GRB Archive

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March 2022

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1 Comfirmed GRBs

1.1 GRB 180720B

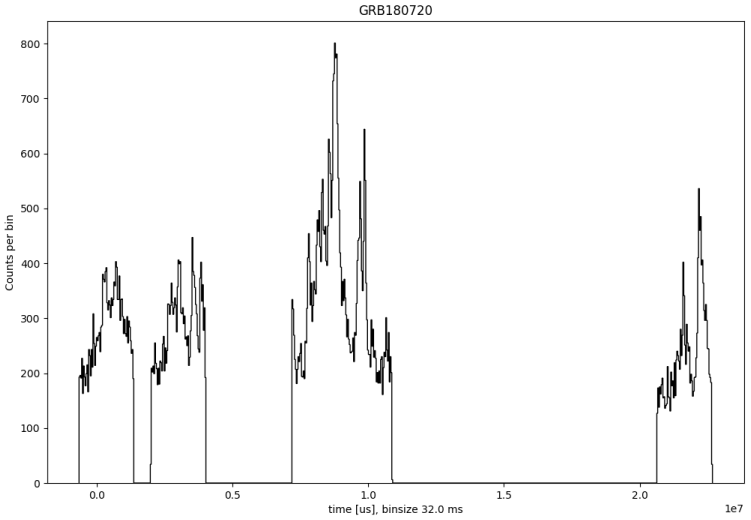

Figure 1: ASIM HED light curve. T0 = 14:21:48.227

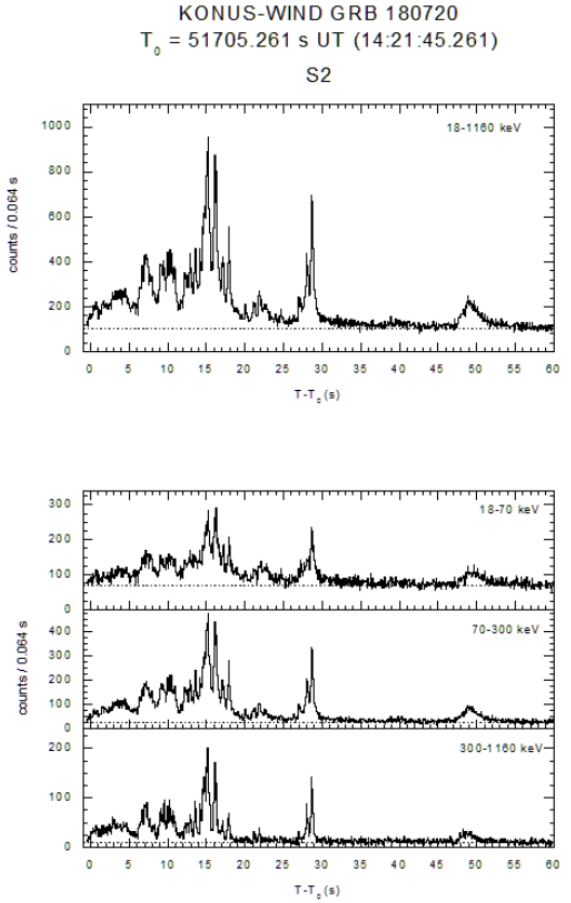

