 ± 2.96E-08	7.17 ± 0.73	5.28 ± 0.37	1.97 ± 0.13
bn101129726	5.78E-07 ± 1.19E-08	8.72 ± 0.67	6.75 ± 0.32	2.82 ± 0.11
bn101130074	1.69E-07 ± 2.69E-08	1.13 ± 0.47	0.69 ± 0.23	0.48 ± 0.11
bn101201418	1.21E-05 ± 4.58E-08	3.02 ± 0.48	2.46 ± 0.23	2.11 ± 0.10
bn101202154	6.98E-07 ± 3.25E-08	3.74 ± 0.92	1.50 ± 0.38	0.79 ± 0.16
bn101204343	1.17E-07 ± 6.78E-09	4.08 ± 0.63	2.11 ± 0.23	0.52 ± 0.06
bn101205309	2.17E-07 ± 2.03E-08	0.95 ± 0.41	0.50 ± 0.12	0.32 ± 0.06
bn101206036	3.12E-06 ± 4.36E-08	3.05 ± 0.94	2.36 ± 0.46	2.02 ± 0.22
bn101207536	3.77E-06 ± 3.59E-08	3.06 ± 0.49	2.67 ± 0.24	1.47 ± 0.11
bn101208203	1.08E-07 ± 8.92E-09	2.42 ± 0.75	2.16 ± 0.30	0.63 ± 0.09
bn101208498	2.22E-06 ± 2.82E-08	22.16 ± 1.16	19.96 ± 0.54	10.59 ± 0.21

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn101211485	9.08E-07 ± 2.38E-08	2.64 ± 0.58	1.44 ± 0.27	1.15 ± 0.13
bn101213451	4.07E-06 ± 5.53E-08	3.49 ± 0.86	2.90 ± 0.38	1.36 ± 0.13
bn101213849	6.71E-07 ± 8.80E-09	3.51 ± 0.49	2.54 ± 0.22	1.66 ± 0.10
bn101214748	1.57E-07 ± 1.67E-08	5.02 ± 0.76	2.90 ± 0.32	0.82 ± 0.10
bn101214993	5.83E-07 ± 2.17E-08	1.66 ± 0.39	1.35 ± 0.23	0.87 ± 0.07
bn101216721	1.88E-06 ± 3.86E-08	11.54 ± 0.85	11.15 ± 0.41	8.00 ± 0.18
bn101219686	2.49E-06 ± 3.06E-08	1.49 ± 0.35	0.90 ± 0.18	0.68 ± 0.08
bn101220576	5.68E-06 ± 5.51E-08	3.35 ± 0.87	1.84 ± 0.33	0.97 ± 0.12
bn101220864	2.94E-06 ± 5.57E-08	3.03 ± 0.75	2.71 ± 0.39	2.18 ± 0.20
bn101223834	1.30E-06 ± 2.45E-08	0.93 ± 0.29	0.69 ± 0.19	0.42 ± 0.08
bn101224227	1.06E-07 ± 1.59E-08	2.77 ± 0.44	1.99 ± 0.24	0.53 ± 0.08
bn101224578	1.97E-06 ± 1.08E-08	1.85 ± 0.38	1.39 ± 0.18	1.20 ± 0.08
bn101224614	1.32E-06 ± 3.44E-08	1.61 ± 0.46	1.12 ± 0.22	0.91 ± 0.11
bn101224998	8.73E-07 ± 1.63E-08	2.34 ± 0.65	1.28 ± 0.22	0.78 ± 0.09
bn101225377	1.14E-05 ± 1.60E-07	4.45 ± 0.63	3.80 ± 0.30	3.20 ± 0.14
bn101227195	1.93E-06 ± 4.95E-08	4.05 ± 0.86	1.75 ± 0.27	1.28 ± 0.13
bn101227406	7.96E-06 ± 5.44E-08	4.37 ± 0.59	3.70 ± 0.28	3.12 ± 0.13
bn101227536	2.56E-06 ± 1.86E-08	4.35 ± 0.63	3.37 ± 0.27	2.07 ± 0.11
bn101231067	9.86E-06 ± 6.17E-08	9.84 ± 0.93	8.81 ± 0.43	6.15 ± 0.20
bn110101202	1.45E-07 ± 1.44E-08	1.38 ± 0.43	0.89 ± 0.15	0.48 ± 0.06
bn110101506	3.53E-06 ± 4.06E-08	1.60 ± 0.45	0.86 ± 0.25	0.45 ± 0.09
bn110102788	1.95E-05 ± 1.15E-07	8.61 ± 0.65	7.66 ± 0.34	6.07 ± 0.15
bn110105877	1.25E-05 ± 6.29E-08	4.94 ± 0.70	4.31 ± 0.32	3.29 ± 0.14
bn110106893	1.96E-06 ± 2.98E-08	1.52 ± 0.50	1.09 ± 0.24	0.82 ± 0.11
bn110107886	7.07E-06 ± 6.68E-08	1.62 ± 0.42	1.50 ± 0.21	1.03 ± 0.08
bn110108977	1.36E-06 ± 2.98E-08	1.06 ± 0.59	0.69 ± 0.16	0.45 ± 0.08
bn110112934	1.84E-07 ± 1.47E-08	4.85 ± 0.69	2.75 ± 0.30	0.86 ± 0.09
bn110117364	1.68E-06 ± 9.30E-08	2.15 ± 0.77	1.47 ± 0.37	0.80 ± 0.17
bn110117626	1.29E-06 ± 9.45E-09	2.43 ± 0.60	1.57 ± 0.23	0.84 ± 0.08
bn110118857	1.60E-06 ± 2.31E-08	3.62 ± 0.49	3.24 ± 0.24	2.71 ± 0.11
bn110119931	5.76E-06 ± 2.54E-08	2.84 ± 0.55	2.33 ± 0.24	1.29 ± 0.09
bn110120666	7.20E-06 ± 2.42E-08	9.69 ± 0.95	7.68 ± 0.42	6.72 ± 0.21
bn110123804	1.13E-05 ± 4.09E-08	5.42 ± 0.56	4.93 ± 0.28	4.53 ± 0.14
bn110124784	8.73E-08 ± 7.35E-09	0.89 ± 0.29	0.38 ± 0.12	0.25 ± 0.05
bn110125894	3.90E-07 ± 1.71E-08	1.33 ± 0.46	1.07 ± 0.15	0.90 ± 0.08
bn110128073	7.76E-07 ± 5.63E-08	1.41 ± 0.42	0.85 ± 0.19	0.68 ± 0.09
bn110130230	1.54E-06 ± 2.14E-08	1.23 ± 0.35	0.78 ± 0.18	0.48 ± 0.06
bn110131780	3.80E-08 ± 9.09E-09	2.17 ± 0.55	1.24 ± 0.20	0.41 ± 0.08
bn110201399	1.69E-06 ± 8.78E-08	3.28 ± 0.91	1.96 ± 0.44	1.53 ± 0.20
bn110204179	1.91E-06 ± 3.68E-08	2.34 ± 0.61	1.82 ± 0.27	1.10 ± 0.10

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110205027	3.01E-07 ± 4.02E-08	2.56 ± 0.71	1.69 ± 0.32	1.14 ± 0.15
bn110205588	2.20E-06 ± 3.78E-08	1.81 ± 0.84	1.10 ± 0.29	0.72 ± 0.14
bn110206202	4.49E-07 ± 2.20E-08	1.94 ± 0.60	1.35 ± 0.29	0.94 ± 0.14
bn110207470	1.40E-06 ± 2.05E-08	4.78 ± 0.64	2.61 ± 0.27	0.76 ± 0.08
bn110207959	1.90E-07 ± 2.88E-08	0.91 ± 0.32	0.74 ± 0.15	0.50 ± 0.08
bn110209165	4.26E-07 ± 1.96E-08	1.61 ± 0.59	1.24 ± 0.26	0.85 ± 0.11
bn110212550	2.13E-07 ± 6.23E-09	9.43 ± 0.75	4.40 ± 0.27	1.15 ± 0.08
bn110213220	4.72E-06 ± 2.73E-08	6.49 ± 0.85	5.40 ± 0.40	4.75 ± 0.19
bn110213876	6.94E-08 ± 9.94E-09	1.75 ± 0.52	1.01 ± 0.19	0.39 ± 0.07
bn110217591	7.78E-07 ± 2.31E-08	0.82 ± 0.32	0.62 ± 0.12	0.30 ± 0.05
bn110220761	1.20E-06 ± 1.39E-08	1.93 ± 0.39	1.44 ± 0.18	1.17 ± 0.08
bn110221244	1.38E-06 ± 1.90E-08	2.15 ± 0.48	1.76 ± 0.22	1.44 ± 0.10
bn110226989	1.06E-06 ± 1.23E-08	1.37 ± 0.46	0.93 ± 0.17	0.69 ± 0.08
bn110227009	9.59E-08 ± 5.82E-09	1.87 ± 0.49	0.96 ± 0.16	0.50 ± 0.06
bn110227229	1.10E-06 ± 1.40E-08	2.16 ± 0.53	1.32 ± 0.24	1.03 ± 0.11
bn110227420	1.34E-06 ± 4.52E-08	1.74 ± 0.49	1.33 ± 0.21	1.13 ± 0.10
bn110228011	2.77E-06 ± 2.89E-08	3.16 ± 0.73	2.20 ± 0.31	1.59 ± 0.13
bn110228792	5.42E-07 ± 1.15E-08	0.81 ± 0.26	0.50 ± 0.10	0.28 ± 0.05
bn110301214	2.19E-05 ± 1.65E-08	48.69 ± 1.72	44.78 ± 0.83	35.76 ± 0.38
bn110302043	1.67E-06 ± 2.74E-08	1.94 ± 0.48	1.65 ± 0.23	1.30 ± 0.11
bn110304071	2.21E-06 ± 5.13E-08	3.96 ± 0.70	2.94 ± 0.32	2.45 ± 0.15
bn110307972	3.00E-07 ± 2.44E-08	3.06 ± 0.51	2.57 ± 0.24	1.16 ± 0.10
bn110311812	5.31E-07 ± 1.74E-08	2.14 ± 0.53	1.03 ± 0.19	0.78 ± 0.09
bn110316139	6.44E-08 ± 1.84E-08	1.83 ± 0.33	1.02 ± 0.13	0.37 ± 0.06
bn110318552	4.89E-06 ± 4.69E-08	7.33 ± 0.59	6.10 ± 0.29	5.21 ± 0.14
bn110319628	9.15E-07 ± 2.02E-08	1.32 ± 0.49	0.88 ± 0.21	0.60 ± 0.09
bn110319815	1.39E-06 ± 4.66E-08	2.44 ± 0.81	1.11 ± 0.23	0.94 ± 0.13
bn110321346	6.12E-07 ± 2.39E-08	0.67 ± 0.34	0.47 ± 0.09	0.35 ± 0.05
bn110322558	1.98E-06 ± 1.93E-08	2.24 ± 0.45	1.37 ± 0.18	0.78 ± 0.07
bn110328520	1.01E-05 ± 5.68E-08	4.38 ± 0.63	3.92 ± 0.30	3.42 ± 0.14
bn110331604	1.40E-07 ± 1.51E-08	0.92 ± 0.33	0.68 ± 0.12	0.52 ± 0.06
bn110401920	4.61E-07 ± 1.46E-08	6.90 ± 0.81	3.64 ± 0.28	1.64 ± 0.11
bn110402009	3.87E-06 ± 5.94E-08	11.90 ± 1.51	6.67 ± 0.46	3.33 ± 0.20
bn110407998	1.07E-05 ± 9.97E-09	11.04 ± 0.79	10.21 ± 0.38	8.90 ± 0.18
bn110409179	1.55E-07 ± 6.87E-09	6.71 ± 0.61	2.95 ± 0.23	0.70 ± 0.07
bn110410133	3.61E-06 ± 1.00E-08	1.68 ± 0.42	1.41 ± 0.20	0.94 ± 0.08
bn110410772	5.04E-07 ± 1.20E-08	1.81 ± 0.49	1.33 ± 0.22	0.82 ± 0.08
bn110411629	2.03E-06 ± 3.89E-08	3.15 ± 0.83	1.77 ± 0.33	1.19 ± 0.13
bn110412315	1.48E-06 ± 1.59E-08	1.68 ± 0.35	1.03 ± 0.16	0.80 ± 0.08
bn110413938	6.10E-07 ± 1.73E-08	1.04 ± 0.38	0.57 ± 0.12	0.28 ± 0.05

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110415541	2.67E-06 ± 2.79E-08	3.15 ± 0.68	2.55 ± 0.30	2.31 ± 0.15
bn110420946	1.06E-07 ± 1.35E-08	6.72 ± 1.09	2.26 ± 0.32	0.58 ± 0.10
bn110421757	5.49E-06 ± 4.00E-08	3.18 ± 0.48	3.00 ± 0.24	2.57 ± 0.11
bn110422029	5.69E-08 ± 1.05E-08	2.76 ± 0.41	1.36 ± 0.16	0.53 ± 0.06
bn110424758	2.59E-08 ± 5.02E-09	2.77 ± 0.55	1.14 ± 0.19	0.27 ± 0.08
bn110426629	1.38E-05 ± 5.06E-08	2.18 ± 0.56	1.68 ± 0.27	1.25 ± 0.12
bn110428338	6.84E-06 ± 3.33E-08	4.55 ± 0.59	4.03 ± 0.28	3.26 ± 0.13
bn110428388	1.41E-05 ± 8.13E-08	18.61 ± 0.92	17.42 ± 0.41	15.43 ± 0.20
bn110430375	3.54E-06 ± 2.03E-08	2.16 ± 0.45	1.63 ± 0.19	1.55 ± 0.10
bn110503145	8.88E-07 ± 2.07E-08	2.53 ± 0.47	1.83 ± 0.20	1.34 ± 0.08
bn110505203	1.01E-06 ± 3.38E-08	3.43 ± 0.51	3.07 ± 0.25	2.66 ± 0.12
bn110509142	2.14E-06 ± 2.19E-08	1.31 ± 0.50	0.92 ± 0.21	0.59 ± 0.08
bn110509475	2.39E-07 ± 7.65E-09	4.99 ± 0.55	3.26 ± 0.23	1.24 ± 0.08
bn110511616	2.57E-07 ± 2.34E-08	0.82 ± 0.41	0.65 ± 0.13	0.51 ± 0.07
bn110517453	5.30E-08 ± 1.27E-08	3.03 ± 0.57	1.51 ± 0.21	0.44 ± 0.07
bn110517573	5.82E-06 ± 2.02E-08	5.53 ± 0.61	4.77 ± 0.31	3.65 ± 0.14
bn110517902	5.82E-06 ± 2.02E-08	5.53 ± 0.61	4.77 ± 0.31	3.65 ± 0.14
bn110520302	5.76E-07 ± 2.68E-08	1.33 ± 0.63	0.84 ± 0.19	0.72 ± 0.10
bn110521478	1.71E-06 ± 3.95E-08	8.26 ± 1.24	6.60 ± 0.58	5.27 ± 0.26
bn110522256	1.19E-06 ± 1.73E-08	1.37 ± 0.40	0.61 ± 0.17	0.46 ± 0.06
bn110522296	6.36E-07 ± 1.90E-08	1.38 ± 0.42	0.99 ± 0.18	0.80 ± 0.09
bn110522633	1.22E-06 ± 1.21E-08	3.42 ± 0.54	2.55 ± 0.27	1.95 ± 0.11
bn110523344	1.30E-06 ± 2.45E-08	3.34 ± 0.59	2.18 ± 0.26	1.70 ± 0.12
bn110526715	2.69E-07 ± 4.94E-09	6.42 ± 0.89	5.00 ± 0.40	2.11 ± 0.13
bn110528624	2.67E-06 ± 3.18E-08	1.58 ± 0.45	0.96 ± 0.17	0.55 ± 0.07
bn110529034	7.96E-07 ± 8.35E-09	22.46 ± 0.98	11.88 ± 0.41	4.02 ± 0.13
bn110529262	3.69E-06 ± 2.38E-08	7.32 ± 0.71	7.08 ± 0.36	4.18 ± 0.15
bn110529811	1.95E-06 ± 1.61E-08	1.58 ± 0.41	1.12 ± 0.18	0.68 ± 0.06
bn110531448	1.12E-06 ± 1.37E-08	1.03 ± 0.37	0.72 ± 0.16	0.56 ± 0.07
bn110601681	5.02E-06 ± 6.65E-08	2.89 ± 0.41	2.02 ± 0.21	1.79 ± 0.09
bn110605183	1.16E-05 ± 3.17E-08	5.25 ± 0.69	4.75 ± 0.36	4.31 ± 0.17
bn110605780	3.16E-07 ± 1.16E-08	2.07 ± 0.40	1.26 ± 0.17	0.92 ± 0.08
bn110609185	2.70E-07 ± 1.91E-08	0.98 ± 0.44	0.73 ± 0.14	0.49 ± 0.07
bn110609425	1.19E-06 ± 2.28E-08	1.41 ± 0.34	0.92 ± 0.18	0.64 ± 0.07
bn110610640	4.74E-06 ± 3.35E-08	3.77 ± 0.53	3.10 ± 0.25	2.42 ± 0.11
bn110613631	1.78E-06 ± 2.03E-08	1.21 ± 0.40	0.64 ± 0.14	0.49 ± 0.06
bn110616648	5.88E-07 ± 2.54E-08	1.19 ± 0.62	0.76 ± 0.20	0.51 ± 0.09
bn110618366	3.37E-05 ± 8.90E-08	5.21 ± 1.13	4.30 ± 0.48	3.06 ± 0.21
bn110618760	5.64E-06 ± 2.62E-08	2.66 ± 0.54	1.89 ± 0.23	1.19 ± 0.09
bn110622158	3.09E-05 ± 8.10E-08	8.14 ± 0.70	7.15 ± 0.33	6.79 ± 0.17

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110624906	1.43E-07 ± 1.38E-08	0.91 ± 0.34	0.66 ± 0.14	0.43 ± 0.06
bn110625579	2.10E-06 ± 1.89E-08	1.80 ± 0.49	1.25 ± 0.21	1.01 ± 0.10
bn110625881	3.91E-05 ± 5.02E-08	39.77 ± 1.55	38.93 ± 0.75	35.88 ± 0.36
bn110626448	5.74E-07 ± 1.61E-08	2.15 ± 0.48	1.61 ± 0.21	1.38 ± 0.11
bn110629174	1.29E-06 ± 1.30E-08	4.77 ± 0.67	4.11 ± 0.31	2.15 ± 0.11
bn110702187	4.37E-06 ± 7.06E-08	3.22 ± 0.70	2.81 ± 0.34	2.28 ± 0.16
bn110703557	5.60E-07 ± 1.09E-08	2.89 ± 0.44	2.23 ± 0.20	1.70 ± 0.09
bn110705151	7.49E-07 ± 1.18E-08	18.25 ± 1.32	12.74 ± 0.58	3.39 ± 0.15
bn110705364	4.98E-06 ± 5.08E-08	4.02 ± 0.51	3.36 ± 0.24	2.86 ± 0.11
bn110706202	2.09E-06 ± 5.60E-08	2.39 ± 0.38	1.84 ± 0.19	1.37 ± 0.10
bn110706477	4.06E-06 ± 4.06E-08	2.14 ± 0.46	1.93 ± 0.21	1.11 ± 0.08
bn110706728	1.39E-06 ± 4.39E-08	3.30 ± 0.60	2.84 ± 0.25	1.81 ± 0.10
bn110706977	3.06E-06 ± 2.46E-08	2.95 ± 0.57	2.25 ± 0.28	1.88 ± 0.12
bn110709463	4.01E-06 ± 2.41E-08	8.04 ± 0.80	7.37 ± 0.39	6.06 ± 0.18
bn110709642	1.92E-05 ± 3.20E-08	8.18 ± 0.85	7.19 ± 0.44	6.05 ± 0.21
bn110709862	4.29E-07 ± 1.35E-08	2.22 ± 0.53	1.27 ± 0.22	0.91 ± 0.10
bn110710954	4.87E-06 ± 2.18E-08	9.46 ± 0.89	7.33 ± 0.41	3.83 ± 0.17
bn110716018	8.14E-07 ± 1.98E-08	7.22 ± 0.83	5.41 ± 0.38	2.23 ± 0.14
bn110717180	1.43E-07 ± 5.96E-09	10.95 ± 1.08	3.32 ± 0.34	0.84 ± 0.13
bn110717319	2.15E-05 ± 2.86E-08	10.01 ± 0.89	8.86 ± 0.43	7.61 ± 0.20
bn110720177	3.27E-06 ± 1.53E-08	3.42 ± 0.49	2.64 ± 0.22	2.36 ± 0.10
bn110721200	1.53E-05 ± 2.09E-08	16.99 ± 0.84	15.78 ± 0.42	14.10 ± 0.20
bn110722694	1.15E-05 ± 5.96E-08	3.19 ± 0.64	2.81 ± 0.28	2.53 ± 0.13
bn110722710	9.83E-07 ± 3.18E-08	2.28 ± 0.55	1.31 ± 0.24	0.90 ± 0.09
bn110725236	7.59E-07 ± 1.33E-08	2.43 ± 0.46	1.90 ± 0.22	1.28 ± 0.09
bn110726211	2.53E-06 ± 5.23E-08	2.56 ± 0.53	1.84 ± 0.23	1.26 ± 0.09
bn110728056	1.69E-07 ± 2.82E-08	2.65 ± 0.48	1.71 ± 0.21	1.05 ± 0.10
bn110729142	2.54E-05 ± 2.63E-08	4.59 ± 0.62	4.15 ± 0.32	3.58 ± 0.15
bn110730008	6.49E-07 ± 1.86E-08	1.18 ± 0.37	0.97 ± 0.17	0.53 ± 0.07
bn110730660	4.00E-06 ± 4.83E-08	3.48 ± 0.79	2.85 ± 0.35	2.30 ± 0.16
bn110731465	1.09E-05 ± 2.90E-08	12.25 ± 0.95	10.36 ± 0.45	8.35 ± 0.21
bn110801335	2.17E-07 ± 2.02E-08	6.10 ± 1.21	4.33 ± 0.50	1.46 ± 0.15
bn110803783	1.61E-06 ± 2.80E-08	0.93 ± 0.32	0.73 ± 0.13	0.56 ± 0.06
bn110806934	3.80E-06 ± 1.43E-08	2.45 ± 0.38	2.16 ± 0.19	1.76 ± 0.09
bn110809461	2.37E-06 ± 5.41E-08	4.18 ± 0.73	3.12 ± 0.30	2.22 ± 0.14
bn110812899	6.15E-07 ± 1.25E-08	1.55 ± 0.44	1.26 ± 0.20	1.06 ± 0.08
bn110813237	2.59E-06 ± 2.11E-08	3.88 ± 0.55	3.11 ± 0.24	2.65 ± 0.12
bn110817191	6.98E-06 ± 2.12E-08	14.41 ± 0.85	13.17 ± 0.42	12.87 ± 0.21
bn110818860	2.78E-06 ± 1.67E-08	1.85 ± 0.41	1.21 ± 0.17	0.74 ± 0.08
bn110819665	1.77E-06 ± 4.43E-08	9.00 ± 1.68	7.66 ± 0.79	5.09 ± 0.33

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn110820476	4.42E-07 ± 2.36E-08	1.11 ± 0.40	0.91 ± 0.18	0.74 ± 0.09
bn110824009	6.16E-06 ± 8.35E-08	14.13 ± 0.85	11.32 ± 0.43	7.31 ± 0.16
bn110825102	2.46E-05 ± 3.93E-08	36.30 ± 1.30	30.62 ± 0.58	25.08 ± 0.26
bn110825265	1.18E-06 ± 1.31E-08	1.21 ± 0.32	0.91 ± 0.17	0.70 ± 0.08
bn110828575	1.39E-06 ± 2.09E-08	1.71 ± 0.49	0.94 ± 0.17	0.66 ± 0.07
bn110831282	2.75E-06 ± 1.89E-08	2.54 ± 0.50	1.83 ± 0.22	1.43 ± 0.11
bn110901230	7.16E-07 ± 2.94E-08	0.93 ± 0.39	0.76 ± 0.15	0.54 ± 0.08
bn110903009	5.04E-06 ± 2.30E-08	7.96 ± 0.90	6.24 ± 0.42	4.75 ± 0.19
bn110903111	1.89E-05 ± 4.20E-08	3.85 ± 0.58	3.27 ± 0.27	2.57 ± 0.12
bn110904124	6.26E-06 ± 3.69E-08	4.20 ± 0.65	3.15 ± 0.29	2.40 ± 0.13
bn110904163	1.86E-06 ± 1.33E-08	2.27 ± 0.42	1.81 ± 0.19	1.25 ± 0.09
bn110904531	1.14E-06 ± 2.79E-08	2.13 ± 0.50	1.55 ± 0.24	1.18 ± 0.11
bn110906302	2.41E-06 ± 2.15E-08	3.37 ± 0.57	2.47 ± 0.27	2.14 ± 0.13
bn110909116	4.65E-06 ± 1.10E-07	12.33 ± 2.60	11.15 ± 1.43	8.61 ± 0.74
bn110911071	2.88E-07 ± 3.30E-08	2.37 ± 0.82	1.41 ± 0.39	0.84 ± 0.17
bn110916016	2.17E-07 ± 3.27E-08	1.65 ± 0.46	1.27 ± 0.21	0.81 ± 0.09
bn110919634	1.42E-05 ± 9.80E-08	6.53 ± 0.84	5.84 ± 0.35	5.20 ± 0.17
bn110920338	1.57E-06 ± 1.14E-08	4.12 ± 0.64	2.94 ± 0.27	1.82 ± 0.11
bn110920546	9.07E-05 ± 1.23E-07	9.25 ± 0.86	8.22 ± 0.43	7.73 ± 0.22
bn110921444	3.48E-06 ± 7.41E-08	1.38 ± 0.40	0.95 ± 0.16	0.68 ± 0.07
bn110921577	1.89E-06 ± 2.37E-08	1.72 ± 0.51	1.21 ± 0.25	0.90 ± 0.12
bn110921912	1.46E-05 ± 4.16E-08	19.41 ± 1.21	16.92 ± 0.55	14.72 ± 0.28
bn110923481	6.60E-08 ± 5.36E-09	0.81 ± 0.22	0.60 ± 0.11	0.34 ± 0.05
bn110923835	2.20E-06 ± 4.27E-08	2.37 ± 0.49	1.67 ± 0.22	1.18 ± 0.09
bn110926107	6.42E-06 ± 3.83E-08	3.89 ± 0.60	2.60 ± 0.26	2.18 ± 0.12
bn110928180	8.23E-06 ± 4.71E-08	3.70 ± 0.55	3.01 ± 0.25	2.37 ± 0.11
bn110929187	1.35E-06 ± 1.08E-08	3.67 ± 0.54	2.97 ± 0.26	2.79 ± 0.13
bn110930564	3.38E-06 ± 6.82E-08	2.50 ± 0.66	1.28 ± 0.29	1.10 ± 0.14
bn111001804	6.26E-08 ± 6.73E-09	2.02 ± 0.46	1.45 ± 0.19	0.42 ± 0.08
bn111003465	1.21E-05 ± 3.28E-08	10.96 ± 0.70	10.71 ± 0.36	9.40 ± 0.17
bn111005398	1.17E-06 ± 1.66E-08	1.35 ± 0.36	0.78 ± 0.16	0.48 ± 0.06
bn111008992	1.65E-06 ± 1.45E-08	0.96 ± 0.33	0.66 ± 0.14	0.45 ± 0.06
bn111009282	8.92E-06 ± 5.65E-08	8.57 ± 0.81	7.23 ± 0.38	6.26 ± 0.18
bn111010237	4.99E-06 ± 6.75E-08	1.78 ± 0.49	1.02 ± 0.20	0.79 ± 0.10
bn111010660	4.80E-07 ± 1.85E-08	1.61 ± 0.44	1.30 ± 0.19	0.98 ± 0.09
bn111010709	6.48E-06 ± 2.69E-08	3.02 ± 0.48	1.85 ± 0.23	1.57 ± 0.10
bn111010899	5.89E-07 ± 3.06E-08	1.47 ± 0.43	1.06 ± 0.20	0.76 ± 0.10
bn111011094	2.32E-07 ± 1.04E-08	8.61 ± 0.69	4.07 ± 0.24	1.11 ± 0.07
bn111012456	1.01E-05 ± 4.23E-08	6.83 ± 0.95	6.45 ± 0.47	5.37 ± 0.22
bn111012811	2.08E-06 ± 1.74E-08	12.76 ± 0.77	11.35 ± 0.37	7.13 ± 0.15

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn111015427	1.32E-05 ± 2.09E-07	5.80 ± 0.91	4.89 ± 0.41	4.24 ± 0.19
bn111017657	9.23E-06 ± 2.95E-08	9.41 ± 0.72	8.56 ± 0.33	8.00 ± 0.16
bn111018595	6.84E-07 ± 3.08E-08	1.88 ± 0.45	1.40 ± 0.23	1.17 ± 0.11
bn111018785	9.38E-07 ± 1.79E-08	1.25 ± 0.48	0.88 ± 0.21	0.61 ± 0.11
bn111022854	9.90E-08 ± 7.40E-09	3.78 ± 0.54	2.29 ± 0.23	0.62 ± 0.08
bn111024722	8.05E-06 ± 3.84E-08	6.13 ± 0.66	5.70 ± 0.34	4.02 ± 0.15
bn111024896	1.41E-07 ± 8.48E-09	3.50 ± 0.74	1.95 ± 0.27	0.67 ± 0.09
bn111025078	1.58E-06 ± 1.63E-08	1.81 ± 0.58	0.76 ± 0.18	0.51 ± 0.07
bn111103441	1.92E-06 ± 3.76E-08	3.86 ± 0.61	3.26 ± 0.30	2.37 ± 0.13
bn111103948	1.69E-07 ± 2.79E-08	4.32 ± 0.62	3.27 ± 0.28	1.28 ± 0.12
bn111105457	1.12E-06 ± 2.19E-08	1.62 ± 0.48	0.96 ± 0.22	0.65 ± 0.09
bn111107035	5.00E-07 ± 1.98E-08	1.28 ± 0.57	0.97 ± 0.24	0.56 ± 0.09
bn111107076	5.68E-06 ± 3.28E-08	2.30 ± 0.44	1.72 ± 0.21	1.49 ± 0.10
bn111109453	1.75E-07 ± 1.75E-08	0.95 ± 0.45	0.65 ± 0.15	0.46 ± 0.06
bn111109873	4.28E-06 ± 3.48E-07	8.81 ± 2.49	6.22 ± 1.07	4.41 ± 0.50
bn111112908	3.46E-07 ± 4.63E-09	7.94 ± 0.69	6.21 ± 0.30	1.76 ± 0.10
bn111113410	1.55E-06 ± 3.83E-08	2.90 ± 0.45	2.64 ± 0.22	2.15 ± 0.11
bn111114233	6.04E-07 ± 1.42E-08	1.24 ± 0.30	1.07 ± 0.16	0.74 ± 0.07
bn111117510	2.21E-07 ± 6.56E-09	6.24 ± 0.71	2.52 ± 0.23	1.24 ± 0.09
bn111117526	7.89E-07 ± 1.39E-08	1.49 ± 0.41	0.61 ± 0.13	0.31 ± 0.05
bn111120556	3.19E-06 ± 3.85E-08	2.06 ± 0.48	1.72 ± 0.23	1.37 ± 0.11
bn111124308	3.43E-07 ± 1.20E-08	0.96 ± 0.31	0.50 ± 0.13	0.39 ± 0.06
bn111127810	4.31E-06 ± 4.30E-08	5.66 ± 0.76	5.29 ± 0.36	4.69 ± 0.17
bn111201599	9.39E-07 ± 3.78E-08	1.51 ± 0.40	0.90 ± 0.19	0.55 ± 0.08
bn111203054	2.61E-06 ± 2.22E-08	3.84 ± 0.54	3.00 ± 0.24	2.38 ± 0.11
bn111203609	3.64E-07 ± 2.37E-08	1.50 ± 0.39	0.73 ± 0.17	0.54 ± 0.08
bn111207512	1.16E-07 ± 1.20E-08	1.90 ± 0.45	0.89 ± 0.19	0.55 ± 0.09
bn111208353	2.06E-06 ± 2.49E-08	1.40 ± 0.42	0.97 ± 0.19	0.79 ± 0.09
bn111216389	2.51E-05 ± 3.31E-08	9.20 ± 1.01	6.92 ± 0.47	5.15 ± 0.21
bn111220486	2.83E-05 ± 1.41E-07	19.40 ± 1.02	16.83 ± 0.47	12.34 ± 0.20
bn111221739	1.10E-06 ± 3.01E-08	10.64 ± 1.35	9.36 ± 0.63	4.22 ± 0.20
bn111222619	1.75E-06 ± 1.07E-08	31.76 ± 2.15	23.33 ± 0.97	7.27 ± 0.29
bn111226795	7.20E-06 ± 7.12E-08	2.24 ± 0.40	1.93 ± 0.18	1.51 ± 0.09
bn111228453	9.17E-07 ± 2.51E-08	4.10 ± 0.52	3.73 ± 0.25	3.26 ± 0.12
bn111228657	7.45E-06 ± 3.10E-08	7.30 ± 0.68	6.37 ± 0.32	4.88 ± 0.15
bn111230683	1.47E-06 ± 2.68E-08	2.98 ± 0.86	2.10 ± 0.34	1.32 ± 0.14
bn111230819	2.18E-06 ± 2.36E-08	4.10 ± 0.57	3.58 ± 0.26	2.46 ± 0.12
bn111231622	5.85E-07 ± 5.09E-08	2.84 ± 1.25	1.72 ± 0.48	0.80 ± 0.21
bn120101354	8.76E-08 ± 7.66E-09	4.61 ± 0.54	2.11 ± 0.22	0.55 ± 0.09
bn120102095	6.77E-06 ± 2.32E-08	9.18 ± 0.87	8.49 ± 0.39	7.74 ± 0.19

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120102416	1.46E-06 ± 3.09E-08	2.33 ± 0.52	1.48 ± 0.22	1.28 ± 0.09
bn120105584	7.70E-07 ± 1.55E-08	1.42 ± 0.36	1.06 ± 0.18	0.65 ± 0.08
bn120107384	3.90E-06 ± 2.50E-08	4.20 ± 0.55	3.51 ± 0.25	2.74 ± 0.11
bn120109824	1.01E-06 ± 2.55E-08	1.68 ± 0.72	0.81 ± 0.25	0.57 ± 0.11
bn120111051	2.36E-06 ± 3.08E-08	1.60 ± 0.49	0.84 ± 0.17	0.53 ± 0.08
bn120114433	8.65E-08 ± 1.63E-08	1.56 ± 0.41	0.64 ± 0.15	0.36 ± 0.06
bn120114681	1.30E-06 ± 2.12E-08	1.47 ± 0.46	1.01 ± 0.22	0.58 ± 0.08
bn120117291	6.67E-08 ± 9.50E-09	1.12 ± 0.37	0.53 ± 0.16	0.30 ± 0.06
bn120118709	1.27E-06 ± 2.37E-08	1.65 ± 0.53	0.90 ± 0.23	0.72 ± 0.10
bn120118898	8.87E-07 ± 1.87E-08	7.40 ± 0.72	6.63 ± 0.32	2.98 ± 0.12
bn120119170	2.22E-05 ± 7.25E-08	8.75 ± 0.77	8.05 ± 0.39	7.39 ± 0.19
bn120119229	2.79E-06 ± 1.86E-08	2.68 ± 0.60	2.25 ± 0.22	1.69 ± 0.10
bn120119354	1.66E-06 ± 3.94E-08	2.27 ± 0.47	2.11 ± 0.24	1.56 ± 0.10
bn120120432	8.15E-07 ± 1.81E-08	1.40 ± 0.42	0.64 ± 0.14	0.35 ± 0.06
bn120121101	1.13E-06 ± 1.65E-08	1.53 ± 0.38	1.15 ± 0.17	0.79 ± 0.08
bn120121251	6.64E-06 ± 3.54E-08	3.58 ± 0.55	3.16 ± 0.28	2.55 ± 0.12
bn120122300	1.55E-06 ± 2.62E-08	2.08 ± 0.56	1.39 ± 0.22	0.91 ± 0.09
bn120129312	6.39E-08 ± 9.14E-09	1.01 ± 0.31	0.72 ± 0.15	0.29 ± 0.07
bn120129580	2.94E-05 ± 3.92E-08	112.97 ± 2.99	110.18 ± 1.47	81.16 ± 0.63
bn120130699	3.55E-06 ± 7.61E-08	4.72 ± 0.79	4.04 ± 0.37	2.81 ± 0.17
bn120130906	3.27E-07 ± 1.78E-08	1.30 ± 0.29	0.88 ± 0.15	0.63 ± 0.06
bn120130938	6.12E-06 ± 9.33E-08	4.42 ± 0.78	3.45 ± 0.35	2.76 ± 0.16
bn120203812	6.26E-07 ± 1.47E-08	2.80 ± 0.74	1.37 ± 0.24	0.88 ± 0.11
bn120204054	5.26E-05 ± 4.41E-08	16.64 ± 0.86	15.98 ± 0.42	15.43 ± 0.21
bn120205285	1.37E-07 ± 1.24E-08	1.48 ± 0.40	1.26 ± 0.19	0.67 ± 0.09
bn120206949	3.40E-06 ± 3.46E-08	13.20 ± 1.14	11.58 ± 0.52	9.86 ± 0.24
bn120210650	3.28E-07 ± 8.69E-09	3.80 ± 0.44	3.09 ± 0.20	1.71 ± 0.07
bn120212353	3.47E-08 ± 6.64E-09	3.86 ± 0.68	1.87 ± 0.25	0.72 ± 0.10
bn120212383	5.80E-07 ± 1.38E-08	1.58 ± 0.44	0.99 ± 0.20	0.79 ± 0.11
bn120213606	1.60E-06 ± 2.51E-08	4.93 ± 0.56	3.59 ± 0.26	2.78 ± 0.12
bn120217808	8.23E-07 ± 3.78E-08	3.48 ± 0.73	3.36 ± 0.34	2.58 ± 0.15
bn120217904	2.61E-06 ± 2.12E-08	23.54 ± 1.21	20.75 ± 0.58	10.44 ± 0.21
bn120218276	6.31E-06 ± 3.95E-08	1.58 ± 0.45	1.04 ± 0.19	0.80 ± 0.09
bn120219563	3.27E-07 ± 9.87E-09	0.78 ± 0.25	0.72 ± 0.12	0.47 ± 0.06
bn120220210	6.99E-07 ± 1.35E-08	1.61 ± 0.41	0.60 ± 0.13	0.42 ± 0.07
bn120222021	1.15E-06 ± 1.19E-08	10.91 ± 0.79	9.66 ± 0.37	6.47 ± 0.16
bn120222119	1.38E-06 ± 3.54E-08	2.29 ± 0.56	1.16 ± 0.24	0.86 ± 0.12
bn120223933	2.11E-06 ± 4.48E-08	2.59 ± 0.57	2.40 ± 0.23	2.08 ± 0.12
bn120224282	4.63E-06 ± 1.09E-07	2.74 ± 0.55	1.93 ± 0.25	1.46 ± 0.12
bn120224898	1.43E-06 ± 3.24E-08	1.41 ± 0.36	0.89 ± 0.15	0.69 ± 0.07

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120226447	3.20E-06 ± 4.11E-08	4.65 ± 1.22	3.27 ± 0.47	2.31 ± 0.19
bn120226871	2.72E-05 ± 4.78E-08	6.56 ± 0.68	6.05 ± 0.33	5.04 ± 0.16
bn120227391	1.91E-06 ± 4.64E-08	3.43 ± 0.92	1.82 ± 0.30	0.96 ± 0.12
bn120227725	1.37E-05 ± 5.18E-08	11.19 ± 1.43	9.46 ± 0.70	8.06 ± 0.33
bn120302080	1.29E-06 ± 2.77E-08	0.91 ± 0.35	0.71 ± 0.15	0.51 ± 0.07
bn120302722	6.00E-08 ± 8.66E-09	1.98 ± 0.45	1.17 ± 0.17	0.50 ± 0.07
bn120304061	2.08E-06 ± 1.10E-08	3.78 ± 0.30	3.78 ± 0.15	3.25 ± 0.09
bn120304248	3.35E-06 ± 2.41E-08	12.78 ± 0.99	8.93 ± 0.52	5.30 ± 0.21
bn120308588	3.24E-06 ± 3.37E-08	8.77 ± 1.20	7.99 ± 0.57	6.21 ± 0.24
bn120312671	4.75E-07 ± 1.53E-08	1.17 ± 0.36	0.69 ± 0.19	0.47 ± 0.07
bn120314412	9.24E-08 ± 1.76E-08	0.97 ± 0.31	0.84 ± 0.13	0.45 ± 0.05
bn120316008	7.58E-06 ± 1.65E-08	6.26 ± 0.89	5.82 ± 0.43	3.52 ± 0.17
bn120319983	1.30E-06 ± 2.06E-08	1.23 ± 0.40	0.95 ± 0.16	0.51 ± 0.06
bn120323162	9.31E-07 ± 9.99E-09	4.60 ± 0.60	3.42 ± 0.27	2.43 ± 0.12
bn120323507	5.37E-06 ± 1.69E-08	188.58 ± 3.19	105.90 ± 1.20	34.76 ± 0.35
bn120326056	1.55E-06 ± 2.51E-08	2.86 ± 0.44	2.09 ± 0.21	1.84 ± 0.10
bn120327418	7.30E-08 ± 2.02E-08	3.48 ± 0.81	1.59 ± 0.25	0.50 ± 0.09
bn120328268	4.09E-05 ± 9.20E-08	19.88 ± 0.91	18.62 ± 0.45	16.98 ± 0.22
bn120331055	2.53E-07 ± 2.63E-08	6.05 ± 0.87	2.24 ± 0.30	0.52 ± 0.11
bn120402669	1.33E-06 ± 1.26E-08	3.04 ± 0.36	2.76 ± 0.30	2.46 ± 0.13
bn120403857	1.25E-07 ± 1.08E-08	0.60 ± 0.25	0.55 ± 0.12	0.40 ± 0.06
bn120410585	1.51E-07 ± 1.12E-08	4.61 ± 0.56	2.86 ± 0.26	0.77 ± 0.10
bn120411925	7.26E-07 ± 1.44E-08	1.13 ± 0.34	0.69 ± 0.12	0.42 ± 0.05
bn120412055	6.81E-07 ± 4.89E-08	1.77 ± 0.50	1.44 ± 0.24	1.04 ± 0.11
bn120412920	3.91E-06 ± 2.91E-08	3.67 ± 0.69	3.11 ± 0.33	2.38 ± 0.15
bn120415076	1.47E-06 ± 2.90E-08	2.69 ± 0.48	2.33 ± 0.22	1.92 ± 0.10
bn120415891	7.17E-08 ± 4.16E-09	1.59 ± 0.31	1.23 ± 0.14	0.53 ± 0.06
bn120415958	1.10E-06 ± 3.03E-08	2.51 ± 0.65	1.60 ± 0.35	1.16 ± 0.15
bn120420249	1.63E-06 ± 3.39E-08	2.10 ± 0.53	1.56 ± 0.25	1.20 ± 0.11
bn120420858	2.33E-05 ± 1.19E-07	3.49 ± 0.67	2.49 ± 0.31	2.10 ± 0.15
bn120426090	1.38E-05 ± 1.20E-08	43.71 ± 1.85	41.16 ± 0.90	38.17 ± 0.44
bn120426585	2.13E-06 ± 2.16E-08	1.94 ± 0.42	1.08 ± 0.21	0.70 ± 0.07
bn120427054	5.17E-06 ± 2.10E-08	10.10 ± 0.85	9.50 ± 0.42	8.74 ± 0.20
bn120427153	3.75E-07 ± 2.05E-08	0.80 ± 0.39	0.67 ± 0.15	0.41 ± 0.07
bn120429003	1.59E-07 ± 1.16E-08	2.58 ± 0.51	1.40 ± 0.18	0.87 ± 0.08
bn120429484	1.11E-06 ± 9.04E-09	1.87 ± 0.44	1.55 ± 0.19	1.26 ± 0.09
bn120430980	3.19E-07 ± 1.06E-08	0.76 ± 0.44	0.52 ± 0.18	0.40 ± 0.07
bn120504468	1.66E-06 ± 1.42E-08	1.01 ± 0.38	0.72 ± 0.17	0.53 ± 0.07
bn120504945	8.06E-07 ± 1.45E-08	2.48 ± 0.66	1.67 ± 0.27	1.22 ± 0.12
bn120506128	1.57E-07 ± 1.36E-08	1.22 ± 0.39	0.69 ± 0.16	0.58 ± 0.07

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120509619	9.65E-08 ± 8.39E-09	1.79 ± 0.48	1.21 ± 0.18	0.54 ± 0.07
bn120510900	3.01E-06 ± 3.21E-08	1.43 ± 0.49	0.92 ± 0.21	0.52 ± 0.08
bn120511638	5.66E-06 ± 5.26E-08	3.83 ± 0.81	2.90 ± 0.36	2.21 ± 0.17
bn120512112	6.69E-06 ± 3.99E-08	4.01 ± 0.41	3.77 ± 0.22	3.53 ± 0.11
bn120513531	6.68E-07 ± 2.00E-08	1.30 ± 0.40	1.14 ± 0.20	0.75 ± 0.09
bn120519721	5.69E-07 ± 1.20E-08	6.10 ± 0.84	4.55 ± 0.40	3.21 ± 0.16
bn120520949	4.41E-07 ± 1.41E-08	1.70 ± 0.35	1.32 ± 0.18	1.06 ± 0.09
bn120521380	1.79E-06 ± 1.91E-08	1.39 ± 0.38	0.77 ± 0.17	0.52 ± 0.08
bn120522361	5.02E-06 ± 2.84E-08	5.49 ± 0.79	4.76 ± 0.38	3.95 ± 0.17
bn120524134	1.27E-07 ± 7.96E-09	5.49 ± 0.78	2.84 ± 0.33	0.91 ± 0.10
bn120526303	4.66E-05 ± 1.19E-07	12.63 ± 2.07	7.99 ± 0.93	6.36 ± 0.49
bn120528442	2.12E-06 ± 2.46E-08	2.87 ± 0.57	2.25 ± 0.27	1.84 ± 0.12
bn120530121	4.10E-06 ± 2.51E-08	2.74 ± 0.55	2.19 ± 0.25	1.56 ± 0.12
bn120531393	5.16E-07 ± 1.01E-08	1.00 ± 0.38	0.70 ± 0.16	0.47 ± 0.07
bn120603439	3.05E-07 ± 1.54E-08	6.48 ± 0.94	4.91 ± 0.37	1.60 ± 0.11
bn120604220	7.14E-07 ± 2.70E-08	3.45 ± 0.56	2.29 ± 0.23	0.99 ± 0.09
bn120604343	8.62E-07 ± 3.81E-08	1.16 ± 0.38	1.14 ± 0.20	0.69 ± 0.08
bn120605453	1.71E-06 ± 3.08E-08	5.94 ± 0.71	4.56 ± 0.32	3.74 ± 0.15
bn120608489	2.95E-07 ± 1.09E-08	4.18 ± 0.65	3.77 ± 0.31	1.40 ± 0.10
bn120608777	1.77E-06 ± 2.40E-08	2.37 ± 0.54	1.51 ± 0.23	1.13 ± 0.09
bn120609580	2.60E-07 ± 1.33E-08	1.73 ± 0.44	1.61 ± 0.22	1.15 ± 0.09
bn120611108	2.29E-06 ± 2.73E-08	3.60 ± 0.52	2.98 ± 0.25	1.45 ± 0.09
bn120612680	1.10E-06 ± 1.55E-08	1.36 ± 0.38	0.61 ± 0.18	0.48 ± 0.08
bn120612687	2.50E-07 ± 1.18E-08	5.83 ± 0.82	3.95 ± 0.35	1.14 ± 0.10
bn120616630	6.42E-08 ± 6.03E-09	3.25 ± 0.80	1.07 ± 0.23	0.28 ± 0.08
bn120618128	3.79E-06 ± 3.79E-08	3.25 ± 0.51	2.92 ± 0.24	2.63 ± 0.38
bn120618919	1.95E-06 ± 3.16E-08	4.67 ± 1.00	3.17 ± 0.41	1.75 ± 0.18
bn120619884	2.24E-07 ± 1.69E-08	2.72 ± 0.61	1.97 ± 0.23	1.00 ± 0.09
bn120624309	2.55E-06 ± 4.19E-08	48.93 ± 1.31	33.11 ± 0.63	10.60 ± 0.20
bn120624933	7.64E-05 ± 1.09E-07	9.99 ± 0.71	9.31 ± 0.35	8.28 ± 0.17
bn120625119	6.10E-06 ± 2.00E-08	10.74 ± 1.04	9.94 ± 0.49	9.55 ± 0.23
bn120629565	3.24E-08 ± 6.57E-09	0.83 ± 0.21	0.51 ± 0.10	0.24 ± 0.05
bn120701654	4.91E-08 ± 2.92E-08	1.56 ± 0.50	1.05 ± 0.24	0.41 ± 0.11
bn120702891	9.95E-07 ± 3.40E-08	1.16 ± 0.41	0.66 ± 0.14	0.44 ± 0.06
bn120703417	5.49E-06 ± 2.78E-08	3.58 ± 0.56	2.90 ± 0.25	2.55 ± 0.12
bn120703498	1.54E-06 ± 3.29E-08	1.90 ± 0.54	1.22 ± 0.21	0.73 ± 0.08
bn120703726	4.31E-06 ± 5.25E-08	11.92 ± 0.73	10.30 ± 0.36	8.60 ± 0.17
bn120707800	5.21E-05 ± 3.38E-07	28.34 ± 2.53	24.61 ± 1.23	22.60 ± 0.59
bn120709883	6.30E-06 ± 2.11E-08	10.91 ± 0.77	8.50 ± 0.36	5.00 ± 0.16
bn120710100	2.71E-06 ± 1.10E-08	1.99 ± 0.44	1.17 ± 0.17	0.90 ± 0.08

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120711115	6.65E-05 ± 7.69E-08	19.05 ± 1.68	14.42 ± 0.64	12.19 ± 0.28
bn120711446	1.00E-06 ± 1.18E-08	0.73 ± 0.34	0.54 ± 0.10	0.31 ± 0.05
bn120712571	2.61E-06 ± 2.62E-08	2.49 ± 0.41	1.75 ± 0.18	1.61 ± 0.09
bn120713226	5.97E-07 ± 5.92E-08	1.04 ± 0.41	0.71 ± 0.17	0.52 ± 0.08
bn120715066	1.13E-06 ± 1.95E-08	2.14 ± 0.60	1.28 ± 0.20	0.75 ± 0.07
bn120716577	2.79E-06 ± 6.16E-08	2.03 ± 0.60	1.62 ± 0.24	1.43 ± 0.12
bn120716712	7.43E-06 ± 1.76E-08	7.73 ± 0.76	6.97 ± 0.37	3.54 ± 0.14
bn120719146	8.12E-06 ± 4.02E-08	3.31 ± 0.58	3.05 ± 0.28	2.25 ± 0.12
bn120727354	6.62E-08 ± 1.20E-08	0.73 ± 0.21	0.42 ± 0.10	0.27 ± 0.05
bn120727681	5.29E-06 ± 3.75E-08	6.69 ± 0.59	6.18 ± 0.29	5.70 ± 0.14
bn120728434	6.99E-05 ± 1.31E-06	17.70 ± 1.22	17.28 ± 0.60	15.98 ± 0.29
bn120728934	1.92E-06 ± 2.24E-08	3.32 ± 0.76	1.32 ± 0.23	0.80 ± 0.10
bn120729456	2.67E-06 ± 2.89E-08	2.39 ± 0.49	2.03 ± 0.22	1.80 ± 0.11
bn120801920	1.82E-05 ± 1.45E-07	6.91 ± 1.76	4.55 ± 0.79	3.78 ± 0.38
bn120805706	9.64E-08 ± 1.13E-08	0.76 ± 0.44	0.63 ± 0.15	0.50 ± 0.07
bn120806007	2.21E-06 ± 1.97E-08	3.23 ± 0.47	2.60 ± 0.21	2.37 ± 0.10
bn120811014	4.66E-07 ± 1.04E-08	8.16 ± 0.95	4.97 ± 0.40	1.82 ± 0.13
bn120811649	1.61E-06 ± 1.19E-07	3.34 ± 0.82	3.00 ± 0.40	2.17 ± 0.19
bn120814201	2.28E-07 ± 1.97E-08	3.57 ± 0.94	2.16 ± 0.35	1.44 ± 0.14
bn120814803	7.19E-08 ± 1.98E-08	2.81 ± 0.46	1.56 ± 0.19	0.36 ± 0.07
bn120817057	5.71E-07 ± 1.46E-08	0.99 ± 0.29	0.59 ± 0.12	0.29 ± 0.06
bn120817168	5.00E-07 ± 5.93E-09	19.28 ± 1.44	8.08 ± 0.47	2.19 ± 0.13
bn120819048	7.43E-07 ± 1.74E-08	1.59 ± 0.43	1.19 ± 0.18	0.71 ± 0.07
bn120820585	3.85E-06 ± 1.48E-08	1.16 ± 0.26	0.84 ± 0.12	0.67 ± 0.06
bn120822628	6.42E-08 ± 7.56E-09	0.82 ± 0.23	0.51 ± 0.11	0.32 ± 0.05
bn120824594	3.22E-06 ± 2.19E-08	1.56 ± 0.43	0.66 ± 0.14	0.42 ± 0.06
bn120827216	1.72E-06 ± 5.02E-08	4.48 ± 0.86	3.27 ± 0.34	2.67 ± 0.16
bn120830212	3.97E-06 ± 1.17E-07	6.94 ± 1.00	6.21 ± 0.47	3.76 ± 0.21
bn120830297	7.92E-07 ± 1.60E-08	5.06 ± 0.73	4.63 ± 0.34	3.14 ± 0.15
bn120830702	3.32E-06 ± 1.77E-08	2.69 ± 0.43	2.50 ± 0.21	1.70 ± 0.09
bn120831901	1.24E-07 ± 1.54E-08	5.33 ± 0.77	2.29 ± 0.25	0.69 ± 0.08
bn120905657	1.09E-05 ± 3.15E-07	1.71 ± 0.35	1.34 ± 0.18	1.15 ± 0.08
bn120907017	5.25E-07 ± 2.49E-08	3.67 ± 0.91	2.51 ± 0.41	1.65 ± 0.17
bn120908873	8.00E-06 ± 4.63E-08	4.13 ± 0.77	2.74 ± 0.36	2.10 ± 0.14
bn120908938	3.30E-06 ± 6.95E-08	2.22 ± 0.57	1.29 ± 0.23	1.03 ± 0.11
bn120909070	5.17E-06 ± 7.87E-08	2.29 ± 0.51	2.03 ± 0.26	1.09 ± 0.09
bn120911298	1.22E-06 ± 2.36E-08	1.85 ± 0.51	1.41 ± 0.24	1.08 ± 0.11
bn120913846	7.87E-07 ± 1.58E-08	0.99 ± 0.22	0.83 ± 0.14	0.64 ± 0.06
bn120913997	1.09E-05 ± 3.28E-08	2.80 ± 0.48	2.35 ± 0.22	1.90 ± 0.09
bn120914144	4.21E-07 ± 1.90E-08	2.11 ± 0.51	1.60 ± 0.22	1.06 ± 0.10

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn120915000	1.89E-07 ± 1.31E-08	3.05 ± 0.62	2.04 ± 0.26	0.89 ± 0.09
bn120915474	2.05E-07 ± 1.20E-08	1.16 ± 0.32	0.50 ± 0.11	0.32 ± 0.05
bn120916085	4.02E-08 ± 5.44E-09	2.53 ± 0.40	1.37 ± 0.19	0.59 ± 0.08
bn120916173	7.24E-06 ± 2.58E-08	1.33 ± 0.47	5.78 ± 0.40	5.09 ± 0.16
bn120919052	1.08E-05 ± 2.05E-08	7.36 ± 0.70	6.71 ± 0.34	4.62 ± 0.15
bn120919309	9.51E-06 ± 2.73E-08	13.78 ± 0.75	13.26 ± 0.37	11.89 ± 0.18
bn120919816	6.06E-07 ± 9.74E-09	1.77 ± 0.43	1.37 ± 0.20	0.76 ± 0.08
bn120920003	5.19E-07 ± 1.61E-08	1.06 ± 0.34	0.50 ± 0.13	0.28 ± 0.06
bn120921877	1.62E-06 ± 1.70E-08	7.30 ± 0.83	6.82 ± 0.40	5.31 ± 0.19
bn120922939	3.92E-06 ± 1.12E-07	1.13 ± 0.41	0.99 ± 0.21	0.82 ± 0.10
bn120926335	1.19E-06 ± 2.50E-08	7.83 ± 0.63	5.79 ± 0.27	2.91 ± 0.11
bn120926426	2.60E-06 ± 4.75E-08	2.97 ± 0.73	2.13 ± 0.30	1.30 ± 0.11
bn120926753	1.06E-07 ± 1.35E-08	1.33 ± 0.39	0.50 ± 0.14	0.32 ± 0.06
bn121004211	2.23E-07 ± 8.22E-09	2.50 ± 0.58	1.61 ± 0.24	0.96 ± 0.09
bn121005030	1.81E-06 ± 3.00E-08	2.77 ± 0.86	1.11 ± 0.25	0.54 ± 0.08
bn121005340	2.92E-06 ± 2.94E-08	1.92 ± 0.45	0.87 ± 0.14	0.68 ± 0.06
bn121008424	2.39E-07 ± 7.76E-09	1.96 ± 0.50	1.56 ± 0.22	1.01 ± 0.10
bn121011469	2.33E-06 ± 1.82E-08	1.69 ± 0.40	0.86 ± 0.13	0.64 ± 0.06
bn121012724	4.87E-07 ± 5.12E-09	6.29 ± 0.68	5.33 ± 0.31	2.14 ± 0.10
bn121014638	8.42E-08 ± 1.29E-08	1.59 ± 0.37	1.20 ± 0.16	0.51 ± 0.06
bn121019233	3.19E-07 ± 4.63E-08	2.22 ± 0.52	0.74 ± 0.16	0.30 ± 0.05
bn121023322	4.44E-07 ± 2.35E-08	5.35 ± 0.72	4.77 ± 0.38	2.47 ± 0.15
bn121027038	4.40E-06 ± 3.53E-08	1.51 ± 0.64	1.32 ± 0.29	0.97 ± 0.13
bn121028280	5.75E-07 ± 1.30E-08	1.73 ± 0.38	1.11 ± 0.17	0.76 ± 0.08
bn121029350	5.12E-06 ± 3.25E-08	12.74 ± 0.71	10.54 ± 0.34	7.42 ± 0.15
bn121031949	8.03E-06 ± 7.40E-08	2.67 ± 0.55	2.11 ± 0.26	1.81 ± 0.13
bn121102064	4.09E-07 ± 3.72E-08	0.79 ± 0.29	0.61 ± 0.14	0.48 ± 0.07
bn121104627	2.56E-06 ± 6.33E-08	1.69 ± 0.44	1.17 ± 0.19	0.94 ± 0.09
bn121109338	2.89E-06 ± 3.39E-08	3.13 ± 0.67	2.23 ± 0.28	1.95 ± 0.14
bn121112806	1.25E-07 ± 1.82E-08	2.29 ± 0.49	0.95 ± 0.14	0.62 ± 0.07
bn121113544	1.57E-05 ± 5.13E-08	5.41 ± 0.76	4.09 ± 0.35	3.14 ± 0.16
bn121116459	1.71E-07 ± 7.43E-09	2.90 ± 1.01	1.55 ± 0.31	0.95 ± 0.12
bn121117018	5.13E-06 ± 3.64E-08	2.10 ± 0.40	1.74 ± 0.18	1.31 ± 0.08
bn121118576	3.91E-06 ± 1.92E-08	17.23 ± 0.91	12.11 ± 0.39	4.96 ± 0.14
bn121119579	4.79E-07 ± 1.31E-08	4.85 ± 0.67	3.49 ± 0.29	1.84 ± 0.12
bn121122564	3.89E-07 ± 1.02E-08	1.37 ± 0.39	1.26 ± 0.18	0.93 ± 0.09
bn121122870	5.42E-06 ± 3.16E-08	3.29 ± 0.60	3.13 ± 0.31	1.92 ± 0.12
bn121122885	2.48E-05 ± 6.64E-08	22.18 ± 2.82	20.18 ± 1.43	18.90 ± 0.68
bn121123421	1.25E-05 ± 4.10E-07	2.53 ± 0.52	2.20 ± 0.25	1.93 ± 0.12
bn121123442	7.97E-06 ± 5.68E-08	4.06 ± 0.64	2.92 ± 0.26	2.29 ± 0.11