Figure 2: KW light curve

1.2 GRB 181103A

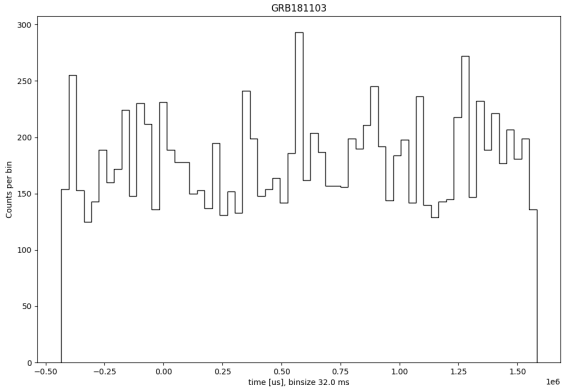

Figure 3: ASIM LED light curve. T0 = 03:49:28.312

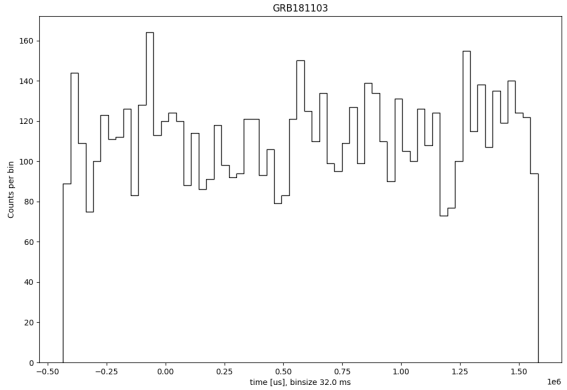

Figure 4: ASIM HED light curve. T0 = 04:22:33.995

1.3 GRB 181222B

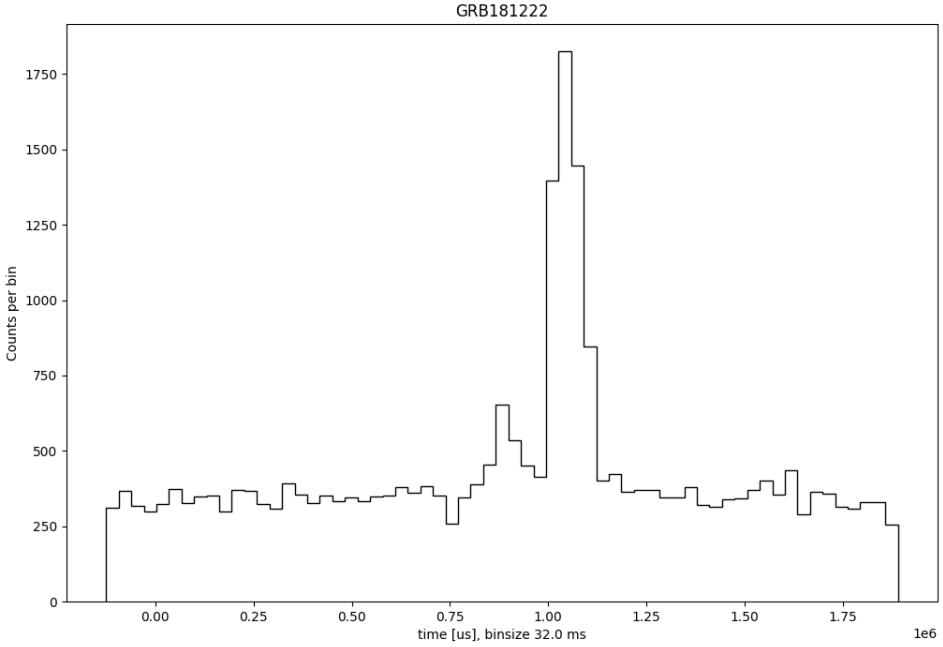