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn121124606	2.49E-08 ± 5.55E-09	1.58 ± 0.36	0.70 ± 0.13	0.20 ± 0.05
bn121125356	3.74E-06 ± 3.44E-08	3.05 ± 0.49	2.30 ± 0.21	1.62 ± 0.09
bn121125469	4.80E-07 ± 1.49E-08	1.09 ± 0.33	0.84 ± 0.13	0.60 ± 0.06
bn121127914	5.58E-07 ± 1.98E-08	9.86 ± 0.90	7.26 ± 0.43	2.32 ± 0.14
bn121128212	5.08E-06 ± 5.83E-08	10.82 ± 1.05	9.22 ± 0.49	7.23 ± 0.22
bn121202181	1.17E-06 ± 3.32E-08	1.15 ± 0.33	0.73 ± 0.18	0.48 ± 0.07
bn121205507	7.04E-08 ± 4.06E-09	0.90 ± 0.40	0.58 ± 0.18	0.26 ± 0.06
bn121210081	1.06E-06 ± 3.29E-08	1.56 ± 0.51	1.48 ± 0.26	0.82 ± 0.12
bn121211574	3.69E-07 ± 2.19E-08	1.39 ± 0.35	0.78 ± 0.16	0.58 ± 0.06
bn121211695	7.57E-07 ± 1.89E-08	2.11 ± 0.41	1.70 ± 0.19	1.43 ± 0.09
bn121216419	2.17E-07 ± 1.39E-08	1.42 ± 0.54	1.05 ± 0.22	0.53 ± 0.08
bn121217313	3.67E-06 ± 3.58E-08	2.53 ± 0.71	1.43 ± 0.27	0.94 ± 0.11
bn121220311	2.81E-07 ± 1.61E-08	0.67 ± 0.23	0.40 ± 0.11	0.30 ± 0.05
bn121221916	2.65E-06 ± 2.53E-08	1.83 ± 0.40	1.12 ± 0.18	0.93 ± 0.08
bn121223300	4.85E-06 ± 1.10E-08	5.56 ± 0.52	4.98 ± 0.25	4.61 ± 0.12
bn121225417	3.53E-05 ± 9.93E-08	14.02 ± 0.98	12.71 ± 0.47	11.08 ± 0.22
bn121229533	2.13E-06 ± 1.90E-08	2.42 ± 0.51	1.66 ± 0.21	1.34 ± 0.10
bn121231445	1.54E-06 ± 2.93E-08	1.45 ± 0.48	0.94 ± 0.18	0.58 ± 0.08
bn130104721	3.17E-06 ± 3.00E-08	3.32 ± 0.50	2.82 ± 0.24	2.20 ± 0.11
bn130106829	9.85E-07 ± 2.27E-08	1.68 ± 0.42	1.17 ± 0.19	0.94 ± 0.08
bn130106995	7.71E-06 ± 3.25E-08	2.66 ± 0.68	2.23 ± 0.33	1.73 ± 0.14
bn130109206	1.40E-06 ± 3.52E-08	3.53 ± 0.46	2.95 ± 0.22	2.36 ± 0.11
bn130112286	1.52E-06 ± 2.39E-08	4.68 ± 0.58	4.07 ± 0.27	2.61 ± 0.11
bn130112353	5.49E-07 ± 1.55E-08	4.22 ± 0.60	3.20 ± 0.28	1.66 ± 0.10
bn130114019	4.42E-07 ± 3.99E-08	1.36 ± 0.34	0.97 ± 0.17	0.74 ± 0.08
bn130115716	1.70E-06 ± 1.78E-08	2.61 ± 0.50	1.57 ± 0.21	1.11 ± 0.09
bn130116415	4.79E-07 ± 1.79E-08	2.38 ± 0.80	1.04 ± 0.25	0.39 ± 0.08
bn130117087	1.54E-06 ± 1.93E-08	0.96 ± 0.40	0.60 ± 0.13	0.40 ± 0.06
bn130118482	4.40E-07 ± 1.88E-08	0.80 ± 0.25	0.80 ± 0.13	0.36 ± 0.06
bn130121835	2.50E-05 ± 6.14E-08	15.72 ± 1.31	14.54 ± 0.66	11.57 ± 0.30
bn130123843	7.55E-07 ± 1.69E-08	1.78 ± 0.39	1.32 ± 0.19	0.94 ± 0.09
bn130127299	5.56E-07 ± 3.08E-08	1.04 ± 0.40	0.66 ± 0.14	0.41 ± 0.06
bn130127743	7.57E-08 ± 6.27E-09	4.85 ± 0.48	2.40 ± 0.23	0.52 ± 0.08
bn130131511	2.38E-05 ± 3.84E-08	4.91 ± 0.84	4.06 ± 0.35	3.44 ± 0.16
bn130204484	1.18E-07 ± 7.05E-09	4.15 ± 0.69	2.31 ± 0.25	0.60 ± 0.09
bn130206482	4.37E-06 ± 3.43E-08	8.31 ± 0.59	7.84 ± 0.29	6.98 ± 0.14
bn130206817	1.53E-06 ± 4.14E-08	1.82 ± 0.47	1.39 ± 0.21	0.73 ± 0.09
bn130208684	1.36E-06 ± 2.72E-08	1.85 ± 0.43	0.90 ± 0.16	0.60 ± 0.07
bn130209961	3.75E-06 ± 1.03E-08	6.70 ± 0.66	5.42 ± 0.30	3.96 ± 0.14
bn130213905	4.97E-07 ± 2.66E-08	0.75 ± 0.41	0.53 ± 0.20	0.48 ± 0.07

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130214137	8.33E-07 ± 5.13E-08	0.81 ± 0.31	0.47 ± 0.10	0.31 ± 0.05
bn130214800	3.23E-06 ± 4.62E-08	3.57 ± 0.45	3.15 ± 0.22	2.62 ± 0.10
bn130215063	9.95E-06 ± 1.78E-07	2.06 ± 0.48	1.57 ± 0.21	1.22 ± 0.10
bn130215649	1.24E-05 ± 3.01E-08	5.20 ± 1.02	4.00 ± 0.42	3.38 ± 0.19
bn130216790	2.56E-06 ± 1.78E-08	6.36 ± 0.80	4.98 ± 0.32	4.18 ± 0.15
bn130216927	3.79E-06 ± 3.93E-08	7.62 ± 0.64	5.92 ± 0.31	5.23 ± 0.15
bn130217688	6.31E-07 ± 2.99E-08	1.94 ± 0.57	1.48 ± 0.24	1.30 ± 0.12
bn130218261	5.12E-06 ± 4.89E-08	4.17 ± 0.89	3.33 ± 0.43	2.25 ± 0.17
bn130219197	1.66E-05 ± 5.78E-08	2.43 ± 0.43	1.92 ± 0.22	1.40 ± 0.09
bn130219626	1.39E-07 ± 1.21E-08	4.16 ± 0.62	2.22 ± 0.23	0.60 ± 0.09
bn130219775	1.53E-05 ± 3.87E-08	8.85 ± 0.78	7.12 ± 0.35	6.65 ± 0.18
bn130220964	3.99E-06 ± 2.51E-08	11.53 ± 0.65	11.23 ± 0.32	9.61 ± 0.15
bn130224370	2.80E-06 ± 3.12E-08	2.09 ± 0.43	1.63 ± 0.18	1.24 ± 0.08
bn130228111	4.60E-06 ± 3.07E-08	3.20 ± 0.46	2.01 ± 0.21	1.76 ± 0.11
bn130228212	8.37E-06 ± 3.16E-08	14.40 ± 1.99	12.58 ± 0.95	8.91 ± 0.39
bn130304410	1.53E-05 ± 4.76E-08	7.10 ± 1.21	5.98 ± 0.59	3.09 ± 0.21
bn130304658	9.58E-07 ± 2.46E-08	2.52 ± 0.71	1.16 ± 0.22	0.65 ± 0.09
bn130305486	1.85E-05 ± 3.89E-08	14.97 ± 1.02	14.03 ± 0.49	13.24 ± 0.24
bn130305526	8.32E-07 ± 2.46E-08	0.99 ± 0.40	0.66 ± 0.16	0.26 ± 0.06
bn130306991	6.91E-05 ± 3.50E-07	16.05 ± 2.81	11.97 ± 1.26	9.64 ± 0.59
bn130307126	2.52E-07 ± 3.48E-09	4.36 ± 0.60	3.20 ± 0.25	1.42 ± 0.08
bn130307238	2.17E-06 ± 3.23E-08	1.69 ± 0.57	0.84 ± 0.17	0.59 ± 0.08
bn130310840	4.97E-06 ± 3.51E-08	78.95 ± 1.73	42.22 ± 0.77	18.23 ± 0.25
bn130314147	7.89E-06 ± 2.36E-08	2.60 ± 0.48	1.99 ± 0.23	1.51 ± 0.10
bn130318456	1.58E-06 ± 2.38E-08	1.67 ± 0.56	0.95 ± 0.27	0.69 ± 0.12
bn130320560	2.37E-05 ± 1.90E-07	27.51 ± 1.50	26.80 ± 0.71	25.33 ± 0.34
bn130324042	1.27E-06 ± 1.83E-08	1.12 ± 0.33	0.57 ± 0.12	0.42 ± 0.06
bn130325005	4.16E-08 ± 9.29E-09	2.84 ± 0.47	1.06 ± 0.16	0.35 ± 0.07
bn130325203	4.18E-06 ± 1.58E-08	7.77 ± 0.56	7.48 ± 0.29	6.39 ± 0.14
bn130327350	2.75E-05 ± 4.33E-08	9.11 ± 0.82	8.18 ± 0.40	6.87 ± 0.18
bn130331566	5.47E-06 ± 2.71E-08	8.00 ± 1.04	7.61 ± 0.53	6.72 ± 0.25
bn130403866	6.15E-07 ± 3.69E-08	1.65 ± 0.47	0.81 ± 0.21	0.52 ± 0.10
bn130404428	4.90E-07 ± 2.46E-08	3.87 ± 0.56	2.04 ± 0.21	1.42 ± 0.10
bn130404840	3.65E-06 ± 3.45E-08	5.20 ± 0.67	4.81 ± 0.33	4.22 ± 0.16
bn130404877	1.30E-07 ± 3.16E-08	2.48 ± 0.51	1.60 ± 0.23	0.65 ± 0.09
bn130406288	1.73E-06 ± 2.84E-08	7.37 ± 0.61	6.08 ± 0.29	4.58 ± 0.13
bn130406334	1.73E-06 ± 5.92E-08	2.58 ± 0.72	1.54 ± 0.28	1.12 ± 0.12
bn130406354	1.97E-07 ± 1.68E-08	1.24 ± 0.40	1.17 ± 0.20	0.80 ± 0.10
bn130407800	8.88E-07 ± 2.70E-08	1.07 ± 0.34	0.63 ± 0.14	0.33 ± 0.06
bn130408653	1.16E-06 ± 2.62E-08	3.74 ± 0.68	3.34 ± 0.34	1.98 ± 0.14

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130409960	4.41E-06 ± 2.61E-08	4.18 ± 0.60	3.96 ± 0.29	3.63 ± 0.14
bn130416690	1.73E-07 ± 1.03E-08	1.45 ± 0.40	0.91 ± 0.19	0.68 ± 0.09
bn130416770	2.79E-07 ± 1.03E-08	10.67 ± 0.99	4.52 ± 0.32	1.27 ± 0.10
bn130418844	2.87E-06 ± 1.80E-08	1.73 ± 0.50	1.13 ± 0.18	0.86 ± 0.07
bn130420313	5.79E-06 ± 1.30E-07	2.47 ± 0.76	1.76 ± 0.35	1.38 ± 0.17
bn130420343	3.90E-06 ± 3.35E-08	1.90 ± 0.39	1.48 ± 0.17	1.15 ± 0.09
bn130420422	2.02E-06 ± 2.35E-08	3.73 ± 0.85	2.83 ± 0.34	2.23 ± 0.15
bn130420539	8.76E-07 ± 3.46E-08	1.37 ± 0.43	0.86 ± 0.19	0.71 ± 0.09
bn130425327	2.22E-05 ± 7.08E-08	15.05 ± 2.18	11.76 ± 0.94	9.36 ± 0.43
bn130427324	8.17E-04 ± 6.59E-07	576.56 ± 7.07	556.91 ± 3.58	496.29 ± 1.62
bn130502327	5.70E-05 ± 3.84E-08	47.10 ± 1.62	40.08 ± 0.76	26.14 ± 0.32
bn130502743	3.64E-07 ± 2.09E-08	2.97 ± 0.66	2.23 ± 0.30	1.11 ± 0.11
bn130503214	2.67E-08 ± 5.16E-09	3.28 ± 0.54	1.10 ± 0.20	0.24 ± 0.09
bn130504314	1.46E-06 ± 1.77E-08	24.19 ± 1.21	15.90 ± 0.65	6.22 ± 0.22
bn130504978	5.60E-05 ± 1.18E-07	24.79 ± 1.45	23.91 ± 0.71	19.52 ± 0.31
bn130505955	4.25E-06 ± 1.09E-07	3.68 ± 0.72	2.81 ± 0.29	2.04 ± 0.13
bn130507545	2.42E-06 ± 2.48E-08	1.62 ± 0.41	1.52 ± 0.20	1.02 ± 0.08
bn130509078	4.65E-06 ± 3.12E-08	5.70 ± 0.65	4.40 ± 0.29	4.04 ± 0.14
bn130509839	8.96E-07 ± 1.26E-08	0.82 ± 0.28	0.49 ± 0.11	0.32 ± 0.06
bn130510877	1.68E-06 ± 4.16E-08	2.00 ± 0.47	1.18 ± 0.20	0.95 ± 0.09
bn130514560	1.27E-06 ± 2.53E-08	3.99 ± 0.86	3.57 ± 0.40	2.66 ± 0.19
bn130515056	2.92E-07 ± 4.81E-09	8.13 ± 0.86	4.79 ± 0.35	1.36 ± 0.12
bn130515430	5.20E-07 ± 2.28E-08	0.92 ± 0.32	0.67 ± 0.15	0.45 ± 0.07
bn130515755	4.06E-07 ± 1.09E-08	2.25 ± 0.55	2.03 ± 0.28	1.39 ± 0.13
bn130517781	1.09E-05 ± 4.22E-08	4.18 ± 0.56	3.58 ± 0.27	3.13 ± 0.13
bn130518551	1.42E-06 ± 2.57E-08	8.63 ± 0.80	6.57 ± 0.29	3.47 ± 0.11
bn130518580	4.46E-05 ± 8.03E-08	23.01 ± 1.04	22.44 ± 0.52	21.33 ± 0.26
bn130522510	1.88E-06 ± 1.93E-08	2.90 ± 0.48	2.04 ± 0.22	1.61 ± 0.11
bn130523095	3.39E-06 ± 2.85E-08	5.43 ± 0.82	4.80 ± 0.40	3.61 ± 0.18
bn130523198	1.29E-06 ± 1.73E-08	3.17 ± 0.44	2.60 ± 0.21	2.29 ± 0.10
bn130527627	6.14E-06 ± 3.62E-08	3.56 ± 0.64	2.56 ± 0.27	2.30 ± 0.13
bn130528503	1.88E-06 ± 1.46E-08	1.57 ± 0.41	1.34 ± 0.20	1.01 ± 0.08
bn130528695	6.61E-06 ± 6.89E-08	4.72 ± 0.68	3.73 ± 0.31	3.10 ± 0.14
bn130530719	3.49E-06 ± 2.14E-08	2.51 ± 0.48	1.67 ± 0.20	1.32 ± 0.10
bn130604033	9.44E-06 ± 6.71E-08	9.33 ± 0.85	7.49 ± 0.38	5.34 ± 0.17
bn130606316	4.66E-06 ± 2.25E-08	4.82 ± 0.48	3.81 ± 0.21	3.18 ± 0.10
bn130606497	8.86E-05 ± 1.05E-07	32.55 ± 1.64	29.88 ± 0.75	26.48 ± 0.34
bn130609129	4.56E-07 ± 3.45E-08	1.04 ± 0.38	0.76 ± 0.14	0.65 ± 0.06
bn130609902	2.45E-05 ± 1.68E-07	9.08 ± 1.12	8.32 ± 0.56	7.40 ± 0.25
bn130610133	2.10E-06 ± 2.45E-08	2.27 ± 0.55	1.61 ± 0.25	1.27 ± 0.12

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130611538	4.02E-06 ± 5.08E-08	2.06 ± 0.49	1.30 ± 0.23	0.98 ± 0.10
bn130612141	3.24E-07 ± 4.24E-08	0.31 ± 0.08	0.28 ± 0.04	0.24 ± 0.04
bn130612456	5.10E-06 ± 2.15E-08	13.58 ± 0.88	12.84 ± 0.43	11.48 ± 0.20
bn130614997	3.51E-06 ± 4.84E-08	7.63 ± 0.67	6.27 ± 0.44	4.86 ± 0.14
bn130615398	1.51E-06 ± 8.16E-08	2.21 ± 0.69	1.58 ± 0.30	0.92 ± 0.13
bn130617564	1.35E-07 ± 8.74E-09	1.85 ± 0.54	1.53 ± 0.26	1.02 ± 0.12
bn130620498	7.48E-07 ± 3.42E-08	1.66 ± 0.40	1.40 ± 0.19	1.19 ± 0.09
bn130622615	2.52E-07 ± 1.20E-08	3.39 ± 0.57	2.43 ± 0.23	1.28 ± 0.09
bn130623130	5.48E-07 ± 9.98E-09	1.53 ± 0.36	1.17 ± 0.16	0.69 ± 0.07
bn130623396	5.95E-07 ± 2.70E-08	1.22 ± 0.35	0.75 ± 0.18	0.49 ± 0.08
bn130623488	1.10E-06 ± 1.64E-08	1.60 ± 0.50	1.13 ± 0.22	0.82 ± 0.09
bn130623699	4.40E-07 ± 2.16E-08	1.33 ± 0.54	0.76 ± 0.22	0.49 ± 0.09
bn130623790	4.37E-06 ± 2.96E-08	5.66 ± 0.78	4.09 ± 0.30	3.37 ± 0.14
bn130624093	2.93E-07 ± 1.20E-08	1.45 ± 0.38	0.84 ± 0.17	0.53 ± 0.09
bn130626452	1.17E-07 ± 4.46E-09	3.28 ± 0.65	1.81 ± 0.23	0.55 ± 0.08
bn130626596	2.71E-06 ± 1.45E-08	3.75 ± 0.68	2.51 ± 0.29	1.69 ± 0.12
bn130627372	8.93E-07 ± 1.31E-08	2.15 ± 0.49	1.84 ± 0.24	0.97 ± 0.09
bn130628531	4.81E-06 ± 2.95E-08	7.92 ± 0.60	7.72 ± 0.32	5.66 ± 0.14
bn130628860	2.99E-07 ± 5.51E-09	8.64 ± 0.97	3.45 ± 0.29	1.38 ± 0.09
bn130630272	9.86E-06 ± 3.85E-08	7.50 ± 1.02	6.38 ± 0.49	5.71 ± 0.24
bn130701060	3.77E-06 ± 4.96E-08	6.34 ± 1.02	5.43 ± 0.49	4.56 ± 0.23
bn130701761	1.88E-06 ± 1.40E-08	8.52 ± 0.89	6.51 ± 0.38	5.22 ± 0.17
bn130702004	2.85E-06 ± 6.37E-08	2.69 ± 0.73	1.69 ± 0.34	1.24 ± 0.18
bn130702951	4.34E-07 ± 2.09E-08	0.87 ± 0.32	0.71 ± 0.12	0.46 ± 0.06
bn130704560	1.38E-05 ± 2.92E-08	31.54 ± 1.27	26.75 ± 0.59	23.03 ± 0.28
bn130705398	7.78E-08 ± 1.34E-08	3.32 ± 0.68	1.76 ± 0.24	0.52 ± 0.09
bn130706900	9.65E-08 ± 1.32E-08	4.20 ± 0.58	1.93 ± 0.25	0.44 ± 0.08
bn130707505	5.43E-06 ± 5.90E-08	3.75 ± 0.98	2.30 ± 0.41	1.66 ± 0.19
bn130708488	1.45E-06 ± 1.44E-08	2.29 ± 0.46	1.53 ± 0.18	1.03 ± 0.07
bn130715906	2.09E-05 ± 8.90E-08	4.87 ± 0.72	4.34 ± 0.36	3.73 ± 0.17
bn130716352	1.63E-06 ± 3.14E-08	1.40 ± 0.41	0.88 ± 0.18	0.54 ± 0.08
bn130716442	2.13E-07 ± 4.02E-09	2.74 ± 0.59	2.12 ± 0.26	0.93 ± 0.09
bn130717734	9.53E-07 ± 2.32E-08	1.56 ± 0.41	1.27 ± 0.20	0.64 ± 0.09
bn130720116	2.22E-06 ± 3.32E-08	2.45 ± 0.56	1.82 ± 0.22	1.35 ± 0.10
bn130720582	5.11E-05 ± 8.38E-08	9.63 ± 0.79	8.33 ± 0.38	7.39 ± 0.18
bn130722021	6.78E-07 ± 2.16E-08	1.39 ± 0.43	0.55 ± 0.13	0.28 ± 0.05
bn130722990	3.39E-07 ± 9.47E-09	2.66 ± 0.52	2.15 ± 0.22	1.37 ± 0.09
bn130723092	4.24E-07 ± 1.57E-08	1.95 ± 0.37	1.66 ± 0.19	1.35 ± 0.09
bn130725527	2.77E-06 ± 3.28E-08	8.51 ± 0.73	7.53 ± 0.36	5.59 ± 0.15
bn130727698	4.58E-06 ± 3.40E-08	6.05 ± 0.95	5.09 ± 0.44	4.04 ± 0.21

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn130730243	1.04E-06 ± 2.29E-08	1.48 ± 0.49	1.06 ± 0.20	0.69 ± 0.10
bn130802730	1.20E-07 ± 7.08E-09	5.11 ± 0.73	1.56 ± 0.25	0.39 ± 0.11
bn130803419	1.79E-06 ± 2.25E-08	5.02 ± 0.69	3.96 ± 0.32	3.37 ± 0.15
bn130804023	8.10E-07 ± 8.61E-09	22.88 ± 1.21	9.24 ± 0.40	3.67 ± 0.13
bn130808253	1.22E-07 ± 9.39E-09	6.77 ± 0.86	3.48 ± 0.36	0.95 ± 0.11
bn130811186	3.23E-06 ± 4.37E-08	1.68 ± 0.37	1.50 ± 0.20	1.19 ± 0.09
bn130813791	6.68E-07 ± 1.18E-08	2.30 ± 0.41	1.67 ± 0.19	1.01 ± 0.08
bn130815420	2.71E-05 ± 5.68E-08	5.01 ± 0.64	3.78 ± 0.31	2.94 ± 0.13
bn130815660	6.91E-06 ± 2.63E-08	13.91 ± 0.89	12.77 ± 0.43	11.38 ± 0.20
bn130816074	3.75E-07 ± 1.40E-08	1.16 ± 0.38	0.77 ± 0.16	0.41 ± 0.06
bn130818941	2.06E-06 ± 3.47E-08	5.27 ± 0.64	4.36 ± 0.31	2.70 ± 0.13
bn130819394	4.84E-06 ± 3.66E-08	1.71 ± 0.48	1.14 ± 0.21	0.90 ± 0.09
bn130821674	2.92E-05 ± 4.32E-08	18.92 ± 0.94	17.10 ± 0.44	11.84 ± 0.18
bn130828306	2.27E-05 ± 3.31E-08	5.25 ± 0.76	3.97 ± 0.35	3.60 ± 0.16
bn130828808	1.42E-06 ± 1.65E-08	5.27 ± 0.59	4.42 ± 0.27	3.45 ± 0.13
bn130829672	2.14E-06 ± 2.60E-08	5.01 ± 0.82	4.36 ± 0.39	3.78 ± 0.19
bn130830864	1.06E-06 ± 2.71E-08	1.24 ± 0.40	0.64 ± 0.16	0.39 ± 0.06
bn130830921	8.01E-07 ± 1.73E-08	1.86 ± 0.58	0.97 ± 0.22	0.63 ± 0.10
bn130831058	1.14E-06 ± 1.30E-08	1.23 ± 0.42	0.78 ± 0.19	0.60 ± 0.08
bn130903033	1.17E-06 ± 2.90E-08	0.90 ± 0.42	0.63 ± 0.18	0.29 ± 0.06
bn130905377	2.46E-06 ± 4.38E-08	2.54 ± 0.50	1.96 ± 0.24	1.61 ± 0.11
bn130906222	3.48E-07 ± 1.58E-08	1.28 ± 0.44	0.83 ± 0.18	0.57 ± 0.08
bn130906435	4.60E-07 ± 1.83E-08	1.86 ± 0.40	1.58 ± 0.21	1.03 ± 0.09
bn130907760	1.43E-07 ± 1.53E-08	1.77 ± 0.37	1.07 ± 0.14	0.58 ± 0.06
bn130908677	1.85E-06 ± 9.29E-08	1.38 ± 0.47	0.95 ± 0.23	0.53 ± 0.11
bn130909817	1.05E-06 ± 3.25E-08	0.92 ± 0.33	0.66 ± 0.16	0.40 ± 0.06
bn130912358	4.07E-07 ± 1.09E-08	8.53 ± 0.80	5.76 ± 0.36	2.14 ± 0.13
bn130919173	2.29E-07 ± 4.64E-09	7.46 ± 0.65	4.36 ± 0.27	1.44 ± 0.09
bn130919352	2.55E-06 ± 1.87E-08	1.54 ± 0.34	1.11 ± 0.15	0.67 ± 0.07
bn130919985	1.50E-06 ± 3.93E-08	1.98 ± 0.53	1.35 ± 0.26	0.95 ± 0.13
bn130924255	2.00E-06 ± 2.90E-08	2.99 ± 0.69	2.41 ± 0.32	1.45 ± 0.13
bn130924910	2.08E-07 ± 1.57E-08	2.34 ± 0.43	1.61 ± 0.18	0.97 ± 0.08
bn130925164	2.83E-07 ± 1.30E-08	0.85 ± 0.37	0.50 ± 0.15	0.41 ± 0.07
bn130925173	4.08E-05 ± 1.40E-07	3.51 ± 0.49	3.06 ± 0.23	2.66 ± 0.11
bn130925546	7.49E-06 ± 1.20E-07	3.25 ± 0.96	1.97 ± 0.44	1.52 ± 0.17
bn130928537	7.32E-06 ± 3.59E-08	2.68 ± 0.81	1.98 ± 0.33	1.20 ± 0.13
bn130929375	1.32E-07 ± 5.82E-09	0.82 ± 0.23	0.46 ± 0.11	0.35 ± 0.05
bn131002288	6.71E-07 ± 2.72E-08	1.73 ± 0.55	1.22 ± 0.32	0.68 ± 0.12
bn131004904	2.98E-07 ± 1.02E-08	3.67 ± 0.68	2.75 ± 0.31	1.83 ± 0.12
bn131006367	4.94E-08 ± 7.64E-09	2.10 ± 0.52	1.07 ± 0.23	0.28 ± 0.10

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn131006840	9.40E-07 ± 2.81E-08	2.71 ± 0.61	1.30 ± 0.24	0.86 ± 0.11
bn131008858	4.43E-06 ± 3.42E-08	4.29 ± 1.03	2.61 ± 0.38	2.15 ± 0.18
bn131011741	5.06E-06 ± 3.78E-08	2.67 ± 0.39	2.22 ± 0.24	1.95 ± 0.11
bn131014215	9.55E-05 ± 7.52E-08	253.48 ± 3.99	230.39 ± 1.91	174.06 ± 0.82
bn131014513	1.13E-06 ± 2.55E-08	2.27 ± 0.60	1.28 ± 0.22	0.87 ± 0.09
bn131018673	1.60E-06 ± 6.16E-08	1.46 ± 0.44	0.97 ± 0.19	0.58 ± 0.09
bn131020113	1.80E-07 ± 1.66E-08	1.29 ± 0.40	0.84 ± 0.19	0.67 ± 0.09
bn131021352	6.97E-07 ± 2.61E-08	4.84 ± 0.73	3.68 ± 0.33	1.46 ± 0.13
bn131024900	7.50E-07 ± 2.33E-08	1.88 ± 0.40	1.27 ± 0.19	0.74 ± 0.09
bn131028076	5.12E-05 ± 7.34E-08	31.52 ± 1.88	29.19 ± 0.93	27.54 ± 0.46
bn131028096	7.93E-07 ± 2.93E-08	0.73 ± 0.46	0.67 ± 0.11	0.48 ± 0.05
bn131029973	1.54E-05 ± 6.83E-08	3.10 ± 0.51	2.42 ± 0.23	2.23 ± 0.11
bn131029990	2.44E-06 ± 5.13E-08	1.41 ± 0.38	0.82 ± 0.16	0.66 ± 0.07
bn131030653	9.33E-07 ± 1.74E-08	1.67 ± 0.42	1.09 ± 0.17	0.60 ± 0.07
bn131030791	2.09E-06 ± 1.64E-08	2.49 ± 0.42	1.94 ± 0.20	1.61 ± 0.09
bn131031482	2.41E-06 ± 3.16E-08	8.35 ± 0.70	6.33 ± 0.30	4.57 ± 0.13
bn131102622	7.67E-07 ± 2.49E-08	1.07 ± 0.38	0.61 ± 0.17	0.34 ± 0.07
bn131105087	1.32E-05 ± 5.70E-08	4.93 ± 0.58	4.59 ± 0.30	3.57 ± 0.13
bn131108024	1.56E-06 ± 2.61E-08	4.33 ± 0.61	3.62 ± 0.31	2.73 ± 0.14
bn131108862	1.71E-05 ± 6.69E-08	16.82 ± 1.02	12.95 ± 0.44	9.64 ± 0.19
bn131110373	2.10E-06 ± 2.25E-08	1.71 ± 0.47	1.24 ± 0.21	0.84 ± 0.09
bn131113483	1.32E-05 ± 5.22E-08	5.25 ± 0.66	3.92 ± 0.31	3.53 ± 0.15
bn131117766	8.93E-06 ± 3.93E-08	1.80 ± 0.38	1.43 ± 0.17	1.21 ± 0.08
bn131118958	3.61E-05 ± 1.94E-07	9.94 ± 1.54	8.10 ± 0.65	6.03 ± 0.30
bn131119781	1.11E-06 ± 1.45E-08	1.83 ± 0.40	1.39 ± 0.19	0.98 ± 0.09
bn131122490	1.49E-05 ± 3.95E-08	9.48 ± 0.84	8.67 ± 0.46	7.30 ± 0.22
bn131123543	2.43E-07 ± 1.47E-08	3.18 ± 0.55	1.88 ± 0.20	0.96 ± 0.08
bn131125689	1.75E-07 ± 1.51E-08	3.75 ± 1.07	1.77 ± 0.31	0.84 ± 0.10
bn131126163	5.47E-07 ± 1.47E-08	18.42 ± 1.56	9.57 ± 0.60	2.43 ± 0.17
bn131127480	2.25E-06 ± 2.97E-08	0.84 ± 0.30	0.54 ± 0.10	0.44 ± 0.05
bn131127592	2.07E-05 ± 7.63E-08	23.05 ± 1.13	21.27 ± 0.56	16.44 ± 0.24
bn131127696	6.70E-07 ± 3.30E-08	1.25 ± 0.35	1.08 ± 0.17	0.68 ± 0.07
bn131128629	2.91E-07 ± 2.22E-08	1.92 ± 0.57	1.55 ± 0.27	1.09 ± 0.13
bn131202633	4.47E-07 ± 2.72E-08	0.87 ± 0.31	0.66 ± 0.14	0.43 ± 0.06
bn131202906	6.58E-06 ± 2.37E-08	2.53 ± 0.58	1.69 ± 0.27	1.32 ± 0.12
bn131204937	9.47E-07 ± 1.22E-08	1.66 ± 0.47	1.03 ± 0.19	0.69 ± 0.09
bn131209547	7.42E-06 ± 4.69E-08	5.96 ± 0.68	5.61 ± 0.33	4.84 ± 0.16
bn131209963	4.48E-07 ± 4.81E-08	2.25 ± 0.50	1.82 ± 0.25	1.26 ± 0.12
bn131211510	2.24E-06 ± 2.63E-08	1.94 ± 0.50	1.22 ± 0.23	0.78 ± 0.06
bn131212814	2.45E-07 ± 2.60E-08	0.72 ± 0.36	0.43 ± 0.13	0.36 ± 0.06

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn131214705	3.57E-05 ± 1.10E-07	9.77 ± 0.76	9.25 ± 0.38	8.97 ± 0.18
bn131215298	3.83E-06 ± 4.24E-08	4.65 ± 0.76	3.29 ± 0.31	2.78 ± 0.15
bn131216081	3.28E-06 ± 2.17E-08	5.62 ± 0.59	5.10 ± 0.29	4.50 ± 0.14
bn131217108	3.53E-07 ± 2.77E-08	3.82 ± 0.76	3.00 ± 0.35	1.64 ± 0.13
bn131217183	2.89E-06 ± 4.07E-08	3.96 ± 0.56	3.31 ± 0.28	2.34 ± 0.12
bn131217506	3.70E-07 ± 2.10E-08	2.52 ± 0.66	1.97 ± 0.31	1.21 ± 0.14
bn131229277	1.29E-05 ± 3.11E-08	19.49 ± 1.21	16.63 ± 0.56	13.86 ± 0.26
bn131230529	3.24E-07 ± 1.91E-08	2.11 ± 0.72	1.46 ± 0.35	0.97 ± 0.16
bn131230808	2.21E-06 ± 2.03E-08	1.55 ± 0.40	1.01 ± 0.16	0.75 ± 0.08
bn131231198	7.96E-05 ± 6.76E-08	39.73 ± 1.51	38.05 ± 0.75	36.31 ± 0.37
bn140102887	1.08E-05 ± 1.19E-08	30.97 ± 1.10	28.98 ± 0.54	25.03 ± 0.25
bn140104731	1.27E-05 ± 2.84E-08	3.60 ± 0.46	3.21 ± 0.23	2.74 ± 0.11
bn140105065	3.49E-07 ± 9.26E-09	4.47 ± 0.64	3.28 ± 0.30	1.64 ± 0.11
bn140105748	7.15E-08 ± 1.15E-08	1.18 ± 0.26	0.80 ± 0.12	0.57 ± 0.06
bn140106345	1.34E-06 ± 4.60E-08	1.84 ± 0.55	1.09 ± 0.20	0.86 ± 0.10
bn140108721	9.95E-06 ± 1.23E-07	5.42 ± 0.53	4.68 ± 0.27	4.42 ± 0.14
bn140109771	6.51E-08 ± 1.65E-08	3.04 ± 0.97	1.22 ± 0.29	0.54 ± 0.10
bn140109877	7.93E-08 ± 1.34E-08	0.26 ± 0.35	0.14 ± 0.11	0.06 ± 0.04
bn140110263	2.44E-06 ± 2.52E-08	2.76 ± 0.57	2.09 ± 0.18	1.81 ± 0.10
bn140110411	2.16E-08 ± 2.89E-09	0.74 ± 0.26	0.35 ± 0.11	0.16 ± 0.05
bn140110814	4.74E-06 ± 8.01E-08	4.15 ± 1.09	2.11 ± 0.40	1.94 ± 0.18
bn140112060	9.08E-07 ± 2.22E-08	1.37 ± 0.37	1.06 ± 0.17	0.80 ± 0.08
bn140113183	1.36E-06 ± 2.55E-08	0.79 ± 0.23	0.70 ± 0.10	0.46 ± 0.05
bn140113624	2.80E-07 ± 1.99E-08	1.41 ± 0.44	0.87 ± 0.17	0.63 ± 0.07
bn140115863	2.31E-06 ± 2.04E-08	3.54 ± 0.62	3.31 ± 0.27	2.07 ± 0.11
bn140115899	1.42E-06 ± 2.91E-08	3.12 ± 0.67	2.42 ± 0.30	2.16 ± 0.15
bn140118064	1.81E-06 ± 2.46E-08	1.14 ± 0.45	0.56 ± 0.19	0.41 ± 0.08
bn140122597	5.94E-07 ± 3.63E-08	3.02 ± 0.69	2.00 ± 0.29	1.41 ± 0.13
bn140124527	1.05E-05 ± 7.55E-08	2.93 ± 0.56	2.30 ± 0.23	1.88 ± 0.10
bn140126815	3.11E-06 ± 2.07E-08	2.15 ± 0.48	1.41 ± 0.20	1.24 ± 0.10
bn140129499	1.19E-07 ± 8.63E-09	3.96 ± 0.71	2.41 ± 0.29	0.64 ± 0.09
bn140204547	1.30E-06 ± 2.21E-08	1.23 ± 0.40	0.70 ± 0.16	0.55 ± 0.08
bn140206275	5.82E-05 ± 1.46E-07	22.04 ± 0.91	21.49 ± 0.46	21.00 ± 0.23
bn140206304	9.99E-06 ± 5.05E-08	14.07 ± 1.21	12.70 ± 0.58	9.00 ± 0.25
bn140209313	5.73E-06 ± 2.81E-08	66.72 ± 2.18	58.87 ± 1.03	27.09 ± 0.36
bn140211091	4.18E-07 ± 1.65E-08	1.63 ± 0.45	1.20 ± 0.18	0.97 ± 0.09
bn140213807	1.11E-05 ± 3.58E-08	12.03 ± 0.78	11.35 ± 0.38	10.10 ± 0.18
bn140216331	2.84E-07 ± 3.31E-08	1.32 ± 0.33	1.05 ± 0.17	0.89 ± 0.08
bn140217043	1.25E-06 ± 2.03E-08	2.29 ± 0.55	1.62 ± 0.25	1.14 ± 0.10
bn140218427	3.18E-06 ± 4.14E-08	1.44 ± 0.37	0.74 ± 0.17	0.55 ± 0.06

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140219319	1.61E-06 ± 1.47E-08	2.61 ± 0.52	2.13 ± 0.22	1.76 ± 0.10
bn140219824	1.48E-06 ± 2.20E-08	1.37 ± 0.46	1.02 ± 0.21	0.70 ± 0.09
bn140223495	1.17E-06 ± 1.92E-08	1.41 ± 0.39	1.09 ± 0.18	0.83 ± 0.08
bn140224382	3.81E-07 ± 2.15E-08	4.05 ± 0.57	2.68 ± 0.26	1.66 ± 0.12
bn140224788	1.47E-06 ± 2.98E-08	1.76 ± 0.40	1.51 ± 0.20	1.25 ± 0.09
bn140227738	4.29E-07 ± 4.95E-08	1.22 ± 0.55	0.88 ± 0.25	0.67 ± 0.11
bn140302342	3.81E-06 ± 2.57E-08	2.75 ± 0.58	2.35 ± 0.27	1.64 ± 0.11
bn140304557	1.45E-06 ± 1.74E-08	1.63 ± 0.43	1.20 ± 0.18	0.99 ± 0.09
bn140304849	4.77E-06 ± 3.40E-08	2.65 ± 0.59	2.12 ± 0.25	1.48 ± 0.12
bn140306146	2.09E-05 ± 4.86E-08	7.99 ± 0.69	6.38 ± 0.31	5.62 ± 0.13
bn140308710	3.55E-06 ± 2.27E-08	12.32 ± 0.99	11.66 ± 0.46	7.82 ± 0.19
bn140311453	1.34E-06 ± 2.02E-08	1.71 ± 0.35	1.31 ± 0.17	1.12 ± 0.09
bn140311618	2.07E-06 ± 6.44E-08	4.02 ± 0.66	3.39 ± 0.29	2.84 ± 0.14
bn140311885	4.00E-06 ± 3.42E-08	2.39 ± 0.62	1.34 ± 0.26	0.94 ± 0.11
bn140319964	4.12E-06 ± 1.81E-08	4.62 ± 0.57	4.15 ± 0.28	2.52 ± 0.12
bn140320092	4.85E-08 ± 4.26E-09	0.62 ± 0.18	0.39 ± 0.09	0.22 ± 0.04
bn140322424	8.43E-07 ± 1.50E-08	1.59 ± 0.44	1.38 ± 0.21	1.03 ± 0.10
bn140323433	1.81E-05 ± 1.08E-07	5.79 ± 0.55	5.25 ± 0.27	4.89 ± 0.14
bn140327065	4.97E-07 ± 2.17E-08	1.63 ± 0.40	1.15 ± 0.18	0.95 ± 0.10
bn140328560	4.05E-07 ± 6.57E-09	1.63 ± 0.39	1.10 ± 0.18	0.82 ± 0.09
bn140329272	1.07E-07 ± 4.99E-09	4.44 ± 0.53	2.30 ± 0.21	0.57 ± 0.07
bn140329295	3.68E-05 ± 1.64E-08	64.16 ± 2.36	55.46 ± 1.08	48.33 ± 0.51
bn140330180	3.08E-06 ± 4.92E-08	3.51 ± 0.62	2.63 ± 0.25	2.33 ± 0.12
bn140402007	1.53E-07 ± 1.54E-08	3.27 ± 0.49	2.26 ± 0.23	0.74 ± 0.09
bn140404030	1.15E-06 ± 3.91E-08	1.07 ± 0.44	0.86 ± 0.20	0.63 ± 0.08
bn140404171	4.53E-06 ± 1.21E-08	2.26 ± 0.39	1.71 ± 0.18	1.46 ± 0.09
bn140404900	2.71E-06 ± 2.04E-08	2.02 ± 0.40	1.66 ± 0.20	1.33 ± 0.09
bn140405033	1.46E-06 ± 1.87E-08	1.87 ± 0.45	1.16 ± 0.19	0.89 ± 0.09
bn140406120	5.84E-06 ± 5.77E-08	4.12 ± 0.71	3.16 ± 0.30	1.82 ± 0.12
bn140406144	1.51E-06 ± 5.23E-08	1.26 ± 0.41	0.69 ± 0.16	0.50 ± 0.08
bn140408553	4.06E-07 ± 2.74E-08	1.39 ± 0.46	0.87 ± 0.17	0.73 ± 0.09
bn140414693	3.61E-06 ± 2.12E-08	3.34 ± 0.44	2.66 ± 0.20	2.17 ± 0.09
bn140416060	4.20E-05 ± 1.95E-07	53.74 ± 3.26	49.06 ± 1.56	34.80 ± 0.65
bn140422194	2.21E-06 ± 5.48E-08	1.71 ± 0.45	0.86 ± 0.21	0.63 ± 0.10
bn140423356	1.14E-05 ± 6.80E-08	2.23 ± 0.44	1.72 ± 0.21	1.38 ± 0.10
bn140426515	1.20E-06 ± 1.72E-08	1.44 ± 0.38	0.75 ± 0.18	0.60 ± 0.08
bn140427702	2.74E-07 ± 3.44E-08	1.90 ± 0.74	1.02 ± 0.33	0.61 ± 0.12
bn140428906	3.60E-07 ± 1.09E-08	10.71 ± 1.35	5.43 ± 0.50	1.70 ± 0.14
bn140429975	3.20E-07 ± 1.13E-08	1.24 ± 0.40	0.72 ± 0.20	0.56 ± 0.09
bn140430716	5.50E-06 ± 8.72E-08	7.35 ± 0.97	6.30 ± 0.48	5.43 ± 0.22

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140501139	9.64E-08 ± 1.07E-08	2.84 ± 0.72	1.76 ± 0.26	0.46 ± 0.10
bn140501497	3.97E-06 ± 2.44E-08	4.91 ± 0.78	4.26 ± 0.38	3.52 ± 0.17
bn140502354	1.14E-06 ± 1.91E-08	1.54 ± 0.36	1.08 ± 0.17	0.74 ± 0.08
bn140506880	3.22E-06 ± 4.86E-08	13.62 ± 1.49	10.31 ± 0.66	6.39 ± 0.28
bn140508128	3.09E-05 ± 6.22E-08	41.40 ± 2.53	39.49 ± 1.24	31.45 ± 0.55
bn140508179	2.02E-06 ± 4.46E-08	2.72 ± 0.98	1.58 ± 0.42	1.23 ± 0.20
bn140508629	1.38E-06 ± 2.49E-08	1.63 ± 0.34	1.17 ± 0.16	0.88 ± 0.07
bn140511095	2.31E-07 ± 1.88E-08	5.32 ± 0.55	3.21 ± 0.22	1.10 ± 0.08
bn140511995	3.72E-06 ± 2.09E-08	3.07 ± 0.62	1.87 ± 0.26	1.43 ± 0.11
bn140512814	1.50E-05 ± 4.45E-08	6.77 ± 0.65	6.24 ± 0.29	4.84 ± 0.12
bn140513724	2.26E-06 ± 3.13E-08	2.85 ± 0.46	2.32 ± 0.22	1.83 ± 0.10
bn140516700	1.61E-06 ± 1.80E-08	1.46 ± 0.40	1.27 ± 0.19	0.70 ± 0.08
bn140516765	3.58E-06 ± 6.58E-08	3.92 ± 0.55	3.20 ± 0.28	2.46 ± 0.13
bn140517813	2.72E-06 ± 2.27E-08	2.58 ± 0.57	1.88 ± 0.21	1.54 ± 0.10
bn140518709	1.86E-07 ± 2.33E-08	2.56 ± 0.90	1.68 ± 0.37	1.02 ± 0.16
bn140519043	2.14E-06 ± 1.96E-08	1.56 ± 0.42	1.09 ± 0.20	0.84 ± 0.09
bn140521184	1.41E-06 ± 2.12E-08	1.22 ± 0.38	0.63 ± 0.14	0.46 ± 0.06
bn140521732	1.50E-06 ± 2.53E-08	3.06 ± 0.58	2.46 ± 0.25	1.91 ± 0.11
bn140523129	2.71E-05 ± 2.47E-08	28.24 ± 1.37	25.31 ± 0.68	20.50 ± 0.28
bn140526449	3.81E-06 ± 1.89E-08	3.93 ± 0.54	1.13 ± 0.20	0.77 ± 0.07
bn140526571	8.00E-08 ± 6.38E-09	2.75 ± 0.61	1.49 ± 0.23	0.36 ± 0.07
bn140528837	1.24E-05 ± 2.62E-08	10.80 ± 0.85	9.34 ± 0.44	7.89 ± 0.20
bn140603476	1.21E-05 ± 1.60E-07	2.15 ± 0.42	1.68 ± 0.22	1.37 ± 0.10
bn140605377	2.57E-07 ± 4.62E-09	5.08 ± 0.66	3.62 ± 0.27	1.11 ± 0.09
bn140606133	3.75E-06 ± 2.42E-08	6.06 ± 0.66	5.72 ± 0.29	5.24 ± 0.13
bn140608153	6.76E-06 ± 1.19E-07	3.23 ± 0.92	2.09 ± 0.44	1.64 ± 0.20
bn140608713	1.15E-06 ± 3.40E-08	5.75 ± 1.03	5.16 ± 0.49	3.09 ± 0.18
bn140610487	1.49E-07 ± 1.96E-08	2.33 ± 0.66	1.82 ± 0.24	0.73 ± 0.10
bn140610548	1.05E-05 ± 2.82E-08	5.38 ± 0.64	4.79 ± 0.30	4.34 ± 0.15
bn140610689	6.26E-06 ± 6.04E-08	1.70 ± 0.47	0.87 ± 0.18	0.51 ± 0.07
bn140612294	2.40E-06 ± 4.78E-08	1.69 ± 0.41	1.37 ± 0.20	1.00 ± 0.08
bn140616165	1.85E-07 ± 2.24E-08	6.29 ± 1.01	4.05 ± 0.35	1.31 ± 0.11
bn140619475	4.87E-07 ± 3.41E-08	3.35 ± 0.48	2.64 ± 0.23	1.67 ± 0.14
bn140619490	1.28E-07 ± 2.67E-08	5.95 ± 0.97	2.18 ± 0.38	0.74 ± 0.16
bn140620219	3.43E-06 ± 3.32E-08	2.97 ± 0.63	2.27 ± 0.30	1.88 ± 0.14
bn140621827	2.73E-06 ± 2.86E-08	19.10 ± 1.21	9.36 ± 0.45	4.53 ± 0.17
bn140623224	1.69E-06 ± 2.55E-08	1.35 ± 0.39	0.87 ± 0.16	0.56 ± 0.07
bn140624423	1.53E-07 ± 5.13E-09	9.12 ± 0.62	2.83 ± 0.21	0.71 ± 0.07
bn140626843	6.33E-07 ± 2.08E-08	4.73 ± 0.81	3.10 ± 0.31	2.28 ± 0.15
bn140627401	3.79E-07 ± 2.91E-08	1.36 ± 0.40	0.87 ± 0.17	0.57 ± 0.08

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140628626	8.26E-07 ± 3.44E-08	1.67 ± 0.53	0.83 ± 0.22	0.47 ± 0.07
bn140628704	9.98E-07 ± 5.34E-08	1.61 ± 0.63	0.90 ± 0.22	0.62 ± 0.10
bn140630505	4.42E-06 ± 4.18E-08	1.88 ± 0.45	1.22 ± 0.19	0.87 ± 0.09
bn140701567	1.61E-06 ± 2.73E-08	2.21 ± 0.62	1.28 ± 0.23	0.98 ± 0.11
bn140701833	1.53E-06 ± 2.80E-08	8.55 ± 0.78	6.75 ± 0.36	4.01 ± 0.14
bn140703026	4.33E-06 ± 2.90E-08	2.66 ± 0.46	2.23 ± 0.21	1.97 ± 0.10
bn140705539	1.71E-06 ± 2.59E-08	1.76 ± 0.45	0.87 ± 0.16	0.80 ± 0.08
bn140706815	1.32E-06 ± 4.12E-08	1.47 ± 0.40	1.05 ± 0.20	0.72 ± 0.09
bn140709051	3.99E-06 ± 8.52E-08	2.44 ± 0.55	1.78 ± 0.26	1.47 ± 0.12
bn140709637	4.21E-06 ± 3.40E-08	1.73 ± 0.40	1.19 ± 0.18	0.87 ± 0.08
bn140710537	2.10E-07 ± 3.82E-09	4.63 ± 0.86	2.68 ± 0.33	0.93 ± 0.13
bn140710901	6.20E-07 ± 2.91E-08	1.34 ± 0.48	0.72 ± 0.23	0.46 ± 0.09
bn140711691	1.55E-06 ± 7.25E-08	1.71 ± 0.49	0.86 ± 0.21	0.45 ± 0.10
bn140712706	1.31E-06 ± 5.08E-08	1.61 ± 0.40	0.88 ± 0.15	0.63 ± 0.08
bn140712973	2.92E-06 ± 7.66E-08	2.72 ± 0.67	2.02 ± 0.28	1.57 ± 0.12
bn140713780	4.31E-07 ± 2.05E-08	1.94 ± 0.50	1.54 ± 0.23	1.14 ± 0.10
bn140714268	1.09E-05 ± 1.50E-08	6.28 ± 0.64	5.36 ± 0.30	4.98 ± 0.15
bn140715231	5.36E-06 ± 2.74E-08	3.28 ± 0.56	2.43 ± 0.24	2.10 ± 0.12
bn140716306	1.34E-07 ± 1.78E-08	2.26 ± 0.43	1.77 ± 0.21	1.25 ± 0.10
bn140716436	6.82E-06 ± 5.34E-08	7.42 ± 1.03	6.32 ± 0.49	4.84 ± 0.22
bn140717827	3.03E-06 ± 3.73E-08	1.48 ± 0.44	0.86 ± 0.19	0.53 ± 0.07
bn140720158	7.25E-08 ± 7.69E-09	2.98 ± 0.67	1.55 ± 0.24	0.40 ± 0.09
bn140720280	1.02E-06 ± 1.35E-08	1.42 ± 0.34	0.83 ± 0.15	0.58 ± 0.07
bn140721336	2.98E-05 ± 1.22E-07	8.09 ± 0.99	6.78 ± 0.47	5.90 ± 0.23
bn140723067	5.67E-06 ± 3.67E-08	3.34 ± 0.67	2.57 ± 0.28	2.15 ± 0.12
bn140723499	9.91E-06 ± 6.39E-08	4.65 ± 0.62	3.72 ± 0.29	3.26 ± 0.14
bn140724533	8.25E-08 ± 7.81E-09	2.57 ± 0.52	1.24 ± 0.21	0.53 ± 0.07
bn140725583	9.05E-07 ± 1.61E-08	1.67 ± 0.37	1.35 ± 0.18	1.15 ± 0.09
bn140727748	8.05E-07 ± 3.01E-08	1.49 ± 0.45	0.94 ± 0.18	0.74 ± 0.09
bn140729026	3.37E-06 ± 3.66E-08	3.56 ± 0.56	2.55 ± 0.26	1.82 ± 0.11
bn140801792	8.79E-06 ± 2.18E-08	20.63 ± 0.95	15.72 ± 0.42	11.54 ± 0.18
bn140807500	5.09E-07 ± 7.90E-09	9.14 ± 0.91	7.57 ± 0.42	2.65 ± 0.13
bn140808038	2.20E-06 ± 1.67E-08	6.14 ± 0.73	5.05 ± 0.34	4.62 ± 0.16
bn140809133	9.74E-07 ± 2.59E-08	1.24 ± 0.31	0.74 ± 0.14	0.54 ± 0.07
bn140810782	5.69E-05 ± 3.83E-08	21.20 ± 1.46	18.56 ± 0.69	16.96 ± 0.33
bn140817229	1.35E-06 ± 3.56E-08	2.34 ± 0.60	1.50 ± 0.30	1.15 ± 0.14
bn140817293	3.09E-06 ± 2.07E-08	8.60 ± 1.18	7.70 ± 0.54	4.99 ± 0.22
bn140818229	1.85E-05 ± 4.72E-08	5.24 ± 0.54	4.56 ± 0.26	4.14 ± 0.13
bn140818781	4.72E-07 ± 1.52E-08	0.54 ± 0.38	0.39 ± 0.09	0.26 ± 0.04
bn140819160	1.30E-07 ± 1.04E-08	2.85 ± 0.49	1.91 ± 0.23	1.12 ± 0.09

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn140821997	2.56E-05 ± 5.51E-08	11.74 ± 0.97	11.16 ± 0.63	9.79 ± 0.31
bn140824548	1.31E-06 ± 1.29E-08	5.15 ± 1.17	3.73 ± 0.50	3.00 ± 0.24
bn140824606	7.90E-06 ± 4.10E-08	7.92 ± 0.64	6.17 ± 0.30	3.42 ± 0.12
bn140825328	4.36E-06 ± 3.87E-08	3.19 ± 0.49	2.58 ± 0.23	1.49 ± 0.09
bn140825980	5.64E-07 ± 2.06E-08	1.66 ± 0.57	1.22 ± 0.27	1.07 ± 0.13
bn140827763	6.89E-06 ± 1.82E-08	8.64 ± 0.76	7.42 ± 0.37	6.35 ± 0.17
bn140828288	1.88E-06 ± 7.96E-08	1.67 ± 0.38	1.04 ± 0.15	0.88 ± 0.08
bn140829880	3.15E-06 ± 7.44E-08	1.67 ± 0.52	1.02 ± 0.22	0.81 ± 0.11
bn140831215	2.48E-08 ± 9.60E-09	1.24 ± 0.51	0.49 ± 0.13	0.24 ± 0.07
bn140831374	5.75E-07 ± 1.67E-08	2.65 ± 0.52	2.46 ± 0.29	1.95 ± 0.13
bn140901262	1.66E-06 ± 1.39E-08	1.71 ± 0.45	1.34 ± 0.18	1.12 ± 0.08
bn140901821	9.83E-07 ± 1.77E-08	25.14 ± 1.40	16.14 ± 0.67	4.22 ± 0.18
bn140905454	1.67E-05 ± 3.37E-08	3.09 ± 0.46	2.11 ± 0.22	1.82 ± 0.10
bn140906175	8.66E-07 ± 2.29E-08	1.39 ± 0.49	1.00 ± 0.21	0.70 ± 0.08
bn140906429	4.80E-06 ± 3.81E-08	6.87 ± 0.58	6.34 ± 0.29	4.83 ± 0.13
bn140907429	6.99E-07 ± 1.01E-07	1.15 ± 0.89	0.98 ± 0.24	0.52 ± 0.12
bn140907672	3.87E-06 ± 3.58E-08	2.88 ± 0.49	1.81 ± 0.21	1.59 ± 0.10
bn140911012	3.66E-06 ± 4.48E-08	2.94 ± 0.69	2.06 ± 0.28	1.21 ± 0.12
bn140912664	3.38E-07 ± 1.15E-08	2.50 ± 0.44	1.54 ± 0.21	1.23 ± 0.10
bn140916234	2.35E-06 ± 3.91E-08	4.34 ± 0.77	3.46 ± 0.37	2.61 ± 0.17
bn140917512	2.97E-06 ± 2.71E-08	5.25 ± 0.82	4.53 ± 0.34	3.52 ± 0.15
bn140918379	1.10E-06 ± 3.28E-08	1.01 ± 0.39	0.61 ± 0.15	0.42 ± 0.07
bn140919636	5.31E-06 ± 1.30E-08	2.58 ± 0.41	2.52 ± 0.20	2.08 ± 0.10
bn140928100	1.22E-06 ± 1.27E-08	6.16 ± 0.68	5.76 ± 0.33	3.71 ± 0.14
bn140928437	1.70E-06 ± 4.56E-08	3.37 ± 0.61	2.80 ± 0.31	2.18 ± 0.14
bn140929677	9.39E-07 ± 2.51E-08	1.14 ± 0.39	0.85 ± 0.18	0.54 ± 0.07
bn140930134	1.26E-07 ± 1.17E-08	1.93 ± 0.37	0.89 ± 0.13	0.54 ± 0.05
bn141003564	9.17E-07 ± 2.23E-08	3.08 ± 0.60	2.06 ± 0.29	1.77 ± 0.16
bn141003788	8.31E-07 ± 2.83E-08	1.90 ± 0.43	1.55 ± 0.21	0.99 ± 0.10
bn141004150	2.29E-06 ± 1.29E-08	3.97 ± 0.51	3.51 ± 0.25	3.16 ± 0.12
bn141004973	6.79E-07 ± 2.09E-08	6.66 ± 0.85	4.86 ± 0.38	2.73 ± 0.16
bn141005217	1.65E-06 ± 1.71E-08	5.64 ± 0.76	4.60 ± 0.37	3.69 ± 0.18
bn141005535	4.02E-07 ± 2.23E-08	1.58 ± 0.46	1.27 ± 0.22	0.81 ± 0.09
bn141011282	3.63E-07 ± 4.23E-09	16.06 ± 1.09	6.51 ± 0.37	1.74 ± 0.11
bn141011467	1.36E-06 ± 1.60E-08	3.68 ± 0.60	2.82 ± 0.28	2.01 ± 0.12
bn141012773	3.29E-06 ± 2.28E-08	2.52 ± 0.37	2.20 ± 0.20	1.65 ± 0.10
bn141013803	4.83E-06 ± 1.12E-07	2.57 ± 0.64	1.47 ± 0.24	1.05 ± 0.11
bn141016897	2.12E-06 ± 2.67E-08	3.96 ± 0.50	3.67 ± 0.24	3.39 ± 0.12
bn141020439	5.22E-08 ± 7.09E-09	0.66 ± 0.21	0.48 ± 0.10	0.34 ± 0.06
bn141022061	3.14E-07 ± 1.26E-08	1.42 ± 0.42	1.01 ± 0.20	0.57 ± 0.09