Figure 5: ASIM HED light curve. T0 = 20:11:36.161

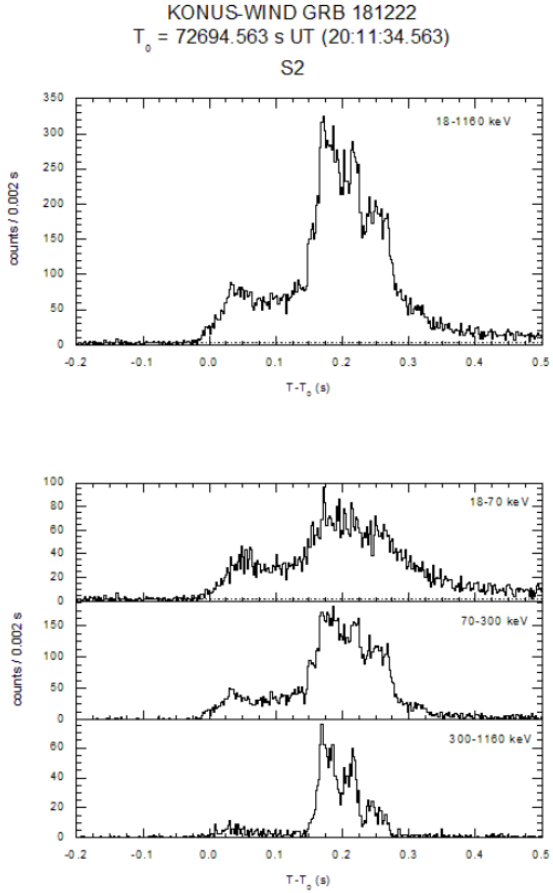

Figure 6: KW light curve

1.4 GRB 181227A

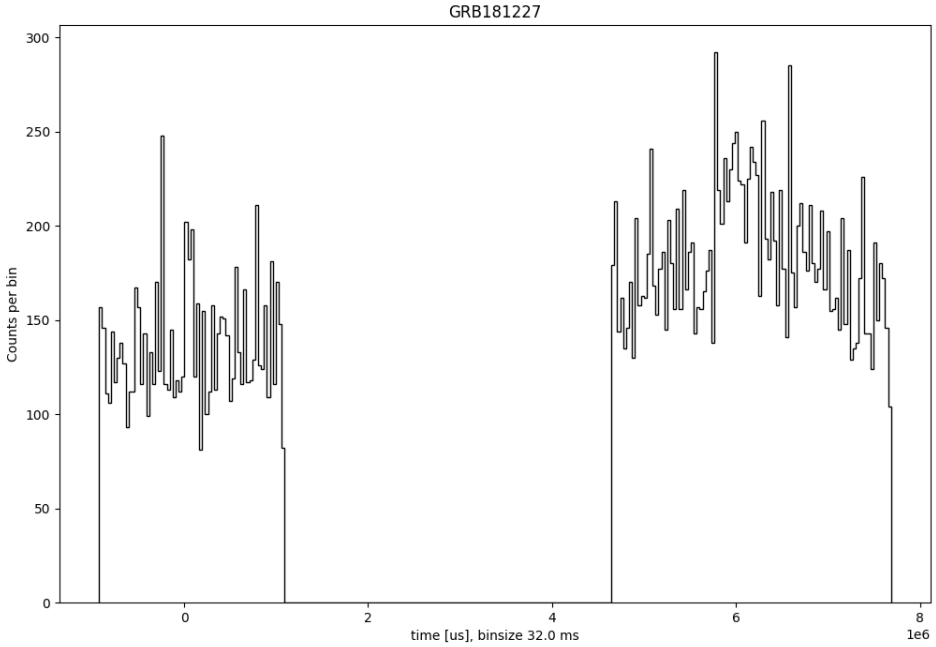

Figure 7: ASIM LED light curve. T0 = 06:17:04.128

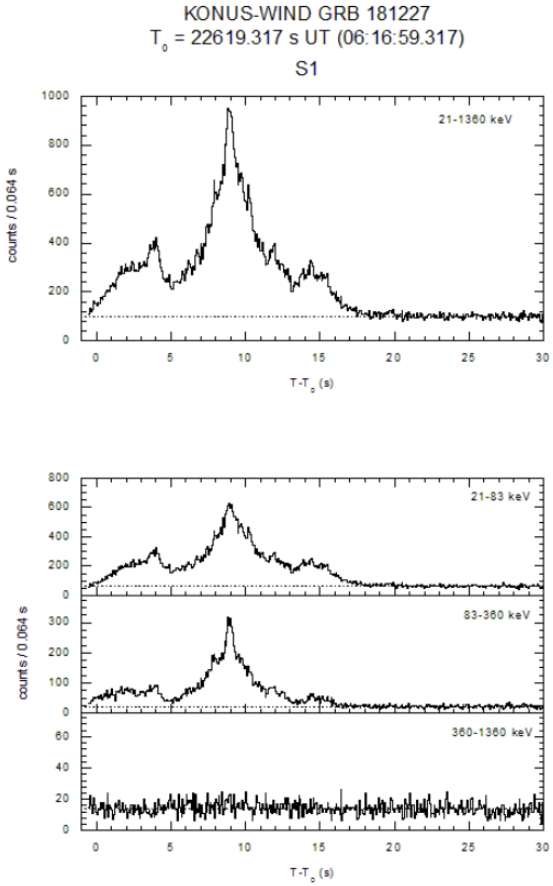

Figure 8: KW light curve