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn141022087	3.99E-05 ± 4.95E-08	53.76 ± 3.70	46.20 ± 1.73	33.07 ± 0.73
bn141026742	2.25E-07 ± 4.87E-09	2.02 ± 0.41	1.32 ± 0.18	0.88 ± 0.07
bn141028455	1.73E-05 ± 5.19E-08	10.20 ± 0.84	9.40 ± 0.42	8.62 ± 0.20
bn141029134	2.25E-05 ± 3.12E-08	13.39 ± 0.73	12.67 ± 0.36	10.58 ± 0.17
bn141030746	1.37E-06 ± 2.67E-08	2.69 ± 0.58	1.81 ± 0.27	1.53 ± 0.14
bn141031257	8.69E-07 ± 2.00E-08	1.45 ± 0.35	0.81 ± 0.14	0.52 ± 0.06
bn141031304	2.74E-06 ± 2.71E-08	1.96 ± 0.44	1.46 ± 0.19	1.21 ± 0.09
bn141031998	6.55E-08 ± 1.31E-08	2.78 ± 0.39	1.60 ± 0.19	0.38 ± 0.07
bn141102112	3.08E-08 ± 7.81E-09	0.08 ± 0.04	0.03 ± 0.02	0.01 ± 0.01
bn141102536	6.53E-07 ± 2.10E-08	7.82 ± 0.70	5.14 ± 0.30	2.35 ± 0.11
bn141102779	4.61E-07 ± 2.13E-08	1.44 ± 0.37	1.11 ± 0.18	0.86 ± 0.09
bn141105358	1.02E-06 ± 1.57E-08	3.32 ± 0.66	2.48 ± 0.28	1.58 ± 0.12
bn141105406	4.41E-07 ± 1.48E-08	6.53 ± 0.75	4.57 ± 0.33	2.09 ± 0.11
bn141109447	2.96E-06 ± 5.26E-08	2.47 ± 0.63	1.92 ± 0.32	1.33 ± 0.15
bn141110232	1.39E-06 ± 1.83E-08	1.23 ± 0.43	1.15 ± 0.21	0.60 ± 0.08
bn141111435	1.32E-07 ± 2.09E-08	1.35 ± 0.33	1.00 ± 0.16	0.61 ± 0.08
bn141112539	1.17E-05 ± 6.52E-08	1.96 ± 0.50	0.92 ± 0.20	0.75 ± 0.09
bn141112828	9.73E-07 ± 1.25E-08	1.98 ± 0.44	1.52 ± 0.21	1.11 ± 0.09
bn141113346	1.12E-07 ± 1.30E-08	2.93 ± 0.41	1.55 ± 0.17	0.65 ± 0.07
bn141114687	1.74E-06 ± 1.67E-08	1.88 ± 0.54	0.95 ± 0.22	0.81 ± 0.11
bn141118678	1.71E-06 ± 1.52E-08	5.36 ± 0.59	4.82 ± 0.31	3.62 ± 0.14
bn141121414	5.15E-07 ± 2.19E-08	1.94 ± 0.37	1.50 ± 0.19	1.16 ± 0.09
bn141122087	1.60E-07 ± 1.27E-08	4.19 ± 0.60	2.82 ± 0.27	0.84 ± 0.10
bn141122875	1.43E-06 ± 8.89E-08	1.22 ± 0.43	0.82 ± 0.19	0.56 ± 0.08
bn141122956	1.12E-07 ± 1.71E-08	0.86 ± 0.31	0.62 ± 0.14	0.34 ± 0.06
bn141124277	2.38E-07 ± 2.91E-08	2.71 ± 0.78	2.02 ± 0.33	1.13 ± 0.15
bn141126233	2.02E-07 ± 1.29E-08	1.88 ± 0.44	1.36 ± 0.16	0.90 ± 0.07
bn141128962	1.13E-07 ± 8.01E-09	6.17 ± 0.66	2.87 ± 0.24	0.77 ± 0.08
bn141202470	1.46E-06 ± 1.27E-08	6.03 ± 0.71	5.36 ± 0.35	4.32 ± 0.16
bn141205018	8.54E-07 ± 2.34E-08	2.47 ± 0.67	1.89 ± 0.32	1.14 ± 0.15
bn141205337	3.64E-07 ± 2.21E-08	3.50 ± 0.87	2.57 ± 0.39	1.46 ± 0.16
bn141205763	3.50E-06 ± 3.84E-08	12.27 ± 1.09	10.86 ± 0.52	8.10 ± 0.23
bn141206254	3.17E-07 ± 1.36E-08	1.37 ± 0.37	1.07 ± 0.18	0.73 ± 0.08
bn141207800	9.99E-06 ± 3.14E-08	5.33 ± 0.45	4.29 ± 0.23	3.66 ± 0.12
bn141208038	9.78E-07 ± 1.52E-08	2.06 ± 0.57	1.26 ± 0.22	0.79 ± 0.08
bn141208632	1.06E-07 ± 2.11E-08	2.11 ± 0.45	1.05 ± 0.18	0.65 ± 0.07
bn141209131	3.19E-06 ± 3.28E-08	2.47 ± 0.48	1.89 ± 0.22	1.29 ± 0.10
bn141213300	3.68E-07 ± 9.85E-09	6.32 ± 0.71	5.37 ± 0.32	2.00 ± 0.11
bn141215560	1.39E-05 ± 3.55E-08	18.65 ± 1.53	16.47 ± 0.74	12.28 ± 0.33
bn141220252	3.27E-06 ± 1.93E-08	8.60 ± 0.62	7.96 ± 0.31	6.28 ± 0.14

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn141221338	2.14E-06 ± 3.15E-08	3.42 ± 0.62	3.10 ± 0.31	2.25 ± 0.14
bn141221897	4.61E-06 ± 3.97E-08	2.88 ± 0.46	2.04 ± 0.21	1.72 ± 0.10
bn141222298	3.36E-06 ± 1.33E-08	41.44 ± 1.15	21.01 ± 0.36	12.97 ± 0.16
bn141222691	1.26E-05 ± 1.84E-08	9.13 ± 0.69	8.59 ± 0.34	7.95 ± 0.17
bn141223240	1.01E-06 ± 2.53E-08	1.30 ± 0.43	0.72 ± 0.20	0.56 ± 0.09
bn141225959	2.17E-06 ± 2.03E-08	2.30 ± 0.52	1.74 ± 0.24	1.32 ± 0.11
bn141226880	1.80E-06 ± 3.64E-08	1.50 ± 0.39	1.02 ± 0.18	0.73 ± 0.08
bn141229492	2.72E-06 ± 3.79E-08	7.04 ± 0.92	6.39 ± 0.44	5.25 ± 0.20
bn141229911	2.11E-06 ± 3.11E-08	1.50 ± 0.36	1.16 ± 0.16	0.90 ± 0.08
bn141230142	8.43E-07 ± 2.80E-08	3.45 ± 0.90	2.95 ± 0.40	1.78 ± 0.16
bn141230834	1.77E-06 ± 1.70E-08	1.55 ± 0.37	1.05 ± 0.15	0.92 ± 0.07
bn141230871	9.21E-08 ± 8.33E-09	3.46 ± 0.46	2.24 ± 0.20	0.64 ± 0.07
bn150101270	4.63E-08 ± 5.20E-09	2.97 ± 0.54	0.91 ± 0.17	0.24 ± 0.07
bn150101641	8.81E-08 ± 7.78E-09	3.04 ± 0.50	1.03 ± 0.16	0.29 ± 0.06
bn150105257	1.69E-05 ± 3.97E-08	13.10 ± 0.85	12.08 ± 0.41	8.43 ± 0.18
bn150106921	5.48E-07 ± 2.14E-08	1.32 ± 0.41	0.74 ± 0.20	0.49 ± 0.09
bn150110433	4.18E-06 ± 2.75E-08	3.15 ± 0.51	2.53 ± 0.22	2.22 ± 0.10
bn150110923	3.17E-07 ± 1.61E-08	1.75 ± 0.36	1.05 ± 0.17	0.82 ± 0.09
bn150118409	5.29E-05 ± 5.80E-08	23.57 ± 1.06	20.30 ± 0.52	19.09 ± 0.25
bn150118927	3.62E-07 ± 5.65E-09	20.88 ± 1.15	8.94 ± 0.39	2.42 ± 0.12
bn150120123	1.80E-07 ± 9.38E-09	1.83 ± 0.52	1.72 ± 0.25	0.81 ± 0.09
bn150120685	1.01E-06 ± 2.12E-08	1.85 ± 0.49	1.52 ± 0.24	1.01 ± 0.11
bn150122960	1.65E-06 ± 3.30E-08	2.05 ± 0.57	1.61 ± 0.24	1.31 ± 0.11
bn150126868	1.41E-05 ± 2.88E-08	5.71 ± 0.77	4.92 ± 0.36	4.06 ± 0.16
bn150127398	4.36E-06 ± 2.97E-08	7.09 ± 1.18	5.86 ± 0.48	3.05 ± 0.17
bn150127589	3.22E-05 ± 4.40E-08	7.90 ± 0.72	6.97 ± 0.30	6.24 ± 0.14
bn150127935	9.29E-07 ± 8.10E-08	1.30 ± 0.46	0.87 ± 0.20	0.44 ± 0.09
bn150128624	1.13E-07 ± 2.77E-08	7.58 ± 1.28	2.80 ± 0.42	0.72 ± 0.16
bn150128791	6.08E-06 ± 5.58E-08	3.08 ± 0.53	2.41 ± 0.23	1.88 ± 0.11
bn150131335	8.58E-07 ± 1.44E-08	2.42 ± 0.41	2.18 ± 0.20	1.83 ± 0.10
bn150131951	1.41E-06 ± 4.71E-08	3.15 ± 0.87	2.34 ± 0.37	1.94 ± 0.16
bn150201040	4.21E-08 ± 1.25E-08	1.21 ± 0.30	0.77 ± 0.14	0.37 ± 0.07
bn150201574	3.75E-05 ± 2.52E-08	49.25 ± 1.47	45.60 ± 0.71	39.17 ± 0.31
bn150201590	1.25E-06 ± 1.92E-08	1.35 ± 0.38	0.84 ± 0.18	0.62 ± 0.08
bn150202999	1.74E-05 ± 5.21E-08	12.74 ± 0.95	12.40 ± 0.47	10.93 ± 0.21
bn150203173	9.69E-07 ± 3.36E-08	1.31 ± 0.53	0.87 ± 0.25	0.54 ± 0.12
bn150203545	2.20E-06 ± 1.14E-08	4.18 ± 0.74	2.90 ± 0.31	1.75 ± 0.14
bn150204272	9.85E-07 ± 1.84E-08	1.39 ± 0.35	1.02 ± 0.16	0.86 ± 0.08
bn150206285	1.73E-06 ± 2.14E-08	2.61 ± 0.56	1.50 ± 0.23	1.22 ± 0.09
bn150206407	7.56E-07 ± 1.63E-08	2.53 ± 0.49	2.02 ± 0.24	1.61 ± 0.11

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150208573	2.72E-07 ± 2.04E-08	1.23 ± 0.42	0.76 ± 0.19	0.51 ± 0.09
bn150208929	1.76E-08 ± 6.56E-09	1.71 ± 0.38	0.73 ± 0.14	0.15 ± 0.06
bn150210935	7.08E-06 ± 1.36E-08	11.04 ± 0.83	9.37 ± 0.38	7.78 ± 0.16
bn150211239	4.25E-07 ± 3.23E-08	1.22 ± 0.39	0.75 ± 0.19	0.55 ± 0.09
bn150213001	1.43E-05 ± 9.65E-09	72.30 ± 1.77	66.50 ± 0.85	49.08 ± 0.37
bn150214293	1.29E-07 ± 8.77E-09	3.29 ± 0.56	2.36 ± 0.21	0.69 ± 0.08
bn150215026	1.15E-07 ± 1.67E-08	1.74 ± 0.44	1.26 ± 0.20	0.60 ± 0.09
bn150216415	1.21E-06 ± 2.01E-08	0.90 ± 0.31	0.70 ± 0.16	0.41 ± 0.06
bn150219522	4.63E-06 ± 2.24E-08	2.68 ± 0.63	1.95 ± 0.26	1.69 ± 0.13
bn150220598	1.40E-05 ± 4.70E-08	9.61 ± 0.75	8.69 ± 0.38	7.87 ± 0.19
bn150222450	1.07E-05 ± 4.00E-08	7.00 ± 0.86	6.00 ± 0.44	5.60 ± 0.21
bn150222832	2.05E-06 ± 4.94E-08	1.36 ± 0.46	0.88 ± 0.18	0.55 ± 0.05
bn150226223	6.18E-07 ± 1.49E-08	6.18 ± 0.50	5.50 ± 0.27	3.50 ± 0.11
bn150226545	4.94E-06 ± 2.78E-08	3.45 ± 0.55	2.85 ± 0.26	2.38 ± 0.12
bn150226948	4.73E-07 ± 1.19E-08	1.55 ± 0.38	0.79 ± 0.15	0.59 ± 0.07
bn150227702	1.24E-06 ± 2.21E-08	2.28 ± 0.40	1.17 ± 0.17	0.84 ± 0.08
bn150228845	2.07E-06 ± 1.03E-08	7.96 ± 0.89	5.78 ± 0.32	5.02 ± 0.15
bn150228981	6.67E-06 ± 1.55E-08	3.97 ± 0.56	3.59 ± 0.26	3.06 ± 0.12
bn150301045	9.53E-08 ± 6.54E-09	3.82 ± 0.67	1.68 ± 0.25	0.55 ± 0.08
bn150301818	1.77E-06 ± 1.61E-08	2.53 ± 0.40	1.89 ± 0.19	1.70 ± 0.09
bn150303516	2.90E-07 ± 9.22E-09	1.70 ± 0.36	1.64 ± 0.18	0.84 ± 0.08
bn150305724	7.69E-07 ± 3.18E-08	1.55 ± 0.34	1.26 ± 0.19	0.99 ± 0.09
bn150306993	1.73E-05 ± 4.66E-08	14.42 ± 1.86	13.30 ± 0.89	11.96 ± 0.43
bn150309958	2.50E-05 ± 1.16E-07	8.77 ± 0.66	7.93 ± 0.33	7.49 ± 0.16
bn150312403	1.01E-07 ± 1.18E-08	3.58 ± 0.51	1.77 ± 0.21	0.54 ± 0.08
bn150313657	4.01E-07 ± 3.20E-08	2.07 ± 0.52	1.49 ± 0.25	1.22 ± 0.12
bn150314205	4.14E-05 ± 6.46E-08	40.64 ± 1.29	40.08 ± 0.64	36.41 ± 0.30
bn150316400	6.84E-08 ± 1.00E-08	0.64 ± 0.22	0.41 ± 0.10	0.29 ± 0.05
bn150318521	2.25E-06 ± 2.88E-08	1.80 ± 0.46	0.83 ± 0.17	0.56 ± 0.07
bn150319271	4.64E-06 ± 1.98E-08	5.63 ± 0.80	4.49 ± 0.42	3.84 ± 0.19
bn150320462	1.31E-07 ± 2.35E-08	7.85 ± 1.49	2.61 ± 0.50	0.72 ± 0.20
bn150322066	1.87E-06 ± 1.46E-08	2.36 ± 0.38	2.14 ± 0.19	1.79 ± 0.09
bn150323395	1.07E-05 ± 3.72E-08	4.14 ± 0.52	3.45 ± 0.22	3.23 ± 0.11
bn150323712	1.02E-06 ± 1.40E-08	0.78 ± 0.23	0.59 ± 0.11	0.42 ± 0.06
bn150324164	2.00E-06 ± 1.36E-08	4.75 ± 0.58	3.65 ± 0.28	3.02 ± 0.12
bn150324319	5.17E-06 ± 3.01E-08	4.86 ± 0.58	4.05 ± 0.27	3.72 ± 0.13
bn150325696	6.08E-08 ± 9.36E-09	4.26 ± 0.57	2.03 ± 0.24	0.54 ± 0.08
bn150326521	2.61E-07 ± 6.82E-09	1.32 ± 0.39	1.24 ± 0.18	0.80 ± 0.08
bn150326542	8.54E-07 ± 1.16E-08	3.21 ± 0.49	2.46 ± 0.22	1.93 ± 0.11
bn150329288	9.40E-07 ± 2.02E-08	1.54 ± 0.53	0.81 ± 0.18	0.57 ± 0.07

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150330828	7.02E-05 ± 3.29E-08	34.23 ± 1.32	31.92 ± 0.65	25.61 ± 0.29
bn150403913	2.55E-05 ± 3.03E-08	18.09 ± 1.28	17.53 ± 0.62	16.10 ± 0.30
bn150404733	3.38E-07 ± 1.37E-08	1.92 ± 0.54	1.58 ± 0.27	1.11 ± 0.12
bn150411026	3.43E-07 ± 2.41E-08	1.05 ± 0.32	0.77 ± 0.17	0.56 ± 0.08
bn150412507	7.66E-08 ± 6.03E-09	2.01 ± 0.39	1.46 ± 0.18	0.47 ± 0.06
bn150412931	2.24E-07 ± 1.50E-08	2.85 ± 0.50	2.34 ± 0.23	0.91 ± 0.10
bn150415029	2.10E-06 ± 2.19E-08	2.10 ± 0.43	1.58 ± 0.17	1.37 ± 0.08
bn150416773	3.39E-06 ± 3.01E-08	2.77 ± 0.54	2.39 ± 0.22	2.03 ± 0.10
bn150418819	3.15E-07 ± 1.23E-08	3.36 ± 0.52	2.19 ± 0.23	1.05 ± 0.08
bn150422294	1.26E-06 ± 2.07E-08	0.71 ± 0.19	0.56 ± 0.09	0.43 ± 0.05
bn150422703	1.64E-05 ± 5.22E-08	8.11 ± 0.58	7.48 ± 0.28	6.22 ± 0.14
bn150423285	6.45E-07 ± 2.26E-08	1.47 ± 0.54	1.02 ± 0.23	0.80 ± 0.10
bn150424403	1.96E-06 ± 3.96E-08	2.32 ± 0.59	1.58 ± 0.25	0.95 ± 0.09
bn150425617	5.45E-07 ± 2.55E-08	1.74 ± 0.43	1.44 ± 0.22	0.98 ± 0.11
bn150426594	6.32E-06 ± 4.25E-08	16.57 ± 1.45	13.10 ± 0.67	9.08 ± 0.29
bn150428305	8.48E-07 ± 2.57E-08	1.27 ± 0.48	0.80 ± 0.21	0.54 ± 0.09
bn150430015	8.05E-06 ± 3.46E-08	5.71 ± 0.85	4.96 ± 0.40	4.63 ± 0.18
bn150501017	8.71E-07 ± 1.52E-08	2.31 ± 0.48	1.91 ± 0.22	1.57 ± 0.10
bn150502435	1.42E-05 ± 5.50E-08	3.05 ± 0.46	2.67 ± 0.22	2.28 ± 0.10
bn150506398	2.17E-06 ± 9.99E-09	7.47 ± 0.74	7.25 ± 0.36	5.05 ± 0.15
bn150506630	1.84E-07 ± 8.30E-09	6.53 ± 0.85	3.13 ± 0.27	1.10 ± 0.09
bn150506972	1.43E-07 ± 5.70E-09	2.39 ± 0.50	1.83 ± 0.21	0.77 ± 0.07
bn150507026	8.52E-06 ± 5.04E-08	7.21 ± 0.68	6.03 ± 0.34	4.74 ± 0.16
bn150508945	1.44E-06 ± 1.62E-08	1.95 ± 0.56	0.94 ± 0.22	0.61 ± 0.09
bn150510139	3.14E-05 ± 3.01E-08	24.91 ± 1.07	20.57 ± 0.49	13.94 ± 0.22
bn150511362	1.84E-06 ± 3.02E-08	2.41 ± 0.53	1.70 ± 0.23	1.35 ± 0.10
bn150512432	8.26E-06 ± 5.92E-08	3.75 ± 0.66	3.37 ± 0.30	2.76 ± 0.14
bn150513856	4.16E-06 ± 4.51E-08	2.48 ± 0.49	2.20 ± 0.23	1.51 ± 0.10
bn150514774	2.53E-06 ± 2.46E-08	7.61 ± 0.55	7.11 ± 0.27	6.16 ± 0.13
bn150520893	4.67E-07 ± 2.63E-08	1.36 ± 0.36	0.77 ± 0.13	0.63 ± 0.06
bn150522433	1.29E-06 ± 2.28E-08	1.32 ± 0.40	1.02 ± 0.18	0.65 ± 0.08
bn150522944	1.12E-07 ± 5.58E-09	2.34 ± 0.55	1.44 ± 0.21	0.62 ± 0.07
bn150523396	1.32E-05 ± 2.22E-08	5.56 ± 0.67	5.26 ± 0.35	4.31 ± 0.16
bn150523690	3.08E-06 ± 6.98E-08	2.53 ± 0.91	1.63 ± 0.43	0.95 ± 0.18
bn150527283	1.40E-06 ± 2.66E-08	2.15 ± 0.42	1.22 ± 0.20	1.04 ± 0.09
bn150527662	2.90E-06 ± 2.59E-08	1.47 ± 0.36	0.97 ± 0.16	0.81 ± 0.07
bn150528656	2.57E-06 ± 2.24E-08	4.25 ± 0.43	3.95 ± 0.28	3.37 ± 0.12
bn150530488	2.21E-06 ± 2.16E-08	4.19 ± 0.64	3.75 ± 0.30	2.78 ± 0.14
bn150601904	7.20E-08 ± 9.26E-09	1.32 ± 0.40	0.94 ± 0.16	0.44 ± 0.06
bn150602840	2.97E-06 ± 1.80E-08	4.15 ± 0.58	2.89 ± 0.27	2.44 ± 0.13

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150603105	9.81E-07 ± 1.64E-08	1.51 ± 0.42	1.00 ± 0.19	0.81 ± 0.09
bn150603823	2.57E-06 ± 3.49E-08	1.64 ± 0.41	1.06 ± 0.17	0.83 ± 0.08
bn150604284	7.88E-07 ± 1.58E-08	1.60 ± 0.39	0.82 ± 0.15	0.48 ± 0.07
bn150604434	2.24E-07 ± 6.10E-09	6.22 ± 0.65	3.37 ± 0.24	1.22 ± 0.08
bn150605782	4.74E-08 ± 9.80E-09	4.16 ± 0.55	1.23 ± 0.16	0.30 ± 0.06
bn150607330	2.35E-06 ± 4.78E-08	4.13 ± 0.90	3.39 ± 0.42	2.52 ± 0.19
bn150609316	5.95E-08 ± 9.26E-09	3.28 ± 0.45	1.25 ± 0.17	0.38 ± 0.06
bn150612702	1.12E-05 ± 5.48E-08	3.03 ± 0.45	2.63 ± 0.23	2.26 ± 0.11
bn150613420	1.36E-06 ± 1.52E-08	1.57 ± 0.41	1.18 ± 0.19	0.78 ± 0.09
bn150613995	3.41E-06 ± 2.47E-08	2.55 ± 0.53	2.06 ± 0.25	1.66 ± 0.12
bn150614073	1.57E-06 ± 1.58E-08	3.98 ± 0.56	3.29 ± 0.27	2.73 ± 0.13
bn150618674	1.99E-06 ± 2.66E-08	2.81 ± 0.61	2.30 ± 0.30	1.84 ± 0.15
bn150619287	8.54E-06 ± 4.93E-08	3.93 ± 0.49	3.57 ± 0.24	3.25 ± 0.12
bn150622393	1.71E-05 ± 5.52E-08	6.85 ± 0.80	6.04 ± 0.39	4.58 ± 0.17
bn150627183	9.30E-05 ± 2.05E-07	37.62 ± 1.41	35.25 ± 0.68	28.83 ± 0.31
bn150628767	1.58E-07 ± 6.26E-09	3.07 ± 0.59	1.78 ± 0.21	0.78 ± 0.07
bn150629564	2.44E-07 ± 9.81E-09	4.16 ± 0.45	3.32 ± 0.22	1.10 ± 0.08
bn150630223	4.92E-06 ± 2.98E-08	5.69 ± 0.84	4.57 ± 0.38	4.00 ± 0.17
bn150630958	1.32E-06 ± 3.51E-08	2.12 ± 0.65	1.77 ± 0.31	1.39 ± 0.15
bn150702998	5.39E-06 ± 2.72E-08	8.28 ± 0.75	6.99 ± 0.44	4.89 ± 0.20
bn150703149	2.63E-06 ± 3.53E-08	2.04 ± 0.47	1.34 ± 0.21	0.88 ± 0.08
bn150703259	5.57E-06 ± 1.99E-08	2.31 ± 0.49	1.88 ± 0.22	1.33 ± 0.09
bn150705009	2.38E-06 ± 3.42E-08	3.85 ± 0.60	3.29 ± 0.29	2.74 ± 0.14
bn150705588	1.22E-07 ± 1.29E-08	2.85 ± 0.48	1.86 ± 0.21	0.71 ± 0.08
bn150707124	1.32E-05 ± 2.70E-08	4.35 ± 0.78	3.28 ± 0.34	2.67 ± 0.16
bn150708339	9.27E-06 ± 6.67E-08	2.07 ± 0.45	1.44 ± 0.20	1.24 ± 0.10
bn150710646	7.81E-07 ± 1.66E-08	1.24 ± 0.35	0.82 ± 0.18	0.49 ± 0.07
bn150711766	4.92E-06 ± 5.99E-08	2.52 ± 0.45	1.91 ± 0.19	1.70 ± 0.09
bn150712846	1.35E-06 ± 2.75E-08	1.42 ± 0.40	1.01 ± 0.19	0.60 ± 0.07
bn150715136	1.86E-07 ± 1.18E-08	2.07 ± 0.57	2.07 ± 0.28	0.83 ± 0.10
bn150716552	6.11E-07 ± 1.63E-08	2.08 ± 0.50	1.13 ± 0.20	0.83 ± 0.09
bn150717795	7.09E-07 ± 1.45E-08	2.16 ± 0.48	1.46 ± 0.23	1.30 ± 0.11
bn150718656	6.93E-07 ± 1.55E-08	2.78 ± 0.50	1.77 ± 0.22	1.38 ± 0.10
bn150721242	7.99E-06 ± 2.36E-08	7.67 ± 0.64	6.80 ± 0.31	6.38 ± 0.15
bn150721431	8.68E-08 ± 1.06E-08	3.21 ± 0.59	1.48 ± 0.23	0.54 ± 0.09
bn150721732	7.71E-07 ± 1.89E-08	2.06 ± 0.57	1.61 ± 0.31	1.22 ± 0.14
bn150723608	1.27E-06 ± 1.45E-08	1.58 ± 0.44	1.13 ± 0.19	0.85 ± 0.08
bn150724398	1.34E-06 ± 2.37E-08	1.83 ± 0.43	1.26 ± 0.18	0.80 ± 0.08
bn150724782	1.03E-05 ± 2.20E-08	5.68 ± 0.58	5.17 ± 0.28	4.50 ± 0.13
bn150726877	4.01E-06 ± 2.67E-08	2.11 ± 0.47	1.60 ± 0.22	1.39 ± 0.10

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150727793	2.51E-06 ± 3.08E-08	2.05 ± 0.54	1.38 ± 0.25	1.05 ± 0.12
bn150728151	3.85E-07 ± 1.10E-08	4.37 ± 0.60	2.66 ± 0.24	1.13 ± 0.08
bn150729517	8.32E-06 ± 2.20E-08	5.35 ± 0.50	4.65 ± 0.30	4.24 ± 0.14
bn150802127	8.27E-06 ± 3.54E-08	4.58 ± 0.84	3.77 ± 0.42	2.64 ± 0.18
bn150802207	1.04E-06 ± 1.63E-08	1.66 ± 0.54	1.48 ± 0.23	0.87 ± 0.11
bn150804806	3.73E-06 ± 2.90E-08	2.58 ± 0.53	2.23 ± 0.24	1.74 ± 0.11
bn150805445	3.57E-06 ± 3.23E-08	2.57 ± 0.61	1.84 ± 0.28	1.47 ± 0.14
bn150805746	2.01E-07 ± 4.82E-09	1.74 ± 0.48	1.42 ± 0.23	1.06 ± 0.10
bn150806348	3.86E-06 ± 3.68E-08	1.68 ± 0.41	1.32 ± 0.17	1.16 ± 0.09
bn150809516	3.42E-06 ± 2.50E-08	2.76 ± 0.51	2.14 ± 0.23	1.51 ± 0.10
bn150810485	7.33E-07 ± 1.80E-08	10.01 ± 0.73	6.55 ± 0.30	3.00 ± 0.11
bn150811849	7.88E-07 ± 2.17E-08	13.13 ± 1.15	8.30 ± 0.51	3.35 ± 0.17
bn150815604	1.44E-06 ± 3.09E-08	1.52 ± 0.39	0.86 ± 0.14	0.61 ± 0.06
bn150817087	6.55E-06 ± 2.81E-08	12.27 ± 1.12	11.91 ± 0.56	8.82 ± 0.25
bn150817251	4.15E-06 ± 5.42E-08	4.03 ± 0.96	3.28 ± 0.44	2.81 ± 0.20
bn150819440	3.30E-06 ± 9.21E-09	79.36 ± 2.74	31.20 ± 0.78	14.83 ± 0.30
bn150820880	2.02E-07 ± 8.42E-09	1.05 ± 0.28	0.91 ± 0.15	0.59 ± 0.07
bn150821406	2.79E-05 ± 1.51E-07	6.02 ± 0.78	5.44 ± 0.39	4.63 ± 0.17
bn150822178	1.47E-06 ± 1.55E-08	2.21 ± 0.46	1.81 ± 0.21	1.54 ± 0.10
bn150824079	1.14E-05 ± 2.27E-08	17.64 ± 1.08	14.38 ± 0.46	11.68 ± 0.22
bn150824125	6.79E-07 ± 1.91E-08	1.38 ± 0.46	0.87 ± 0.21	0.61 ± 0.10
bn150826557	2.09E-06 ± 1.91E-08	2.30 ± 0.54	1.53 ± 0.24	1.21 ± 0.10
bn150827785	1.05E-06 ± 1.46E-08	1.48 ± 0.40	1.07 ± 0.18	0.87 ± 0.09
bn150828333	2.23E-06 ± 2.87E-08	2.96 ± 0.46	2.30 ± 0.22	1.93 ± 0.10
bn150828901	8.28E-08 ± 1.10E-08	0.85 ± 0.32	0.43 ± 0.11	0.34 ± 0.05
bn150830128	2.03E-06 ± 1.39E-08	2.38 ± 0.48	1.55 ± 0.18	0.88 ± 0.09
bn150831930	1.43E-06 ± 1.52E-08	4.90 ± 0.74	3.93 ± 0.50	2.83 ± 0.15
bn150901924	1.01E-07 ± 1.92E-08	5.17 ± 0.79	1.93 ± 0.28	0.50 ± 0.11
bn150902733	3.89E-05 ± 2.66E-08	45.21 ± 1.42	42.16 ± 0.69	34.20 ± 0.31
bn150904479	5.63E-07 ± 1.69E-08	0.62 ± 0.19	0.37 ± 0.10	0.24 ± 0.05
bn150906944	1.85E-07 ± 6.66E-09	8.11 ± 0.79	3.81 ± 0.28	1.03 ± 0.09
bn150908408	2.12E-06 ± 3.55E-08	2.59 ± 0.45	1.80 ± 0.20	0.78 ± 0.08
bn150911315	1.49E-06 ± 2.59E-08	1.93 ± 0.54	1.93 ± 0.27	1.20 ± 0.11
bn150911588	5.55E-06 ± 4.23E-08	3.40 ± 0.57	2.80 ± 0.28	2.35 ± 0.12
bn150912443	1.90E-06 ± 3.15E-08	1.62 ± 0.43	1.19 ± 0.18	0.98 ± 0.08
bn150912600	1.64E-07 ± 7.67E-09	3.34 ± 0.58	2.49 ± 0.25	0.82 ± 0.07
bn150913161	5.69E-06 ± 3.94E-08	4.84 ± 0.53	4.22 ± 0.27	3.81 ± 0.13
bn150917148	4.71E-07 ± 2.22E-08	1.72 ± 0.60	1.19 ± 0.29	0.66 ± 0.14
bn150919606	1.47E-06 ± 3.78E-08	5.05 ± 0.56	4.48 ± 0.27	3.08 ± 0.12
bn150922234	3.45E-07 ± 9.12E-09	11.80 ± 1.00	6.16 ± 0.37	1.42 ± 0.11

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn150922718	6.30E-07 ± 3.11E-08	1.17 ± 0.36	0.91 ± 0.19	0.65 ± 0.09
bn150922883	3.68E-07 ± 8.45E-09	2.13 ± 0.58	1.33 ± 0.27	1.09 ± 0.13
bn150923297	6.72E-08 ± 1.16E-08	3.91 ± 0.50	1.71 ± 0.18	0.61 ± 0.06
bn150923429	1.28E-07 ± 1.01E-08	3.99 ± 0.58	2.30 ± 0.22	0.69 ± 0.07
bn150923864	1.07E-06 ± 7.93E-09	9.24 ± 0.61	7.83 ± 0.29	3.83 ± 0.11
bn150923995	4.59E-07 ± 1.54E-08	1.82 ± 0.33	1.30 ± 0.17	0.95 ± 0.08
bn150928359	1.91E-06 ± 2.63E-08	1.57 ± 0.41	1.10 ± 0.18	0.88 ± 0.08
bn151001348	1.09E-05 ± 6.82E-08	3.39 ± 0.53	2.66 ± 0.24	2.50 ± 0.12
bn151001628	1.49E-06 ± 3.23E-08	2.07 ± 0.51	1.36 ± 0.22	1.07 ± 0.11
bn151003729	7.26E-07 ± 2.93E-08	1.95 ± 0.63	1.13 ± 0.28	0.77 ± 0.13
bn151006413	6.84E-06 ± 2.93E-08	3.03 ± 0.46	2.33 ± 0.21	2.08 ± 0.10
bn151009949	6.96E-07 ± 1.56E-08	1.67 ± 0.56	1.12 ± 0.26	0.75 ± 0.11
bn151011136	4.46E-06 ± 4.68E-08	4.88 ± 0.77	4.33 ± 0.38	3.22 ± 0.17
bn151014592	1.62E-06 ± 1.98E-08	1.67 ± 0.42	1.51 ± 0.20	1.07 ± 0.09
bn151021791	6.97E-06 ± 1.96E-08	13.48 ± 0.98	12.58 ± 0.48	11.71 ± 0.23
bn151022577	1.58E-07 ± 1.23E-08	6.46 ± 0.87	3.31 ± 0.30	1.00 ± 0.11
bn151023104	7.64E-07 ± 9.52E-09	2.17 ± 0.56	1.45 ± 0.25	1.28 ± 0.12
bn151024179	1.56E-07 ± 1.17E-08	0.98 ± 0.29	0.69 ± 0.14	0.56 ± 0.07
bn151026169	1.10E-06 ± 2.41E-08	1.34 ± 0.46	0.70 ± 0.18	0.47 ± 0.08
bn151026523	2.30E-06 ± 3.78E-08	2.01 ± 0.59	1.31 ± 0.25	0.88 ± 0.10
bn151027166	7.56E-06 ± 3.53E-08	5.72 ± 0.63	5.33 ± 0.31	4.98 ± 0.15
bn151030999	2.60E-05 ± 2.89E-08	9.97 ± 0.73	8.95 ± 0.35	7.37 ± 0.17
bn151107851	1.58E-05 ± 6.95E-08	7.41 ± 0.63	6.74 ± 0.31	6.05 ± 0.15
bn151111356	1.26E-06 ± 1.69E-08	1.50 ± 0.42	0.85 ± 0.19	0.65 ± 0.09
bn151114645	1.17E-06 ± 2.78E-08	1.17 ± 0.34	0.58 ± 0.16	0.34 ± 0.08
bn151117442	4.86E-06 ± 3.84E-08	4.18 ± 0.57	3.35 ± 0.27	2.12 ± 0.12
bn151118554	2.65E-06 ± 4.03E-08	2.58 ± 0.45	1.84 ± 0.19	1.50 ± 0.09
bn151120349	5.12E-06 ± 1.46E-08	3.48 ± 0.49	2.73 ± 0.22	2.28 ± 0.10
bn151122709	1.29E-06 ± 4.98E-08	1.25 ± 0.41	0.81 ± 0.14	0.50 ± 0.07
bn151126293	5.33E-07 ± 1.95E-08	1.94 ± 0.45	1.10 ± 0.20	0.71 ± 0.08
bn151129333	2.23E-06 ± 4.14E-08	1.83 ± 0.39	1.34 ± 0.18	1.00 ± 0.08
bn151130160	1.40E-06 ± 1.32E-08	1.91 ± 0.38	1.61 ± 0.19	1.28 ± 0.08
bn151202565	3.21E-07 ± 1.39E-08	3.91 ± 0.70	2.91 ± 0.31	1.50 ± 0.12
bn151205657	1.02E-06 ± 2.23E-08	1.52 ± 0.35	0.85 ± 0.17	0.69 ± 0.08
bn151210041	1.71E-06 ± 2.84E-08	1.42 ± 0.42	0.90 ± 0.17	0.73 ± 0.07
bn151211672	3.65E-06 ± 1.76E-08	2.20 ± 0.42	1.97 ± 0.22	1.30 ± 0.09
bn151212030	1.19E-06 ± 3.76E-08	4.13 ± 0.75	2.64 ± 0.32	1.59 ± 0.14
bn151212064	4.45E-06 ± 1.74E-08	7.11 ± 0.61	6.63 ± 0.30	6.26 ± 0.15
bn151218857	3.80E-07 ± 1.05E-08	3.30 ± 0.49	2.70 ± 0.23	1.45 ± 0.10
bn151219567	2.48E-06 ± 3.18E-08	3.06 ± 0.52	2.60 ± 0.25	2.02 ± 0.11

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn151222340	5.82E-07 ± 1.98E-08	8.40 ± 1.28	5.71 ± 0.46	2.60 ± 0.19
bn151227072	3.01E-06 ± 1.81E-08	11.98 ± 0.84	11.06 ± 0.40	8.99 ± 0.19
bn151227218	2.11E-05 ± 8.81E-08	20.14 ± 1.17	18.70 ± 0.58	15.16 ± 0.25
bn151228129	1.49E-07 ± 2.20E-08	5.75 ± 1.28	2.73 ± 0.40	0.71 ± 0.14
bn151228949	1.99E-06 ± 1.07E-08	1.72 ± 0.54	1.72 ± 0.27	0.93 ± 0.12
bn151229285	5.84E-07 ± 7.26E-09	4.87 ± 0.57	4.20 ± 0.27	2.97 ± 0.12
bn151229486	7.99E-08 ± 4.77E-09	3.53 ± 0.78	2.16 ± 0.32	0.65 ± 0.12
bn151231443	5.04E-05 ± 1.15E-07	26.10 ± 2.62	23.86 ± 1.24	21.30 ± 0.58
bn151231568	5.34E-07 ± 9.00E-09	7.91 ± 0.84	7.00 ± 0.38	2.38 ± 0.12
bn160101030	9.91E-06 ± 1.29E-08	18.05 ± 1.06	17.09 ± 0.54	13.94 ± 0.24
bn160101215	1.06E-06 ± 1.83E-08	3.06 ± 0.57	2.01 ± 0.21	1.37 ± 0.09
bn160102500	1.12E-06 ± 8.89E-09	2.16 ± 0.42	1.88 ± 0.20	1.50 ± 0.10
bn160102936	1.95E-06 ± 1.33E-08	3.87 ± 0.53	3.23 ± 0.26	2.77 ± 0.12
bn160104475	2.31E-07 ± 1.08E-08	1.33 ± 0.38	0.52 ± 0.15	0.26 ± 0.05
bn160104918	1.46E-06 ± 2.68E-08	1.87 ± 0.50	1.35 ± 0.23	1.06 ± 0.11
bn160106948	2.18E-05 ± 4.93E-08	10.54 ± 0.98	8.90 ± 0.53	8.07 ± 0.26
bn160107931	1.30E-05 ± 5.53E-08	12.46 ± 0.74	11.42 ± 0.35	6.17 ± 0.13
bn160111115	1.25E-06 ± 2.74E-08	2.69 ± 0.43	1.82 ± 0.18	1.39 ± 0.09
bn160113398	2.09E-05 ± 1.64E-08	15.55 ± 1.14	14.41 ± 0.55	13.05 ± 0.26
bn160118060	1.73E-05 ± 3.52E-08	10.72 ± 1.03	9.93 ± 0.57	7.90 ± 0.25
bn160119072	3.67E-07 ± 1.73E-08	1.28 ± 0.43	0.90 ± 0.20	0.60 ± 0.09
bn160123095	3.95E-07 ± 1.23E-08	1.24 ± 0.41	0.60 ± 0.15	0.42 ± 0.07
bn160125368	5.66E-07 ± 1.77E-08	1.41 ± 0.53	1.35 ± 0.26	1.15 ± 0.11
bn160131116	9.41E-07 ± 1.55E-08	1.46 ± 0.50	0.97 ± 0.18	0.65 ± 0.09
bn160131174	5.47E-06 ± 5.29E-08	2.56 ± 0.71	1.89 ± 0.32	1.30 ± 0.14
bn160201883	2.70E-06 ± 4.36E-08	3.78 ± 0.70	3.12 ± 0.32	2.17 ± 0.13
bn160206430	1.58E-06 ± 2.66E-08	2.57 ± 0.53	1.68 ± 0.22	1.40 ± 0.11
bn160211119	7.94E-08 ± 6.15E-09	0.87 ± 0.31	0.69 ± 0.14	0.50 ± 0.06
bn160215773	2.26E-05 ± 3.24E-08	10.78 ± 0.91	9.75 ± 0.43	6.81 ± 0.18
bn160216801	2.60E-06 ± 9.13E-09	4.08 ± 0.41	3.66 ± 0.20	3.38 ± 0.10
bn160218711	6.96E-07 ± 1.47E-08	1.12 ± 0.36	0.58 ± 0.15	0.50 ± 0.06
bn160219289	4.27E-07 ± 3.82E-08	8.22 ± 0.77	4.09 ± 0.27	1.17 ± 0.09
bn160219673	5.36E-06 ± 2.68E-08	2.15 ± 0.41	1.77 ± 0.19	1.57 ± 0.09
bn160220059	3.36E-07 ± 5.14E-09	1.09 ± 0.30	0.70 ± 0.15	0.41 ± 0.06
bn160220868	5.26E-07 ± 3.53E-08	1.20 ± 0.40	0.71 ± 0.19	0.42 ± 0.09
bn160221993	8.65E-07 ± 1.22E-08	1.27 ± 0.28	1.02 ± 0.13	0.78 ± 0.06
bn160222070	6.74E-07 ± 1.37E-08	1.04 ± 0.30	0.66 ± 0.13	0.54 ± 0.07
bn160223072	5.36E-06 ± 2.92E-08	3.64 ± 0.47	3.09 ± 0.23	2.50 ± 0.10
bn160223416	2.16E-06 ± 4.19E-08	2.56 ± 0.51	2.11 ± 0.22	1.47 ± 0.09
bn160223670	6.95E-06 ± 2.65E-08	3.36 ± 0.70	3.06 ± 0.33	2.11 ± 0.13

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160224911	7.78E-08 ± 1.32E-08	1.73 ± 0.32	0.96 ± 0.13	0.47 ± 0.06
bn160225720	3.42E-05 ± 2.77E-07	18.96 ± 4.82	18.96 ± 2.41	12.38 ± 1.09
bn160225809	1.06E-05 ± 3.56E-08	6.58 ± 0.67	5.73 ± 0.33	5.37 ± 0.16
bn160226913	2.71E-06 ± 2.59E-08	1.71 ± 0.44	0.91 ± 0.18	0.65 ± 0.08
bn160227831	6.84E-06 ± 2.24E-08	7.66 ± 0.75	6.67 ± 0.37	5.69 ± 0.17
bn160228034	3.28E-07 ± 1.08E-08	1.02 ± 0.36	0.75 ± 0.16	0.50 ± 0.08
bn160301215	3.71E-06 ± 2.21E-08	2.36 ± 0.41	2.14 ± 0.19	1.97 ± 0.09
bn160303201	8.32E-06 ± 8.48E-08	9.84 ± 1.08	8.66 ± 0.51	5.02 ± 0.21
bn160303971	7.78E-07 ± 1.99E-08	1.73 ± 0.41	0.86 ± 0.16	0.73 ± 0.08
bn160308709	4.45E-07 ± 1.54E-08	1.00 ± 0.29	0.59 ± 0.11	0.44 ± 0.06
bn160310016	3.04E-06 ± 1.76E-08	4.92 ± 0.52	4.25 ± 0.26	3.76 ± 0.13
bn160310291	1.43E-06 ± 3.73E-08	4.75 ± 0.76	3.64 ± 0.34	2.46 ± 0.15
bn160314473	9.06E-08 ± 1.07E-08	2.78 ± 0.51	1.36 ± 0.20	0.45 ± 0.08
bn160314929	2.50E-06 ± 3.20E-08	1.83 ± 0.46	1.44 ± 0.21	1.13 ± 0.10
bn160315739	1.71E-07 ± 1.32E-08	1.22 ± 0.39	0.79 ± 0.18	0.53 ± 0.08
bn160316139	1.15E-06 ± 3.79E-08	1.71 ± 0.53	0.94 ± 0.20	0.68 ± 0.09
bn160316573	2.10E-06 ± 3.96E-08	3.04 ± 0.82	2.53 ± 0.40	1.77 ± 0.19
bn160317385	1.60E-06 ± 6.23E-08	4.59 ± 1.53	3.58 ± 0.66	2.90 ± 0.34
bn160318342	5.52E-07 ± 2.17E-08	1.08 ± 0.31	0.73 ± 0.15	0.48 ± 0.07
bn160323293	7.90E-07 ± 2.56E-08	2.34 ± 0.57	1.79 ± 0.26	1.12 ± 0.11
bn160325291	1.08E-05 ± 1.06E-07	5.37 ± 0.55	4.85 ± 0.30	4.16 ± 0.15
bn160326062	8.95E-07 ± 1.63E-08	1.89 ± 0.55	1.20 ± 0.21	0.68 ± 0.07
bn160330827	6.35E-06 ± 2.97E-08	3.09 ± 0.55	2.52 ± 0.26	2.22 ± 0.13
bn160401065	5.27E-06 ± 2.38E-08	4.23 ± 0.52	4.01 ± 0.26	3.66 ± 0.13
bn160406023	1.34E-06 ± 1.63E-08	1.38 ± 0.37	1.06 ± 0.16	0.95 ± 0.08
bn160406503	2.29E-07 ± 1.67E-08	8.21 ± 0.79	4.46 ± 0.28	1.15 ± 0.09
bn160406570	2.39E-06 ± 2.38E-08	2.37 ± 0.66	1.52 ± 0.32	1.13 ± 0.15
bn160407673	2.10E-06 ± 1.42E-08	3.59 ± 0.65	2.80 ± 0.27	1.88 ± 0.11
bn160408268	3.61E-07 ± 1.37E-08	6.72 ± 0.81	5.29 ± 0.37	2.03 ± 0.12
bn160411062	1.38E-07 ± 1.05E-08	3.06 ± 0.67	2.65 ± 0.32	1.03 ± 0.13
bn160416022	2.61E-06 ± 4.42E-08	2.26 ± 0.51	2.26 ± 0.26	1.04 ± 0.07
bn160419637	9.34E-07 ± 3.69E-08	1.99 ± 0.58	1.53 ± 0.27	0.98 ± 0.12
bn160421137	1.76E-05 ± 8.36E-08	9.39 ± 0.77	8.28 ± 0.42	6.99 ± 0.21
bn160422499	4.61E-05 ± 3.71E-08	49.47 ± 1.37	48.34 ± 0.68	42.90 ± 0.32
bn160423066	3.88E-07 ± 1.40E-08	1.60 ± 0.44	1.06 ± 0.17	0.59 ± 0.07
bn160424492	1.59E-06 ± 1.36E-08	4.54 ± 0.57	3.84 ± 0.28	3.55 ± 0.13
bn160428412	9.71E-08 ± 1.83E-08	2.12 ± 0.52	1.74 ± 0.25	0.71 ± 0.11
bn160503567	1.24E-06 ± 3.39E-08	1.92 ± 0.47	1.26 ± 0.21	0.88 ± 0.09
bn160508290	6.63E-07 ± 1.34E-08	2.37 ± 0.57	1.23 ± 0.20	0.80 ± 0.09
bn160509374	8.74E-05 ± 8.03E-08	41.59 ± 1.37	39.20 ± 0.68	33.30 ± 0.31

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160512199	5.69E-06 ± 2.35E-08	3.83 ± 0.47	3.58 ± 0.23	3.29 ± 0.11
bn160512536	1.92E-06 ± 3.44E-08	1.49 ± 0.44	0.75 ± 0.16	0.59 ± 0.06
bn160513553	1.10E-07 ± 1.91E-08	1.90 ± 0.62	1.09 ± 0.29	0.52 ± 0.13
bn160513962	1.08E-06 ± 3.78E-08	1.62 ± 0.46	0.89 ± 0.20	0.68 ± 0.10
bn160515819	3.19E-06 ± 4.83E-08	1.68 ± 0.48	1.11 ± 0.20	0.82 ± 0.08
bn160516237	1.06E-06 ± 3.02E-08	6.11 ± 1.39	4.27 ± 0.66	3.71 ± 0.33
bn160518039	2.20E-06 ± 3.04E-08	2.82 ± 0.64	2.25 ± 0.28	1.83 ± 0.13
bn160518985	1.81E-06 ± 2.12E-08	2.17 ± 0.54	1.19 ± 0.22	0.73 ± 0.09
bn160519012	1.26E-06 ± 9.90E-09	2.03 ± 0.43	1.54 ± 0.19	1.19 ± 0.09
bn160519060	1.42E-06 ± 2.39E-08	2.31 ± 0.39	1.67 ± 0.17	1.45 ± 0.08
bn160519677	6.85E-07 ± 2.42E-08	1.66 ± 0.58	1.32 ± 0.26	0.85 ± 0.11
bn160521385	7.88E-06 ± 4.20E-08	32.02 ± 1.19	29.58 ± 0.57	21.77 ± 0.24
bn160521839	1.50E-06 ± 2.01E-08	4.85 ± 0.50	3.49 ± 0.23	2.59 ± 0.11
bn160522445	3.08E-06 ± 2.27E-08	1.75 ± 0.41	1.51 ± 0.19	1.15 ± 0.09
bn160523919	4.02E-06 ± 1.83E-08	2.17 ± 0.48	2.06 ± 0.20	1.52 ± 0.10
bn160527080	9.09E-07 ± 2.44E-08	1.63 ± 0.40	1.26 ± 0.18	0.99 ± 0.09
bn160528276	4.29E-07 ± 3.45E-08	1.78 ± 1.03	1.23 ± 0.41	0.80 ± 0.16
bn160530667	5.57E-05 ± 2.88E-08	55.78 ± 1.57	54.89 ± 0.78	52.07 ± 0.38
bn160603719	1.30E-07 ± 1.82E-08	3.31 ± 0.65	2.37 ± 0.28	0.97 ± 0.11
bn160605847	1.19E-06 ± 2.17E-08	4.91 ± 0.77	3.94 ± 0.35	3.09 ± 0.15
bn160609690	2.82E-08 ± 8.24E-09	0.64 ± 0.23	0.47 ± 0.11	0.21 ± 0.05
bn160609941	1.16E-06 ± 4.89E-08	2.21 ± 0.56	1.50 ± 0.24	0.90 ± 0.10
bn160612842	3.16E-07 ± 8.05E-09	10.50 ± 0.85	5.57 ± 0.33	1.66 ± 0.11
bn160621497	2.53E-06 ± 2.68E-08	1.14 ± 0.30	1.02 ± 0.15	0.78 ± 0.07
bn160623209	2.11E-06 ± 3.92E-08	1.40 ± 0.42	0.87 ± 0.20	0.57 ± 0.10
bn160624477	1.82E-07 ± 4.99E-09	3.57 ± 0.59	3.11 ± 0.27	0.89 ± 0.09
bn160625230	1.98E-06 ± 1.99E-08	2.00 ± 0.38	1.76 ± 0.18	1.55 ± 0.09
bn160625240	6.62E-07 ± 1.34E-08	1.32 ± 0.44	0.98 ± 0.17	0.80 ± 0.08
bn160625945	2.76E-04 ± 9.78E-08	116.14 ± 2.57	112.46 ± 1.27	107.02 ± 0.62
bn160628136	4.20E-07 ± 2.69E-08	2.38 ± 0.54	1.72 ± 0.20	0.97 ± 0.09
bn160628579	1.75E-06 ± 1.24E-08	5.31 ± 0.54	4.93 ± 0.26	4.07 ± 0.13
bn160629930	7.78E-06 ± 1.94E-08	3.32 ± 0.48	2.96 ± 0.22	2.59 ± 0.10
bn160709370	3.96E-06 ± 2.97E-08	2.51 ± 0.57	1.90 ± 0.24	1.58 ± 0.11
bn160709826	7.28E-07 ± 6.32E-09	9.80 ± 0.97	5.81 ± 0.37	3.33 ± 0.14
bn160710233	8.76E-07 ± 1.69E-08	1.27 ± 0.40	0.82 ± 0.16	0.64 ± 0.08
bn160711968	4.59E-07 ± 1.25E-08	1.46 ± 0.38	1.18 ± 0.17	0.62 ± 0.07
bn160714097	7.16E-08 ± 7.88E-09	2.79 ± 0.43	1.37 ± 0.15	0.57 ± 0.06
bn160716144	1.65E-06 ± 1.76E-08	1.74 ± 0.43	1.18 ± 0.19	0.84 ± 0.08
bn160717813	9.96E-06 ± 4.07E-08	4.92 ± 0.63	4.40 ± 0.29	3.90 ± 0.13
bn160718975	1.23E-06 ± 1.24E-08	2.89 ± 0.40	2.29 ± 0.19	1.92 ± 0.09

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160720275	1.27E-06 ± 2.95E-08	2.12 ± 0.37	1.88 ± 0.19	1.61 ± 0.09
bn160720767	7.38E-05 ± 4.35E-08	28.73 ± 1.69	27.47 ± 0.84	24.69 ± 0.40
bn160721806	1.30E-06 ± 6.31E-08	6.87 ± 0.94	5.74 ± 0.58	1.79 ± 0.19
bn160724444	6.39E-06 ± 1.17E-08	15.39 ± 1.03	14.03 ± 0.49	10.36 ± 0.21
bn160726065	5.09E-07 ± 8.78E-09	9.85 ± 0.90	7.30 ± 0.35	2.47 ± 0.11
bn160727971	3.75E-07 ± 3.13E-08	2.31 ± 0.48	1.80 ± 0.23	1.15 ± 0.10
bn160728337	5.21E-07 ± 3.56E-08	0.79 ± 0.42	0.57 ± 0.14	0.43 ± 0.07
bn160731024	1.11E-06 ± 1.90E-08	2.34 ± 0.43	2.31 ± 0.21	1.74 ± 0.10
bn160802259	3.33E-05 ± 3.10E-08	52.35 ± 2.26	46.87 ± 1.07	40.95 ± 0.50
bn160804065	8.38E-06 ± 1.31E-07	2.07 ± 0.52	1.41 ± 0.23	1.07 ± 0.10
bn160804180	5.59E-07 ± 1.75E-08	5.78 ± 0.67	4.60 ± 0.32	2.62 ± 0.13
bn160804775	4.82E-06 ± 2.54E-08	2.09 ± 0.53	1.29 ± 0.18	1.10 ± 0.09
bn160804968	1.31E-07 ± 1.00E-08	7.17 ± 0.68	3.72 ± 0.23	1.01 ± 0.08
bn160806584	1.07E-06 ± 1.31E-08	8.37 ± 1.00	7.50 ± 0.47	4.90 ± 0.20
bn160813297	6.29E-07 ± 1.82E-08	1.95 ± 0.50	1.11 ± 0.18	0.94 ± 0.08
bn160814622	2.17E-07 ± 2.66E-08	1.34 ± 0.38	1.11 ± 0.19	0.87 ± 0.09
bn160815299	6.65E-07 ± 3.19E-08	1.72 ± 0.64	0.99 ± 0.24	0.51 ± 0.11
bn160815490	1.16E-06 ± 2.32E-08	3.45 ± 0.56	2.91 ± 0.27	2.27 ± 0.12
bn160816414	5.34E-07 ± 2.09E-08	1.68 ± 0.38	1.24 ± 0.17	0.89 ± 0.08
bn160816730	1.96E-05 ± 9.17E-09	37.83 ± 1.32	35.92 ± 0.64	22.40 ± 0.26
bn160818198	8.93E-07 ± 7.47E-09	4.27 ± 0.56	3.71 ± 0.27	2.62 ± 0.12
bn160818230	2.75E-07 ± 1.17E-08	4.51 ± 0.91	3.30 ± 0.39	1.16 ± 0.13
bn160819852	8.40E-06 ± 2.98E-08	9.23 ± 0.74	8.37 ± 0.37	7.66 ± 0.18
bn160820496	2.87E-07 ± 4.97E-09	5.66 ± 0.66	4.24 ± 0.28	1.44 ± 0.09
bn160821857	1.87E-04 ± 4.78E-08	55.47 ± 1.85	52.08 ± 0.94	50.43 ± 0.49
bn160821937	1.03E-07 ± 1.04E-08	3.29 ± 0.42	1.77 ± 0.17	0.64 ± 0.06
bn160822672	1.26E-06 ± 7.42E-08	50.42 ± 7.31	25.59 ± 2.77	6.90 ± 0.93
bn160824598	3.75E-06 ± 1.13E-08	8.95 ± 1.11	7.67 ± 0.52	6.55 ± 0.25
bn160825799	9.92E-07 ± 6.19E-09	7.09 ± 0.55	5.17 ± 0.24	2.45 ± 0.09
bn160826938	1.64E-07 ± 7.62E-09	1.55 ± 0.41	1.23 ± 0.19	0.80 ± 0.08
bn160827586	3.15E-06 ± 6.34E-08	2.70 ± 0.90	1.33 ± 0.30	0.97 ± 0.13
bn160827616	3.53E-07 ± 1.78E-08	1.81 ± 0.50	1.38 ± 0.22	0.99 ± 0.10
bn160827837	7.69E-07 ± 1.62E-08	1.12 ± 0.35	0.84 ± 0.17	0.67 ± 0.07
bn160829334	1.83E-07 ± 6.49E-09	2.72 ± 0.56	1.92 ± 0.19	0.84 ± 0.09
bn160831411	3.28E-06 ± 1.91E-08	2.21 ± 0.47	1.99 ± 0.46	1.67 ± 0.11
bn160905471	2.59E-05 ± 1.96E-07	9.14 ± 0.91	8.66 ± 0.47	7.61 ± 0.21
bn160908136	1.53E-06 ± 5.15E-08	1.72 ± 0.44	1.50 ± 0.22	1.02 ± 0.10
bn160909061	1.11E-06 ± 2.12E-08	3.13 ± 0.55	2.16 ± 0.25	1.06 ± 0.10
bn160910722	3.93E-05 ± 1.30E-08	48.25 ± 1.37	45.96 ± 0.67	42.96 ± 0.32
bn160912350	2.41E-06 ± 2.63E-08	3.74 ± 0.47	3.29 ± 0.24	2.63 ± 0.11