1.5 GRB 190117B

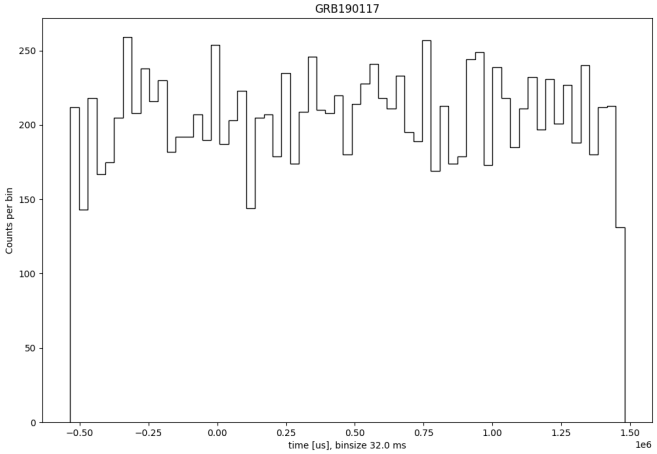

Figure 9: ASIM HED light curve. T0 = 08:50:43.110 UT

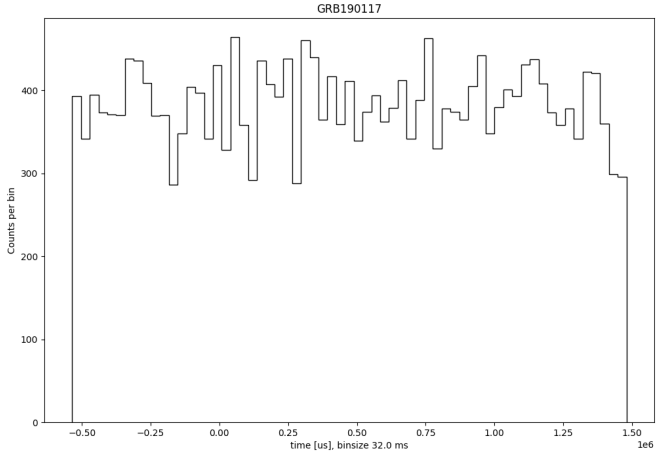

Figure 10: ASIM LED light curve. T0 = 08:50:43.110 UT

1.6 GRB 190206A

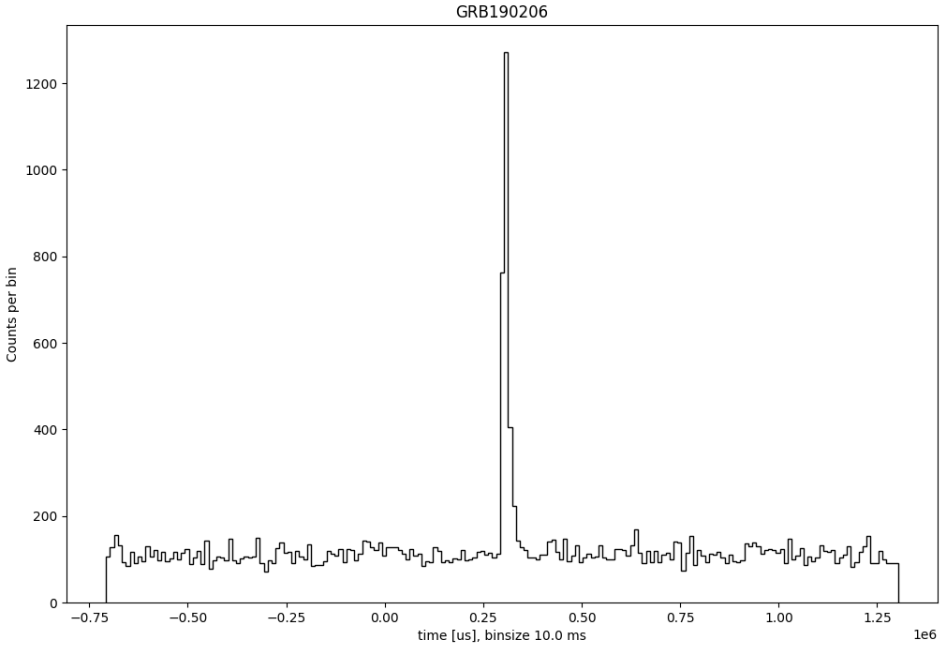

Figure 11: ASIM HED light curve.