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn160912521	1.32E-05 ± 4.11E-08	6.19 ± 0.89	5.38 ± 0.42	4.76 ± 0.20
bn160912674	1.96E-06 ± 1.66E-08	1.19 ± 0.47	0.64 ± 0.20	0.46 ± 0.07
bn160917456	2.37E-06 ± 1.33E-08	3.82 ± 0.51	2.97 ± 0.20	2.64 ± 0.10
bn160917479	2.62E-06 ± 3.87E-08	3.66 ± 0.52	2.95 ± 0.23	2.28 ± 0.10
bn160917921	2.53E-07 ± 2.30E-08	1.35 ± 0.43	0.69 ± 0.16	0.46 ± 0.08
bn160919613	2.95E-06 ± 2.89E-08	2.42 ± 0.53	2.10 ± 0.26	1.36 ± 0.11
bn160919858	8.29E-07 ± 8.45E-09	1.25 ± 0.34	0.80 ± 0.17	0.57 ± 0.08
bn160920249	7.69E-07 ± 1.35E-08	2.28 ± 0.51	1.73 ± 0.22	1.34 ± 0.10
bn160921087	2.00E-06 ± 1.22E-08	1.88 ± 0.44	1.72 ± 0.21	1.29 ± 0.09
bn160922856	4.82E-07 ± 1.28E-08	0.94 ± 0.39	0.94 ± 0.20	0.58 ± 0.08
bn160924253	5.47E-07 ± 3.56E-08	1.61 ± 0.53	1.14 ± 0.24	0.75 ± 0.12
bn160925221	1.28E-06 ± 1.24E-08	1.31 ± 0.32	0.81 ± 0.16	0.64 ± 0.07
bn160928825	3.23E-06 ± 2.85E-08	8.31 ± 0.76	7.55 ± 0.38	4.51 ± 0.16
bn160929529	5.62E-07 ± 1.30E-08	1.58 ± 0.50	1.31 ± 0.22	0.90 ± 0.10
bn161001045	9.07E-07 ± 8.31E-09	9.44 ± 0.79	7.78 ± 0.36	3.00 ± 0.12
bn161004964	1.09E-05 ± 1.58E-08	9.55 ± 0.93	8.59 ± 0.45	8.01 ± 0.22
bn161005977	7.07E-07 ± 2.73E-08	1.35 ± 0.45	0.81 ± 0.18	0.57 ± 0.08
bn161007009	6.11E-07 ± 2.04E-08	1.16 ± 0.32	0.70 ± 0.15	0.49 ± 0.07
bn161009651	2.97E-06 ± 1.46E-08	2.27 ± 0.47	1.02 ± 0.16	0.80 ± 0.08
bn161012214	5.75E-07 ± 2.18E-08	1.42 ± 0.39	0.73 ± 0.18	0.60 ± 0.09
bn161012416	9.15E-07 ± 1.82E-08	1.06 ± 0.26	0.78 ± 0.14	0.61 ± 0.06
bn161012637	3.67E-07 ± 1.49E-08	1.18 ± 0.44	0.58 ± 0.14	0.34 ± 0.05
bn161013948	6.07E-07 ± 1.53E-08	1.33 ± 0.36	1.18 ± 0.20	0.78 ± 0.09
bn161014522	3.71E-06 ± 2.61E-08	4.36 ± 0.63	3.56 ± 0.30	2.69 ± 0.14
bn161015400	7.17E-08 ± 1.17E-08	3.71 ± 0.75	2.37 ± 0.30	0.69 ± 0.12
bn161015710	6.91E-06 ± 8.73E-09	9.39 ± 0.77	7.82 ± 0.38	6.32 ± 0.18
bn161017745	2.51E-06 ± 3.10E-08	3.63 ± 0.93	2.38 ± 0.39	1.83 ± 0.18
bn161020024	4.15E-07 ± 9.44E-09	1.59 ± 0.39	1.00 ± 0.17	0.67 ± 0.08
bn161020759	1.69E-05 ± 2.96E-08	14.51 ± 0.85	13.78 ± 0.43	13.18 ± 0.21
bn161020767	3.09E-06 ± 2.10E-08	6.98 ± 0.63	5.04 ± 0.29	2.88 ± 0.12
bn161022114	1.01E-06 ± 5.18E-08	2.73 ± 0.95	1.59 ± 0.40	1.18 ± 0.19
bn161026373	8.37E-08 ± 9.96E-09	3.13 ± 0.59	2.02 ± 0.24	0.49 ± 0.07
bn161105417	5.14E-06 ± 1.97E-08	5.04 ± 0.63	4.66 ± 0.27	3.67 ± 0.13
bn161106499	9.49E-06 ± 1.40E-08	9.53 ± 0.63	8.83 ± 0.30	7.91 ± 0.14
bn161106786	6.36E-07 ± 1.13E-08	2.37 ± 0.42	2.11 ± 0.20	1.49 ± 0.09
bn161109263	1.04E-05 ± 3.18E-08	10.45 ± 0.83	9.55 ± 0.40	8.68 ± 0.19
bn161110179	8.47E-08 ± 1.34E-08	1.71 ± 0.43	1.25 ± 0.20	0.76 ± 0.10
bn161111197	1.40E-06 ± 2.26E-08	1.42 ± 0.39	1.37 ± 0.19	0.85 ± 0.08
bn161112496	1.94E-06 ± 2.78E-08	2.90 ± 0.53	2.10 ± 0.23	1.41 ± 0.10
bn161115745	6.57E-08 ± 1.15E-08	4.07 ± 0.50	1.17 ± 0.19	0.21 ± 0.08

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn161117066	1.75E-05 ± 6.17E-08	4.92 ± 0.78	3.90 ± 0.34	3.42 ± 0.17
bn161119633	3.24E-06 ± 3.30E-08	1.89 ± 0.46	1.64 ± 0.23	1.23 ± 0.10
bn161121186	1.31E-08 ± 7.14E-09	0.67 ± 0.22	0.49 ± 0.10	0.19 ± 0.05
bn161125931	2.71E-06 ± 1.81E-08	2.59 ± 0.46	2.41 ± 0.23	1.74 ± 0.10
bn161128216	3.84E-07 ± 9.46E-09	2.39 ± 0.48	1.97 ± 0.22	1.26 ± 0.10
bn161129300	3.67E-06 ± 2.37E-08	4.84 ± 0.61	2.91 ± 0.24	2.34 ± 0.12
bn161201342	9.86E-07 ± 1.53E-08	2.28 ± 0.55	1.61 ± 0.21	1.49 ± 0.10
bn161205561	1.64E-06 ± 1.70E-08	2.68 ± 0.44	1.75 ± 0.18	1.00 ± 0.07
bn161206064	1.95E-05 ± 2.08E-08	8.10 ± 0.64	7.15 ± 0.32	6.49 ± 0.16
bn161207224	1.57E-07 ± 1.64E-08	1.50 ± 0.42	0.86 ± 0.20	0.68 ± 0.09
bn161207813	2.52E-06 ± 3.38E-08	2.55 ± 0.61	1.28 ± 0.23	0.91 ± 0.11
bn161210524	2.90E-07 ± 1.07E-08	1.93 ± 0.47	1.56 ± 0.18	1.26 ± 0.09
bn161212652	2.48E-07 ± 1.26E-08	2.81 ± 0.83	1.71 ± 0.33	0.95 ± 0.13
bn161213295	7.51E-07 ± 1.91E-08	1.63 ± 0.48	1.09 ± 0.24	0.86 ± 0.12
bn161214722	1.70E-06 ± 1.98E-08	1.78 ± 0.51	1.42 ± 0.23	1.08 ± 0.10
bn161217128	2.63E-07 ± 2.08E-08	1.52 ± 0.43	0.71 ± 0.16	0.52 ± 0.08
bn161218222	4.35E-07 ± 1.51E-08	7.68 ± 0.56	5.66 ± 0.30	1.58 ± 0.10
bn161218356	5.35E-05 ± 1.83E-08	67.80 ± 1.75	62.15 ± 0.84	40.07 ± 0.34
bn161220605	5.52E-06 ± 2.12E-08	5.58 ± 0.64	4.54 ± 0.30	4.21 ± 0.15
bn161227498	6.47E-07 ± 1.54E-08	3.44 ± 0.49	3.11 ± 0.24	2.53 ± 0.11
bn161228032	2.18E-06 ± 1.59E-08	1.83 ± 0.47	1.20 ± 0.16	0.97 ± 0.07
bn161228388	1.88E-06 ± 3.23E-08	0.96 ± 0.37	0.66 ± 0.12	0.47 ± 0.07
bn161228405	1.92E-06 ± 3.94E-08	3.31 ± 0.53	2.86 ± 0.25	2.18 ± 0.11
bn161228553	2.53E-06 ± 3.92E-08	2.58 ± 0.47	1.85 ± 0.20	1.34 ± 0.09
bn161229878	1.94E-05 ± 1.89E-08	10.17 ± 0.94	8.03 ± 0.44	5.83 ± 0.19
bn161230298	9.96E-08 ± 5.74E-09	4.19 ± 0.55	1.74 ± 0.20	0.50 ± 0.06
bn161230511	1.53E-06 ± 2.87E-08	1.48 ± 0.40	0.92 ± 0.15	0.79 ± 0.08
bn170101116	6.96E-06 ± 1.78E-08	4.87 ± 0.64	4.29 ± 0.31	3.67 ± 0.14
bn170101374	3.90E-07 ± 2.96E-08	2.14 ± 0.51	1.29 ± 0.22	1.09 ± 0.10
bn170106968	5.99E-07 ± 6.29E-08	2.15 ± 0.87	1.50 ± 0.38	0.75 ± 0.16
bn170109137	8.20E-06 ± 3.29E-08	4.09 ± 0.48	3.70 ± 0.24	2.78 ± 0.11
bn170110967	6.78E-07 ± 2.01E-08	1.38 ± 0.27	0.91 ± 0.13	0.71 ± 0.06
bn170111760	1.59E-07 ± 1.51E-08	4.18 ± 0.60	2.63 ± 0.28	0.82 ± 0.09
bn170111815	3.73E-07 ± 7.01E-09	4.15 ± 0.54	3.97 ± 0.27	1.82 ± 0.10
bn170112970	3.43E-07 ± 1.02E-08	1.92 ± 0.42	1.64 ± 0.21	1.06 ± 0.09
bn170113420	1.04E-06 ± 4.58E-08	1.34 ± 0.71	1.19 ± 0.32	0.53 ± 0.10
bn170114833	7.87E-06 ± 1.92E-08	6.83 ± 0.64	5.98 ± 0.32	5.70 ± 0.16
bn170114917	1.00E-05 ± 3.35E-08	17.20 ± 1.04	16.02 ± 0.52	14.15 ± 0.25
bn170115662	3.17E-06 ± 2.23E-08	2.14 ± 0.50	1.39 ± 0.19	0.89 ± 0.08
bn170115743	1.59E-05 ± 3.41E-08	9.20 ± 0.82	7.81 ± 0.45	6.36 ± 0.19

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170116238	6.77E-07 ± 5.02E-08	2.60 ± 0.78	1.31 ± 0.29	1.11 ± 0.17
bn170119228	1.64E-06 ± 2.99E-08	1.33 ± 0.31	1.18 ± 0.20	0.85 ± 0.09
bn170120471	2.06E-06 ± 2.51E-08	3.29 ± 0.59	2.16 ± 0.27	1.65 ± 0.12
bn170121067	9.37E-07 ± 1.79E-08	4.66 ± 0.55	3.88 ± 0.25	2.82 ± 0.11
bn170121133	1.55E-07 ± 1.32E-08	3.85 ± 0.70	1.39 ± 0.21	0.69 ± 0.08
bn170121614	1.12E-05 ± 6.34E-08	6.35 ± 0.83	4.91 ± 0.36	4.33 ± 0.16
bn170124238	4.00E-06 ± 3.81E-08	2.62 ± 0.59	2.08 ± 0.29	1.83 ± 0.13
bn170124528	7.33E-08 ± 1.15E-08	5.08 ± 0.83	3.22 ± 0.35	0.91 ± 0.13
bn170124874	5.63E-06 ± 1.40E-08	3.63 ± 0.57	3.08 ± 0.25	2.82 ± 0.12
bn170125022	1.43E-07 ± 9.02E-09	0.63 ± 0.22	0.42 ± 0.11	0.34 ± 0.06
bn170125102	7.02E-08 ± 7.70E-09	3.89 ± 0.79	1.18 ± 0.26	0.44 ± 0.11
bn170126480	4.77E-06 ± 3.59E-08	7.57 ± 0.73	6.52 ± 0.35	5.55 ± 0.17
bn170127067	1.29E-06 ± 2.70E-08	36.67 ± 3.48	22.42 ± 1.35	5.75 ± 0.36
bn170127634	1.44E-07 ± 6.93E-09	4.08 ± 0.68	2.12 ± 0.22	0.75 ± 0.08
bn170130302	2.25E-06 ± 2.30E-08	2.90 ± 0.59	2.00 ± 0.21	1.41 ± 0.09
bn170130510	4.06E-06 ± 3.44E-08	3.97 ± 0.50	3.23 ± 0.26	2.53 ± 0.12
bn170130697	7.76E-07 ± 3.03E-08	0.57 ± 0.18	0.44 ± 0.10	0.33 ± 0.04
bn170131969	2.76E-06 ± 1.01E-07	3.29 ± 0.54	2.90 ± 0.26	2.08 ± 0.12
bn170203486	7.12E-08 ± 8.11E-09	3.76 ± 0.69	2.49 ± 0.28	0.72 ± 0.10
bn170205521	6.49E-07 ± 2.72E-08	2.87 ± 0.59	2.73 ± 0.25	2.14 ± 0.17
bn170206453	5.14E-06 ± 6.23E-08	33.04 ± 1.45	26.95 ± 0.66	19.74 ± 0.28
bn170207906	2.45E-05 ± 4.60E-08	19.14 ± 1.30	17.46 ± 0.62	13.38 ± 0.27
bn170208553	1.02E-05 ± 2.87E-08	7.67 ± 0.68	6.92 ± 0.32	5.61 ± 0.15
bn170208758	1.52E-06 ± 3.50E-08	6.01 ± 0.81	5.38 ± 0.40	3.68 ± 0.17
bn170208940	6.11E-06 ± 1.40E-08	7.05 ± 0.56	6.79 ± 0.27	6.22 ± 0.13
bn170209048	6.47E-06 ± 3.94E-08	10.41 ± 1.10	8.40 ± 0.51	6.24 ± 0.23
bn170210116	4.58E-05 ± 2.46E-08	22.87 ± 1.56	17.84 ± 0.67	15.35 ± 0.32
bn170212034	5.48E-07 ± 1.52E-08	2.78 ± 0.52	2.04 ± 0.25	1.37 ± 0.12
bn170214649	8.28E-05 ± 6.33E-08	12.31 ± 1.09	10.33 ± 0.48	9.14 ± 0.24
bn170219002	2.18E-07 ± 9.44E-09	15.68 ± 1.30	7.00 ± 0.48	1.69 ± 0.17
bn170219110	4.69E-07 ± 1.08E-08	1.96 ± 0.40	1.71 ± 0.18	1.12 ± 0.08
bn170222209	1.23E-06 ± 8.03E-09	9.22 ± 1.20	5.30 ± 0.46	4.27 ± 0.20
bn170228773	4.51E-06 ± 3.35E-08	3.38 ± 0.68	2.62 ± 0.31	2.16 ± 0.15
bn170228794	7.87E-06 ± 2.03E-08	6.35 ± 0.65	5.73 ± 0.32	5.24 ± 0.15
bn170301812	6.65E-07 ± 4.24E-08	1.50 ± 0.49	1.03 ± 0.21	0.72 ± 0.09
bn170302166	2.69E-07 ± 8.12E-09	1.78 ± 0.40	1.27 ± 0.19	0.97 ± 0.08
bn170302719	2.25E-06 ± 1.72E-08	1.41 ± 0.37	1.22 ± 0.16	0.91 ± 0.06
bn170302876	2.20E-06 ± 1.92E-08	1.44 ± 0.33	0.92 ± 0.15	0.79 ± 0.08
bn170304003	1.35E-07 ± 7.26E-09	7.89 ± 0.58	3.05 ± 0.21	0.85 ± 0.07
bn170305256	6.60E-07 ± 4.70E-09	16.39 ± 1.06	11.12 ± 0.42	3.45 ± 0.13

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170306130	2.36E-06 ± 1.29E-08	2.99 ± 0.43	1.84 ± 0.21	1.31 ± 0.09
bn170306588	1.48E-05 ± 3.95E-08	7.59 ± 0.59	7.14 ± 0.32	6.21 ± 0.16
bn170307851	7.96E-07 ± 1.34E-08	1.55 ± 0.54	0.65 ± 0.17	0.38 ± 0.07
bn170308221	1.07E-05 ± 1.52E-08	11.78 ± 0.89	11.02 ± 0.43	10.38 ± 0.21
bn170310417	3.79E-07 ± 1.24E-08	1.78 ± 0.35	1.48 ± 0.19	0.99 ± 0.09
bn170310883	8.62E-07 ± 2.66E-08	1.79 ± 0.63	1.03 ± 0.22	0.86 ± 0.10
bn170313125	1.25E-06 ± 1.65E-08	1.76 ± 0.45	1.31 ± 0.18	1.09 ± 0.09
bn170315582	7.58E-07 ± 1.75E-08	1.80 ± 0.48	1.61 ± 0.23	1.24 ± 0.11
bn170316710	3.97E-06 ± 1.85E-08	3.29 ± 0.48	2.58 ± 0.20	2.14 ± 0.10
bn170317666	4.42E-06 ± 5.40E-08	2.91 ± 0.69	2.26 ± 0.30	1.34 ± 0.12
bn170318644	3.14E-07 ± 3.47E-08	2.47 ± 0.58	1.44 ± 0.25	0.92 ± 0.11
bn170323058	8.22E-07 ± 2.18E-08	0.89 ± 0.23	0.84 ± 0.12	0.60 ± 0.06
bn170323775	2.21E-06 ± 1.39E-08	1.97 ± 0.49	1.42 ± 0.21	1.02 ± 0.09
bn170325331	1.59E-07 ± 6.95E-09	4.45 ± 0.54	2.74 ± 0.22	0.84 ± 0.07
bn170326489	6.14E-07 ± 3.02E-08	1.65 ± 0.72	1.18 ± 0.28	0.82 ± 0.12
bn170329387	3.86E-06 ± 2.21E-08	4.15 ± 0.57	3.13 ± 0.24	2.52 ± 0.11
bn170402285	3.64E-06 ± 1.89E-08	6.04 ± 0.60	5.15 ± 0.28	4.40 ± 0.14
bn170402961	1.27E-06 ± 1.44E-08	4.90 ± 0.57	4.46 ± 0.29	2.00 ± 0.11
bn170403583	2.09E-07 ± 9.69E-09	8.68 ± 0.83	4.29 ± 0.31	1.35 ± 0.10
bn170403707	3.27E-06 ± 2.34E-08	4.61 ± 0.73	3.78 ± 0.35	3.19 ± 0.16
bn170405777	3.86E-05 ± 3.42E-08	9.48 ± 0.70	9.02 ± 0.34	8.08 ± 0.17
bn170409112	9.93E-05 ± 4.19E-08	43.87 ± 1.73	40.71 ± 0.83	31.03 ± 0.38
bn170412917	6.77E-06 ± 1.82E-08	5.35 ± 0.56	5.14 ± 0.28	3.73 ± 0.12
bn170412988	2.29E-06 ± 2.06E-08	4.36 ± 0.57	3.01 ± 0.28	2.26 ± 0.13
bn170414551	8.46E-07 ± 1.81E-08	2.24 ± 0.40	1.58 ± 0.19	0.92 ± 0.09
bn170416583	5.95E-06 ± 1.39E-08	6.30 ± 0.85	5.32 ± 0.40	4.58 ± 0.18
bn170419898	1.54E-06 ± 1.04E-08	2.97 ± 0.47	2.18 ± 0.22	1.84 ± 0.10
bn170419983	8.30E-07 ± 1.81E-08	1.79 ± 0.46	1.48 ± 0.22	1.09 ± 0.10
bn170422343	1.40E-05 ± 1.35E-08	11.84 ± 0.88	10.53 ± 0.42	7.26 ± 0.19
bn170423719	1.31E-05 ± 3.43E-08	10.50 ± 0.73	9.93 ± 0.36	6.86 ± 0.15
bn170423872	3.53E-06 ± 2.68E-08	4.42 ± 0.62	3.75 ± 0.30	3.31 ± 0.15
bn170424425	1.03E-05 ± 4.35E-08	3.48 ± 0.51	2.78 ± 0.21	2.34 ± 0.10
bn170428136	1.53E-06 ± 1.72E-08	2.15 ± 0.71	1.50 ± 0.34	0.97 ± 0.15
bn170429799	1.77E-05 ± 5.56E-08	4.34 ± 0.61	3.69 ± 0.26	3.12 ± 0.12
bn170430204	7.61E-08 ± 7.99E-09	3.75 ± 0.53	1.49 ± 0.21	0.46 ± 0.06
bn170501467	3.12E-06 ± 3.02E-08	2.39 ± 0.52	1.81 ± 0.22	1.38 ± 0.09
bn170504734	5.90E-08 ± 1.32E-08	2.06 ± 0.58	1.07 ± 0.21	0.40 ± 0.09
bn170506169	1.30E-07 ± 2.13E-08	2.62 ± 0.54	2.03 ± 0.24	0.87 ± 0.09
bn170510217	2.26E-05 ± 3.99E-08	11.19 ± 1.02	9.70 ± 0.50	8.33 ± 0.23
bn170511249	1.58E-05 ± 2.44E-08	14.67 ± 0.96	13.79 ± 0.47	9.54 ± 0.20

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170511477	2.31E-07 ± 3.82E-08	3.91 ± 1.47	2.11 ± 0.52	1.23 ± 0.22
bn170511648	1.05E-07 ± 4.99E-09	1.35 ± 0.35	0.86 ± 0.16	0.56 ± 0.08
bn170514152	6.89E-07 ± 1.72E-08	3.81 ± 0.55	3.33 ± 0.26	1.43 ± 0.10
bn170514180	1.14E-05 ± 1.94E-08	4.89 ± 0.51	4.68 ± 0.25	4.33 ± 0.12
bn170516808	2.25E-07 ± 2.16E-08	1.60 ± 0.47	0.97 ± 0.21	0.75 ± 0.11
bn170520202	1.71E-07 ± 6.10E-09	1.12 ± 0.37	0.92 ± 0.16	0.68 ± 0.08
bn170521882	5.47E-07 ± 2.70E-08	1.89 ± 0.65	1.63 ± 0.30	1.25 ± 0.14
bn170522657	1.17E-05 ± 1.30E-08	17.91 ± 1.10	15.33 ± 0.52	12.96 ± 0.23
bn170527480	3.06E-05 ± 1.89E-08	13.93 ± 0.98	12.40 ± 0.47	10.04 ± 0.22
bn170530581	1.64E-06 ± 1.70E-08	1.81 ± 0.45	1.19 ± 0.21	1.02 ± 0.09
bn170604603	4.41E-07 ± 5.58E-09	5.66 ± 0.63	5.51 ± 0.32	1.86 ± 0.10
bn170606968	2.55E-06 ± 8.03E-09	6.98 ± 0.59	6.00 ± 0.27	4.58 ± 0.12
bn170607946	2.21E-05 ± 6.24E-08	9.48 ± 1.16	8.58 ± 0.55	7.21 ± 0.24
bn170607971	4.93E-06 ± 3.03E-08	6.11 ± 0.88	5.25 ± 0.42	4.75 ± 0.20
bn170610689	6.37E-06 ± 1.11E-08	4.32 ± 0.45	4.16 ± 0.23	3.71 ± 0.11
bn170611937	1.14E-06 ± 1.39E-08	1.49 ± 0.44	0.93 ± 0.17	0.56 ± 0.07
bn170614255	5.18E-06 ± 2.47E-08	2.49 ± 0.35	2.13 ± 0.18	2.02 ± 0.09
bn170614486	1.21E-05 ± 3.61E-08	8.19 ± 1.25	7.06 ± 0.56	5.64 ± 0.25
bn170614505	2.29E-07 ± 2.11E-08	1.27 ± 0.50	0.77 ± 0.23	0.47 ± 0.09
bn170616047	4.17E-07 ± 1.49E-08	0.94 ± 0.25	0.84 ± 0.13	0.64 ± 0.06
bn170616165	9.66E-07 ± 1.80E-08	1.21 ± 0.35	0.88 ± 0.17	0.54 ± 0.07
bn170618475	6.37E-06 ± 1.41E-08	3.51 ± 0.49	3.01 ± 0.21	2.50 ± 0.10
bn170621784	1.04E-06 ± 4.27E-08	1.20 ± 0.40	0.93 ± 0.20	0.54 ± 0.09
bn170625692	1.12E-06 ± 3.83E-08	1.49 ± 0.42	1.00 ± 0.18	0.65 ± 0.08
bn170626401	9.10E-06 ± 3.00E-08	21.74 ± 1.02	19.71 ± 0.49	16.07 ± 0.22
bn170627931	1.12E-06 ± 1.67E-08	1.89 ± 0.36	1.47 ± 0.17	1.11 ± 0.08
bn170629537	2.43E-06 ± 2.00E-08	3.52 ± 0.51	3.18 ± 0.25	2.41 ± 0.11
bn170705115	7.72E-06 ± 3.34E-08	14.13 ± 1.18	12.25 ± 0.56	9.49 ± 0.25
bn170705200	1.93E-06 ± 1.08E-08	1.52 ± 0.43	1.17 ± 0.19	0.94 ± 0.09
bn170705244	4.71E-07 ± 1.30E-08	1.15 ± 0.32	0.84 ± 0.14	0.71 ± 0.07
bn170708046	4.69E-07 ± 6.19E-09	25.71 ± 1.02	8.95 ± 0.30	2.27 ± 0.09
bn170709334	3.78E-07 ± 9.81E-09	6.23 ± 0.58	3.14 ± 0.23	1.46 ± 0.09
bn170710340	1.74E-06 ± 1.59E-08	1.88 ± 0.54	1.13 ± 0.21	0.82 ± 0.09
bn170711019	4.42E-07 ± 1.03E-08	1.32 ± 0.25	0.95 ± 0.12	0.76 ± 0.06
bn170711713	3.08E-07 ± 1.42E-08	4.04 ± 0.63	2.57 ± 0.26	1.35 ± 0.10
bn170711931	1.11E-06 ± 1.25E-08	2.90 ± 0.48	2.37 ± 0.21	1.95 ± 0.10
bn170714049	7.95E-08 ± 6.46E-09	2.96 ± 0.55	1.57 ± 0.18	0.46 ± 0.07
bn170715878	3.43E-07 ± 3.25E-08	1.25 ± 0.45	0.80 ± 0.21	0.55 ± 0.10
bn170717952	4.05E-07 ± 2.15E-08	1.64 ± 0.43	0.96 ± 0.20	0.81 ± 0.09
bn170718152	1.69E-06 ± 2.66E-08	2.09 ± 0.53	1.34 ± 0.25	1.13 ± 0.13

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170722525	1.99E-06 ± 3.08E-08	1.92 ± 0.45	1.44 ± 0.21	0.95 ± 0.09
bn170723076	1.03E-06 ± 3.54E-08	1.15 ± 0.30	0.55 ± 0.13	0.39 ± 0.07
bn170723677	4.59E-07 ± 1.14E-08	1.48 ± 0.43	0.98 ± 0.21	0.74 ± 0.10
bn170723882	2.86E-07 ± 2.22E-08	2.17 ± 0.51	1.07 ± 0.21	0.65 ± 0.09
bn170724543	6.66E-07 ± 1.68E-08	1.95 ± 0.47	1.17 ± 0.15	0.91 ± 0.08
bn170726249	3.89E-07 ± 9.23E-09	2.42 ± 0.47	2.03 ± 0.20	1.33 ± 0.09
bn170726794	4.23E-06 ± 3.00E-08	5.08 ± 0.70	3.97 ± 0.29	2.05 ± 0.12
bn170727841	4.81E-07 ± 1.93E-08	1.40 ± 0.40	0.97 ± 0.17	0.64 ± 0.08
bn170728961	2.39E-06 ± 1.75E-08	12.83 ± 0.78	11.05 ± 0.39	5.86 ± 0.15
bn170730133	1.30E-06 ± 1.47E-08	3.66 ± 0.59	2.80 ± 0.27	2.47 ± 0.13
bn170731751	1.75E-06 ± 1.60E-08	1.14 ± 0.28	0.65 ± 0.14	0.47 ± 0.06
bn170801690	4.41E-07 ± 1.50E-08	1.56 ± 0.46	0.75 ± 0.16	0.56 ± 0.07
bn170802638	8.86E-07 ± 1.01E-08	17.99 ± 1.19	10.85 ± 0.49	3.74 ± 0.14
bn170803172	1.52E-07 ± 1.52E-08	1.86 ± 0.48	0.93 ± 0.15	0.58 ± 0.06
bn170803415	5.58E-06 ± 2.88E-08	1.74 ± 0.37	1.41 ± 0.12	1.15 ± 0.06
bn170803729	1.21E-06 ± 1.29E-08	8.89 ± 0.59	7.81 ± 0.28	4.28 ± 0.11
bn170804911	1.96E-06 ± 2.78E-08	1.49 ± 0.42	1.17 ± 0.16	0.87 ± 0.10
bn170805901	6.14E-07 ± 2.04E-08	1.83 ± 0.44	1.29 ± 0.20	0.84 ± 0.09
bn170808065	1.48E-06 ± 2.45E-08	4.08 ± 0.80	3.60 ± 0.34	2.53 ± 0.15
bn170808936	6.01E-05 ± 5.77E-08	95.08 ± 1.86	93.70 ± 0.92	77.99 ± 0.42
bn170810918	4.07E-06 ± 5.59E-08	2.18 ± 0.47	1.54 ± 0.21	1.03 ± 0.07
bn170813051	1.90E-06 ± 1.89E-08	1.94 ± 0.41	1.56 ± 0.19	1.20 ± 0.09
bn170816258	1.15E-06 ± 2.36E-08	1.76 ± 0.42	1.34 ± 0.19	1.06 ± 0.09
bn170816599	8.40E-07 ± 1.50E-08	12.52 ± 1.08	9.97 ± 0.52	2.91 ± 0.15
bn170817529	1.75E-07 ± 1.05E-08	2.02 ± 0.53	1.44 ± 0.21	0.66 ± 0.08
bn170817908	9.74E-07 ± 1.01E-08	4.87 ± 0.89	3.81 ± 0.37	2.71 ± 0.14
bn170818137	1.87E-07 ± 1.02E-08	5.50 ± 0.78	3.84 ± 0.35	1.16 ± 0.11
bn170821265	1.27E-06 ± 2.92E-08	1.04 ± 0.40	0.58 ± 0.13	0.40 ± 0.05
bn170825307	1.10E-06 ± 1.07E-08	2.62 ± 0.49	1.97 ± 0.19	1.62 ± 0.08
bn170825500	3.11E-06 ± 7.89E-09	7.31 ± 0.57	7.06 ± 0.28	6.39 ± 0.13
bn170825784	4.24E-06 ± 2.54E-08	2.83 ± 0.63	1.89 ± 0.26	1.66 ± 0.12
bn170826369	2.81E-07 ± 8.56E-09	7.77 ± 0.95	5.23 ± 0.39	1.50 ± 0.13
bn170826819	1.49E-05 ± 3.62E-08	15.12 ± 1.17	13.74 ± 0.58	11.25 ± 0.27
bn170827818	2.22E-07 ± 6.51E-09	3.86 ± 0.57	2.72 ± 0.24	1.10 ± 0.08
bn170829414	4.73E-06 ± 2.62E-08	3.37 ± 0.50	2.61 ± 0.25	2.18 ± 0.11
bn170829674	3.84E-06 ± 2.93E-08	2.79 ± 0.42	2.23 ± 0.22	1.96 ± 0.10
bn170830069	2.89E-06 ± 2.95E-08	2.73 ± 0.47	1.88 ± 0.19	1.17 ± 0.08
bn170830135	4.37E-06 ± 2.14E-08	3.09 ± 0.72	2.62 ± 0.34	2.02 ± 0.15
bn170830328	1.84E-06 ± 1.39E-08	3.24 ± 0.66	2.04 ± 0.30	1.74 ± 0.13
bn170831179	1.08E-05 ± 1.49E-07	11.26 ± 0.71	10.69 ± 0.35	8.43 ± 0.17