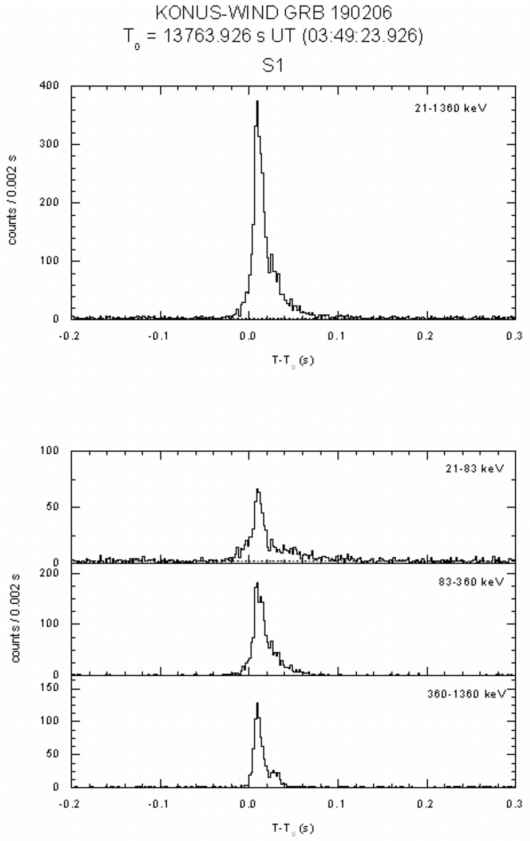

Figure 12: KW light curve

1.7 GRB 190305A

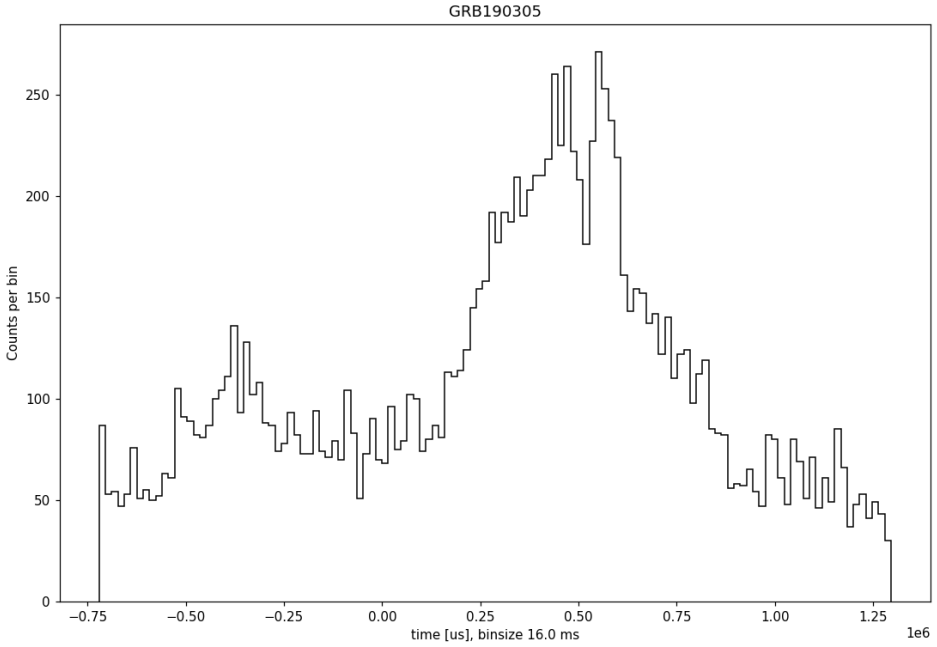

Figure 13: ASIM HED light curve. T0 = 13:05:19.779