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn170901007	4.48E-07 ± 3.25E-08	1.68 ± 0.45	1.20 ± 0.20	0.93 ± 0.09
bn170901255	4.80E-07 ± 1.04E-08	2.23 ± 0.52	1.62 ± 0.21	1.06 ± 0.09
bn170901345	1.92E-07 ± 8.85E-09	1.67 ± 0.49	1.22 ± 0.23	0.76 ± 0.11
bn170903534	1.85E-06 ± 1.58E-08	4.28 ± 0.74	2.28 ± 0.31	1.80 ± 0.15
bn170906030	4.90E-05 ± 4.37E-08	12.94 ± 1.11	11.92 ± 0.58	10.74 ± 0.27
bn170906039	1.54E-06 ± 2.79E-08	5.69 ± 0.84	4.46 ± 0.38	3.13 ± 0.17
bn170906485	1.95E-07 ± 1.73E-08	1.19 ± 0.46	0.68 ± 0.19	0.47 ± 0.09
bn170910368	1.39E-06 ± 5.08E-08	3.27 ± 1.15	2.03 ± 0.53	1.17 ± 0.23
bn170911267	4.96E-07 ± 7.31E-09	1.17 ± 0.36	0.81 ± 0.15	0.58 ± 0.07
bn170912273	1.90E-06 ± 1.46E-08	5.49 ± 0.51	4.38 ± 0.24	2.93 ± 0.11
bn170912985	9.24E-08 ± 1.26E-08	2.81 ± 0.39	1.30 ± 0.18	0.41 ± 0.07
bn170915161	4.38E-06 ± 2.51E-08	4.03 ± 0.70	3.54 ± 0.36	3.09 ± 0.17
bn170915520	2.20E-07 ± 7.66E-09	3.14 ± 0.62	2.59 ± 0.28	1.00 ± 0.09
bn170916700	5.60E-07 ± 4.42E-08	3.60 ± 1.15	2.30 ± 0.47	1.25 ± 0.21
bn170918139	5.56E-08 ± 5.09E-09	3.79 ± 0.72	1.39 ± 0.23	0.27 ± 0.07
bn170921168	3.35E-05 ± 1.78E-07	17.68 ± 1.25	14.78 ± 0.59	14.08 ± 0.29
bn170923101	1.27E-06 ± 2.61E-08	1.97 ± 0.61	1.47 ± 0.23	1.19 ± 0.10
bn170923188	1.25E-06 ± 1.63E-08	2.99 ± 0.47	2.46 ± 0.19	1.69 ± 0.09
bn170923566	4.05E-07 ± 1.55E-08	1.15 ± 0.41	0.85 ± 0.19	0.55 ± 0.08
bn170926528	1.66E-06 ± 1.06E-08	3.09 ± 0.57	2.61 ± 0.26	2.00 ± 0.12
bn170926782	3.06E-07 ± 5.53E-09	4.17 ± 0.46	3.48 ± 0.22	1.89 ± 0.09
bn170928607	7.18E-07 ± 1.44E-08	2.56 ± 0.45	2.40 ± 0.23	1.71 ± 0.10
bn170929513	5.38E-07 ± 9.28E-09	2.39 ± 0.40	1.47 ± 0.19	1.21 ± 0.09
bn170929699	1.52E-06 ± 1.23E-08	4.00 ± 0.50	3.59 ± 0.25	2.63 ± 0.10
bn171002969	8.07E-07 ± 1.95E-08	2.60 ± 0.38	2.09 ± 0.20	1.89 ± 0.10
bn171004672	6.47E-06 ± 2.40E-08	4.01 ± 0.70	2.75 ± 0.29	1.90 ± 0.14
bn171004857	6.98E-07 ± 4.09E-08	3.04 ± 1.02	2.08 ± 0.39	1.65 ± 0.18
bn171007498	1.89E-07 ± 1.23E-08	1.05 ± 0.31	0.81 ± 0.16	0.57 ± 0.07
bn171008080	6.74E-08 ± 2.10E-08	1.24 ± 0.49	0.72 ± 0.23	0.41 ± 0.12
bn171009138	1.56E-06 ± 2.56E-08	1.54 ± 0.39	1.31 ± 0.20	0.99 ± 0.09
bn171010792	3.33E-04 ± 5.15E-08	50.92 ± 2.07	49.40 ± 1.02	47.60 ± 0.50
bn171010875	4.67E-07 ± 1.77E-08	0.61 ± 0.33	0.44 ± 0.11	0.31 ± 0.04
bn171011162	3.02E-06 ± 3.40E-08	2.13 ± 0.61	1.36 ± 0.23	0.85 ± 0.10
bn171011810	3.82E-08 ± 8.06E-09	2.14 ± 0.29	1.27 ± 0.13	0.35 ± 0.06
bn171013350	9.33E-06 ± 2.21E-08	3.60 ± 0.46	2.81 ± 0.22	2.59 ± 0.11
bn171017823	2.70E-06 ± 1.71E-08	1.33 ± 0.37	0.72 ± 0.15	0.54 ± 0.06
bn171020813	1.06E-06 ± 1.84E-08	1.52 ± 0.48	1.41 ± 0.24	0.77 ± 0.11
bn171022085	9.98E-07 ± 2.36E-08	1.97 ± 0.42	1.66 ± 0.20	1.11 ± 0.09
bn171022885	5.23E-06 ± 8.74E-09	8.39 ± 0.72	6.75 ± 0.36	4.58 ± 0.15
bn171023097	1.81E-06 ± 4.28E-08	1.48 ± 0.44	0.92 ± 0.19	0.72 ± 0.09

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn171024977	4.89E-07 ± 1.84E-08	0.94 ± 0.36	0.59 ± 0.18	0.36 ± 0.07
bn171025213	1.74E-07 ± 1.43E-08	1.97 ± 0.46	1.28 ± 0.21	0.79 ± 0.10
bn171025416	9.47E-07 ± 2.78E-08	2.85 ± 0.66	2.18 ± 0.31	1.21 ± 0.15
bn171025913	2.43E-07 ± 1.41E-08	0.96 ± 0.44	0.63 ± 0.16	0.44 ± 0.08
bn171029020	7.78E-07 ± 3.63E-08	1.74 ± 0.53	1.40 ± 0.26	0.84 ± 0.10
bn171030729	7.55E-08 ± 1.41E-08	6.09 ± 1.20	2.89 ± 0.45	0.92 ± 0.13
bn171102107	1.78E-05 ± 1.54E-08	16.26 ± 0.84	15.86 ± 0.40	14.29 ± 0.19
bn171103655	1.44E-06 ± 3.83E-08	1.36 ± 0.46	0.76 ± 0.19	0.59 ± 0.08
bn171106498	2.78E-06 ± 1.82E-08	4.53 ± 0.58	4.39 ± 0.27	3.74 ± 0.13
bn171108656	6.35E-06 ± 1.24E-07	208.06 ± 20.84	77.77 ± 6.88	21.11 ± 2.07
bn171112868	7.73E-06 ± 3.19E-08	3.69 ± 0.63	3.34 ± 0.31	3.00 ± 0.15
bn171117515	5.42E-06 ± 3.07E-08	6.92 ± 0.66	6.29 ± 0.31	4.73 ± 0.14
bn171119992	2.45E-05 ± 1.28E-07	31.79 ± 3.62	27.44 ± 1.66	22.29 ± 0.78
bn171120556	9.05E-06 ± 1.80E-08	30.03 ± 1.47	26.92 ± 0.71	17.47 ± 0.28
bn171124235	2.03E-06 ± 1.24E-08	4.08 ± 0.70	3.39 ± 0.29	2.02 ± 0.11
bn171126216	2.60E-06 ± 6.13E-08	1.75 ± 0.49	1.19 ± 0.18	0.68 ± 0.08
bn171126235	4.84E-06 ± 2.68E-08	60.95 ± 3.56	43.86 ± 1.59	22.25 ± 0.59
bn171201068	6.16E-06 ± 2.41E-08	2.55 ± 0.65	1.65 ± 0.28	1.39 ± 0.14
bn171202113	6.18E-06 ± 3.88E-08	2.99 ± 0.56	2.35 ± 0.24	1.97 ± 0.11
bn171206122	8.15E-07 ± 3.69E-08	2.77 ± 0.80	2.31 ± 0.40	1.46 ± 0.16
bn171207055	1.21E-07 ± 8.81E-09	2.81 ± 0.64	2.55 ± 0.27	0.80 ± 0.10
bn171207809	1.33E-06 ± 2.86E-08	1.93 ± 0.47	1.12 ± 0.19	0.84 ± 0.08
bn171208733	4.06E-07 ± 2.00E-08	2.78 ± 0.52	2.55 ± 0.25	1.61 ± 0.11
bn171209671	1.87E-06 ± 1.33E-08	4.31 ± 0.54	3.86 ± 0.26	3.19 ± 0.12
bn171210493	4.55E-05 ± 4.93E-08	10.01 ± 0.81	8.99 ± 0.40	8.51 ± 0.20
bn171211844	8.62E-06 ± 4.20E-08	3.58 ± 0.57	3.06 ± 0.28	2.70 ± 0.13
bn171212222	1.35E-06 ± 1.16E-08	2.63 ± 0.50	1.91 ± 0.23	1.61 ± 0.11
bn171212434	2.65E-06 ± 3.21E-08	2.92 ± 0.54	1.89 ± 0.23	1.34 ± 0.09
bn171212948	5.84E-07 ± 2.30E-08	1.78 ± 0.56	1.34 ± 0.25	0.90 ± 0.10
bn171213061	6.66E-06 ± 7.07E-08	3.05 ± 1.06	1.67 ± 0.45	1.16 ± 0.19
bn171215705	9.58E-07 ± 3.52E-08	2.63 ± 0.72	1.82 ± 0.30	1.49 ± 0.14
bn171219279	1.05E-07 ± 9.54E-09	3.09 ± 0.50	1.11 ± 0.16	0.58 ± 0.07
bn171222684	1.55E-06 ± 1.91E-08	0.36 ± 0.10	0.27 ± 0.05	0.19 ± 0.02
bn171223818	5.69E-07 ± 1.17E-08	11.41 ± 0.86	8.34 ± 0.37	2.40 ± 0.11
bn171227000	1.05E-04 ± 4.40E-08	46.30 ± 2.04	44.26 ± 0.99	41.52 ± 0.48
bn171230048	4.32E-06 ± 4.13E-08	5.10 ± 0.57	4.63 ± 0.30	4.35 ± 0.15
bn171230119	1.17E-07 ± 1.48E-08	2.65 ± 0.57	1.97 ± 0.23	0.56 ± 0.07
bn171230955	9.33E-06 ± 1.68E-08	3.27 ± 0.50	2.69 ± 0.25	2.37 ± 0.12
bn180102660	4.53E-07 ± 2.05E-08	0.53 ± 0.14	0.33 ± 0.07	0.24 ± 0.03
bn180103090	5.33E-08 ± 1.05E-08	1.09 ± 0.53	1.09 ± 0.27	0.40 ± 0.12

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180110608	9.71E-08 ± 9.89E-09	0.96 ± 0.28	0.62 ± 0.12	0.53 ± 0.06
bn180111815	9.97E-07 ± 2.06E-08	1.53 ± 0.50	0.92 ± 0.22	0.72 ± 0.10
bn180112842	8.71E-07 ± 2.32E-08	1.70 ± 0.39	1.29 ± 0.23	1.03 ± 0.09
bn180113011	1.43E-05 ± 2.33E-08	30.10 ± 1.80	27.65 ± 0.89	21.40 ± 0.39
bn180113116	7.79E-06 ± 3.51E-08	6.88 ± 0.59	5.42 ± 0.28	4.89 ± 0.14
bn180113418	7.62E-05 ± 3.15E-08	29.25 ± 1.10	27.31 ± 0.53	26.25 ± 0.26
bn180116026	9.74E-07 ± 1.01E-08	1.42 ± 0.40	0.76 ± 0.15	0.60 ± 0.07
bn180116678	8.12E-06 ± 7.56E-08	2.47 ± 0.66	1.94 ± 0.33	1.13 ± 0.12
bn180119837	1.44E-06 ± 8.69E-09	7.30 ± 0.66	6.31 ± 0.31	4.95 ± 0.14
bn180120207	3.72E-05 ± 2.57E-08	16.06 ± 0.98	15.72 ± 0.48	14.71 ± 0.23
bn180122129	3.41E-07 ± 2.42E-08	2.61 ± 0.62	1.73 ± 0.29	1.05 ± 0.10
bn180123820	3.56E-08 ± 5.99E-09	1.08 ± 0.32	0.70 ± 0.12	0.31 ± 0.05
bn180124392	1.85E-06 ± 1.24E-08	1.96 ± 0.38	1.36 ± 0.17	1.04 ± 0.08
bn180125891	8.69E-06 ± 2.11E-08	4.98 ± 0.62	4.33 ± 0.30	3.86 ± 0.15
bn180126095	4.82E-06 ± 3.90E-08	7.57 ± 0.72	6.48 ± 0.34	5.66 ± 0.16
bn180127049	1.10E-06 ± 1.11E-08	1.98 ± 0.52	1.24 ± 0.19	1.01 ± 0.08
bn180127879	8.13E-07 ± 2.45E-08	1.11 ± 0.29	0.60 ± 0.12	0.48 ± 0.06
bn180128215	1.51E-07 ± 8.50E-09	4.82 ± 0.61	3.02 ± 0.24	1.03 ± 0.10
bn180128252	2.52E-06 ± 1.71E-08	3.15 ± 0.51	2.41 ± 0.24	2.19 ± 0.12
bn180128881	1.66E-07 ± 1.61E-08	1.49 ± 0.38	1.22 ± 0.19	0.77 ± 0.09
bn180130049	7.84E-06 ± 5.19E-08	3.53 ± 0.60	2.63 ± 0.24	2.07 ± 0.10
bn180130744	3.81E-08 ± 8.69E-09	1.53 ± 0.57	0.92 ± 0.27	0.32 ± 0.12
bn180131528	2.27E-08 ± 4.45E-09	0.65 ± 0.25	0.39 ± 0.12	0.21 ± 0.06
bn180201706	1.31E-07 ± 5.07E-09	4.88 ± 0.64	3.08 ± 0.26	0.82 ± 0.09
bn180201780	6.95E-08 ± 1.01E-08	2.77 ± 0.62	1.24 ± 0.19	0.45 ± 0.07
bn180204109	8.55E-07 ± 7.29E-09	9.88 ± 0.99	7.25 ± 0.37	3.15 ± 0.13
bn180205184	9.73E-07 ± 5.23E-08	2.29 ± 0.53	1.80 ± 0.25	1.28 ± 0.11
bn180205323	2.50E-06 ± 3.09E-08	1.73 ± 0.49	1.04 ± 0.20	0.79 ± 0.10
bn180206203	2.25E-07 ± 7.80E-09	4.77 ± 0.60	3.37 ± 0.27	1.26 ± 0.09
bn180208764	7.47E-07 ± 2.68E-08	1.78 ± 0.49	1.28 ± 0.21	0.85 ± 0.09
bn180210517	2.87E-05 ± 2.61E-08	13.22 ± 0.90	12.03 ± 0.43	8.77 ± 0.18
bn180210991	7.55E-06 ± 1.59E-08	4.96 ± 0.56	4.06 ± 0.27	2.80 ± 0.11
bn180211754	5.86E-07 ± 1.54E-08	1.05 ± 0.34	0.65 ± 0.15	0.42 ± 0.06
bn180218635	2.44E-05 ± 3.55E-08	42.86 ± 2.33	39.84 ± 1.12	33.85 ± 0.52
bn180219482	2.57E-05 ± 1.04E-07	11.32 ± 1.15	9.12 ± 0.52	6.73 ± 0.24
bn180222239	4.08E-06 ± 2.70E-08	2.88 ± 0.68	2.27 ± 0.27	1.81 ± 0.12
bn180225417	1.56E-07 ± 7.02E-09	2.36 ± 0.48	1.57 ± 0.18	0.80 ± 0.08
bn180227211	9.55E-08 ± 1.27E-08	3.98 ± 0.68	2.33 ± 0.29	0.57 ± 0.12
bn180305393	2.81E-05 ± 3.55E-08	22.06 ± 1.16	20.90 ± 0.57	18.73 ± 0.27
bn180306479	1.08E-06 ± 5.84E-08	2.31 ± 0.77	1.30 ± 0.29	0.75 ± 0.13

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Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180306973	2.01E-06 ± 3.38E-08	1.97 ± 0.48	1.34 ± 0.23	0.90 ± 0.11
bn180307073	1.34E-05 ± 2.95E-08	3.97 ± 0.52	3.20 ± 0.25	2.63 ± 0.12
bn180309322	3.05E-06 ± 2.86E-08	2.53 ± 0.41	2.16 ± 0.24	1.83 ± 0.11
bn180311074	4.17E-07 ± 1.85E-08	7.70 ± 1.26	3.82 ± 0.44	2.09 ± 0.17
bn180313978	1.02E-07 ± 5.79E-09	11.18 ± 0.69	3.25 ± 0.22	0.77 ± 0.08
bn180314030	9.12E-06 ± 1.69E-08	4.46 ± 0.68	3.77 ± 0.32	3.42 ± 0.16
bn180330891	2.36E-06 ± 2.03E-08	4.37 ± 0.52	4.09 ± 0.26	3.96 ± 0.13
bn180401280	3.14E-06 ± 3.93E-08	3.38 ± 0.48	2.84 ± 0.21	1.86 ± 0.09
bn180401846	1.33E-05 ± 4.19E-08	12.64 ± 1.46	11.51 ± 0.69	9.71 ± 0.33
bn180402406	4.00E-07 ± 1.52E-08	9.74 ± 1.02	6.04 ± 0.42	1.64 ± 0.13
bn180402481	2.66E-07 ± 1.20E-08	6.04 ± 1.24	3.97 ± 0.50	1.19 ± 0.17
bn180403565	1.85E-06 ± 1.99E-08	2.97 ± 0.67	2.14 ± 0.29	1.47 ± 0.12
bn180404091	1.70E-05 ± 6.81E-08	6.07 ± 0.79	5.00 ± 0.37	4.40 ± 0.18
bn180404848	1.22E-07 ± 2.43E-08	5.38 ± 0.83	2.69 ± 0.34	0.92 ± 0.12
bn180405169	4.35E-06 ± 2.39E-08	4.02 ± 0.44	3.50 ± 0.21	2.43 ± 0.10
bn180409346	2.43E-05 ± 3.88E-08	22.02 ± 1.76	18.27 ± 0.65	15.37 ± 0.35
bn180410336	1.46E-06 ± 3.26E-08	1.40 ± 0.50	0.74 ± 0.19	0.51 ± 0.09
bn180411519	1.15E-05 ± 1.19E-07	6.79 ± 1.61	5.04 ± 0.65	4.20 ± 0.29
bn180411546	3.80E-06 ± 2.27E-07	5.39 ± 1.80	3.68 ± 0.84	2.41 ± 0.34
bn180412425	1.65E-06 ± 9.94E-09	3.26 ± 0.61	2.61 ± 0.27	1.96 ± 0.11
bn180413118	4.39E-06 ± 1.28E-08	2.24 ± 0.53	1.37 ± 0.16	1.13 ± 0.08
bn180416340	2.18E-05 ± 1.09E-07	12.43 ± 0.81	11.87 ± 0.40	10.61 ± 0.19
bn180416924	3.69E-06 ± 6.81E-08	5.96 ± 1.24	4.51 ± 0.67	2.82 ± 0.28
bn180417689	1.04E-07 ± 1.40E-08	3.83 ± 0.53	2.62 ± 0.20	0.73 ± 0.07
bn180418281	3.60E-07 ± 5.30E-09	3.73 ± 0.57	3.14 ± 0.25	1.71 ± 0.10
bn180420031	1.87E-06 ± 2.57E-08	1.53 ± 0.47	1.03 ± 0.21	0.58 ± 0.10
bn180420107	2.65E-06 ± 1.76E-08	1.88 ± 0.38	1.41 ± 0.18	1.26 ± 0.09
bn180423033	1.78E-06 ± 2.59E-08	1.67 ± 0.33	1.39 ± 0.18	1.06 ± 0.08
bn180423266	3.31E-07 ± 1.25E-08	1.76 ± 0.47	1.45 ± 0.23	1.13 ± 0.11
bn180426005	4.62E-06 ± 3.80E-08	2.71 ± 0.87	1.92 ± 0.35	1.70 ± 0.17
bn180426549	6.25E-06 ± 1.79E-08	8.31 ± 0.98	7.65 ± 0.47	6.95 ± 0.23
bn180427442	3.25E-05 ± 6.62E-08	21.67 ± 2.07	19.44 ± 0.98	17.64 ± 0.47
bn180428102	2.78E-06 ± 2.34E-08	5.47 ± 0.74	4.48 ± 0.35	2.89 ± 0.15
bn180504136	7.80E-06 ± 1.90E-08	6.45 ± 0.71	5.29 ± 0.33	4.30 ± 0.15
bn180505540	1.02E-05 ± 5.03E-08	16.37 ± 1.55	15.91 ± 0.87	12.14 ± 0.37
bn180506077	4.52E-06 ± 2.68E-08	2.77 ± 0.46	2.00 ± 0.21	1.55 ± 0.09
bn180506902	1.13E-06 ± 1.18E-08	2.40 ± 0.58	1.64 ± 0.22	1.34 ± 0.10
bn180511364	7.43E-08 ± 1.30E-08	4.28 ± 0.58	1.52 ± 0.20	0.46 ± 0.08
bn180511437	4.25E-07 ± 9.63E-09	2.50 ± 0.41	2.31 ± 0.20	1.75 ± 0.09
bn180511606	8.08E-07 ± 2.69E-08	2.08 ± 0.52	1.43 ± 0.24	0.99 ± 0.10

Table 8 continued on next page

Table 8 *(continued)*

Trigger ID	Fluence (erg cm^{-2})	PF64 (ph cm^{-2} s^{-1})	PF256 (ph cm^{-2} s^{-1})	PF1024 (ph cm^{-2} s^{-1})
bn180513815	7.45E-07 ± 5.26E-08	1.01 ± 0.53	0.61 ± 0.15	0.41 ± 0.08
bn180515814	7.77E-06 ± 3.35E-08	6.09 ± 0.99	4.69 ± 0.42	3.82 ± 0.20
bn180516229	1.06E-06 ± 3.53E-08	2.14 ± 0.51	1.46 ± 0.22	1.15 ± 0.10
bn180517309	1.08E-06 ± 1.41E-08	1.74 ± 0.38	1.19 ± 0.17	1.01 ± 0.09
bn180521935	3.57E-07 ± 1.25E-08	0.79 ± 0.39	0.68 ± 0.18	0.50 ± 0.07
bn180522607	7.82E-07 ± 2.56E-08	2.46 ± 0.42	1.86 ± 0.24	1.30 ± 0.11
bn180522678	2.34E-06 ± 1.90E-08	5.35 ± 0.73	4.64 ± 0.30	2.70 ± 0.12
bn180523782	1.03E-07 ± 1.18E-08	2.34 ± 0.64	1.08 ± 0.21	0.49 ± 0.07
bn180524416	3.53E-07 ± 1.46E-08	1.65 ± 0.37	1.33 ± 0.18	0.89 ± 0.08
bn180524920	3.44E-07 ± 6.14E-09	1.30 ± 0.36	1.10 ± 0.20	0.70 ± 0.08
bn180525151	8.52E-08 ± 8.40E-09	3.99 ± 0.43	1.93 ± 0.18	0.56 ± 0.08
bn180528371	3.70E-07 ± 1.96E-08	1.44 ± 0.37	1.08 ± 0.19	0.83 ± 0.09
bn180528465	3.27E-07 ± 2.27E-08	0.83 ± 0.35	0.69 ± 0.16	0.51 ± 0.07
bn180602938	1.17E-07 ± 7.52E-09	8.52 ± 0.86	2.82 ± 0.27	0.81 ± 0.09
bn180605458	6.77E-06 ± 1.89E-08	8.32 ± 0.49	5.82 ± 0.29	3.70 ± 0.12
bn180606730	6.27E-07 ± 2.22E-08	3.19 ± 0.59	2.53 ± 0.28	1.47 ± 0.12
bn180610377	4.82E-06 ± 3.52E-08	1.48 ± 0.35	1.01 ± 0.17	0.75 ± 0.08
bn180610568	7.47E-07 ± 1.10E-08	2.36 ± 0.55	1.81 ± 0.25	1.47 ± 0.12
bn180610791	2.14E-06 ± 5.32E-08	2.58 ± 0.78	1.71 ± 0.31	1.35 ± 0.14
bn180611145	2.56E-06 ± 1.62E-08	5.51 ± 0.56	4.92 ± 0.25	3.98 ± 0.12
bn180612785	8.03E-06 ± 3.00E-08	7.21 ± 0.84	6.41 ± 0.40	5.95 ± 0.18
bn180614327	2.42E-07 ± 1.22E-08	1.42 ± 0.41	0.85 ± 0.20	0.50 ± 0.09
bn180615462	8.40E-06 ± 1.08E-07	8.43 ± 1.39	7.47 ± 0.62	6.52 ± 0.29
bn180617872	3.16E-07 ± 1.37E-08	3.89 ± 0.58	2.80 ± 0.26	1.42 ± 0.10
bn180618030	6.12E-07 ± 7.78E-09	7.37 ± 1.02	7.09 ± 0.50	2.51 ± 0.15
bn180618724	9.82E-06 ± 2.96E-08	6.27 ± 0.83	5.38 ± 0.36	4.31 ± 0.16
bn180620354	2.52E-06 ± 2.87E-08	3.10 ± 0.53	2.77 ± 0.25	2.45 ± 0.12
bn180620660	5.64E-06 ± 5.49E-08	4.04 ± 0.96	3.47 ± 0.46	2.75 ± 0.21
bn180622273	9.98E-07 ± 2.96E-08	1.70 ± 0.60	1.59 ± 0.29	0.70 ± 0.11
bn180622578	3.80E-06 ± 6.87E-08	2.59 ± 0.47	1.78 ± 0.21	1.61 ± 0.11
bn180623849	1.04E-05 ± 1.83E-08	7.44 ± 0.73	6.49 ± 0.35	6.05 ± 0.17
bn180625941	1.98E-07 ± 2.40E-08	3.11 ± 0.79	2.40 ± 0.30	1.19 ± 0.13
bn180626392	3.11E-07 ± 1.94E-08	6.24 ± 0.86	3.27 ± 0.34	1.59 ± 0.14
bn180630335	1.68E-06 ± 1.86E-08	1.67 ± 0.45	1.16 ± 0.19	0.94 ± 0.09
bn180630467	1.44E-06 ± 1.41E-08	3.05 ± 0.58	2.88 ± 0.28	2.40 ± 0.14
bn180701469	2.54E-06 ± 1.95E-08	3.70 ± 0.55	2.64 ± 0.22	1.82 ± 0.09
bn180703876	7.81E-06 ± 2.34E-08	7.22 ± 0.66	6.31 ± 0.31	5.99 ± 0.15
bn180703949	5.65E-06 ± 9.73E-09	61.12 ± 1.93	51.31 ± 0.87	24.83 ± 0.31
bn180706351	1.99E-06 ± 1.64E-08	3.06 ± 0.63	1.51 ± 0.27	1.11 ± 0.09
bn180709099	2.19E-06 ± 1.57E-08	5.67 ± 0.52	5.26 ± 0.25	4.28 ± 0.12
bn180710062	2.36E-06 ± 1.85E-08	1.59 ± 0.42	0.87 ± 0.19	0.71 ± 0.09