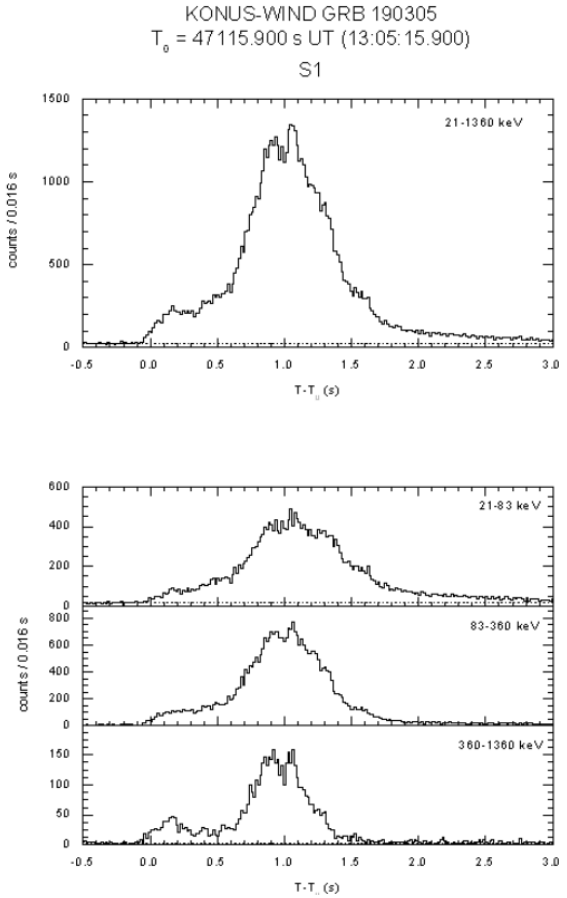

Figure 14: KW light curve

1.8 GRB 190320A

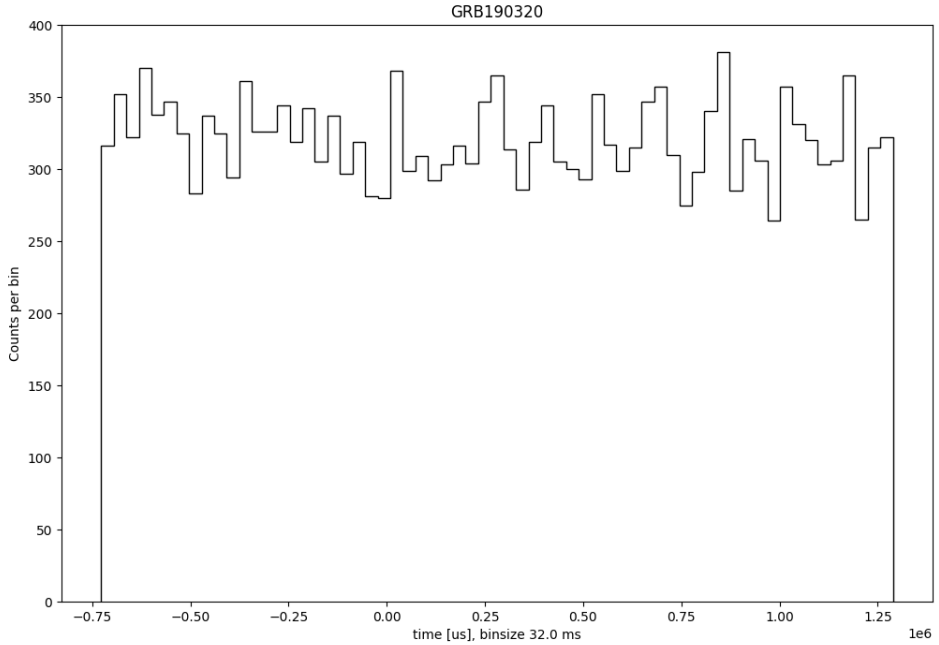

Figure 15: ASIM HED light curve. T0 = 20:11:36.161

1.9 GRB 190404A

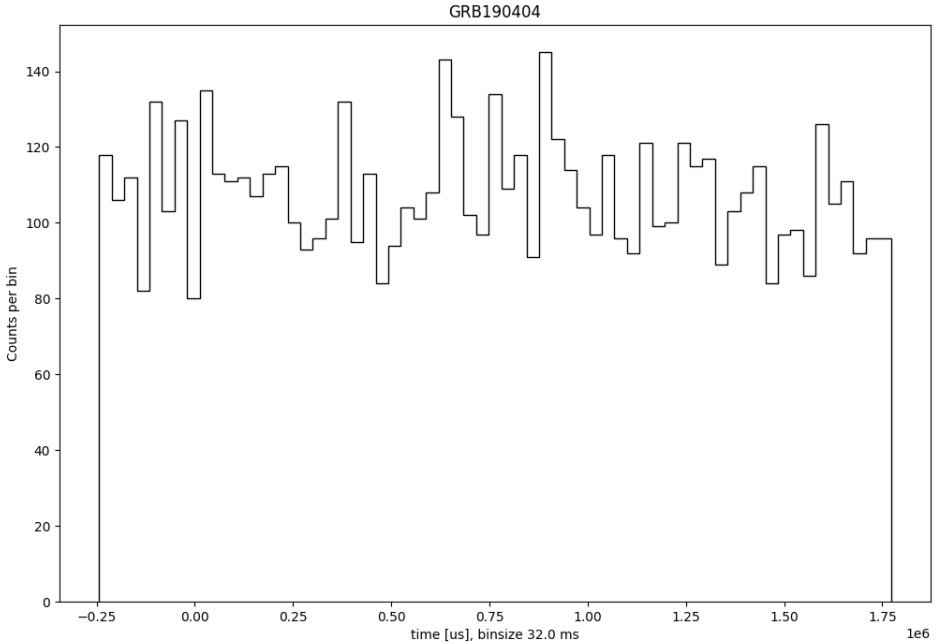

Figure 16: ASIM HED light curve. T0 = 07:01:05.828

1.10 GRB 190420A

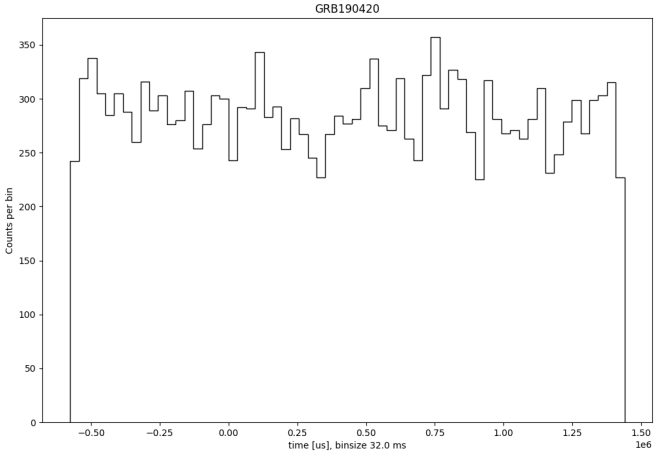

Figure 17: ASIM HED light curve. T0 = 23:32:23.512

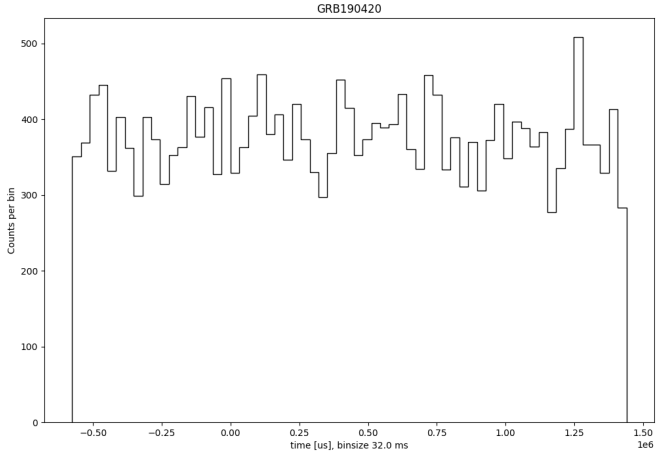

Figure 18: ASIM LED light curve.

1.11 GRB 190501A

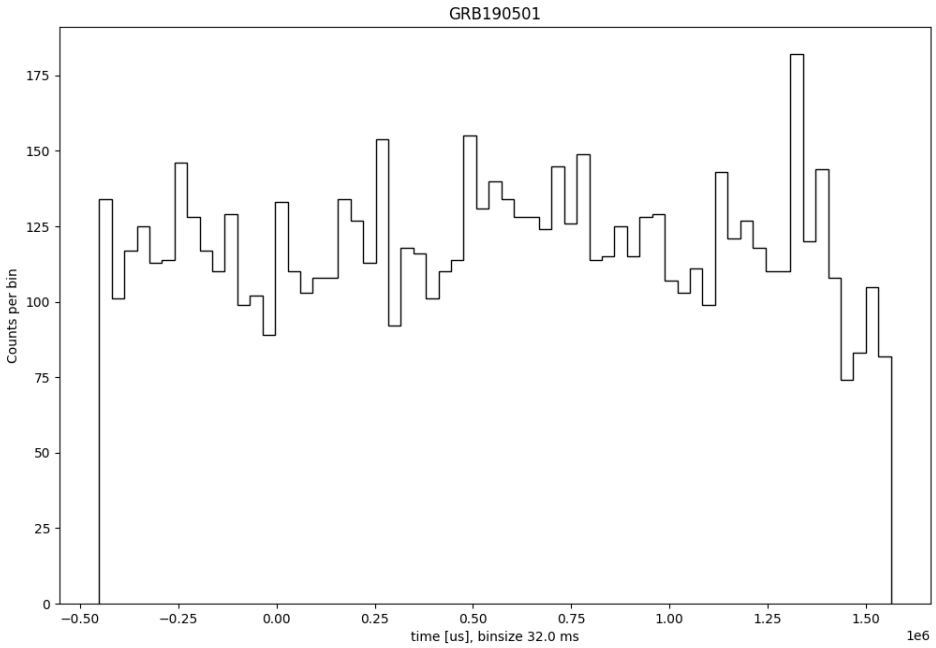

Figure 19: ASIM HED light curve. T0 = 05:23:22.111

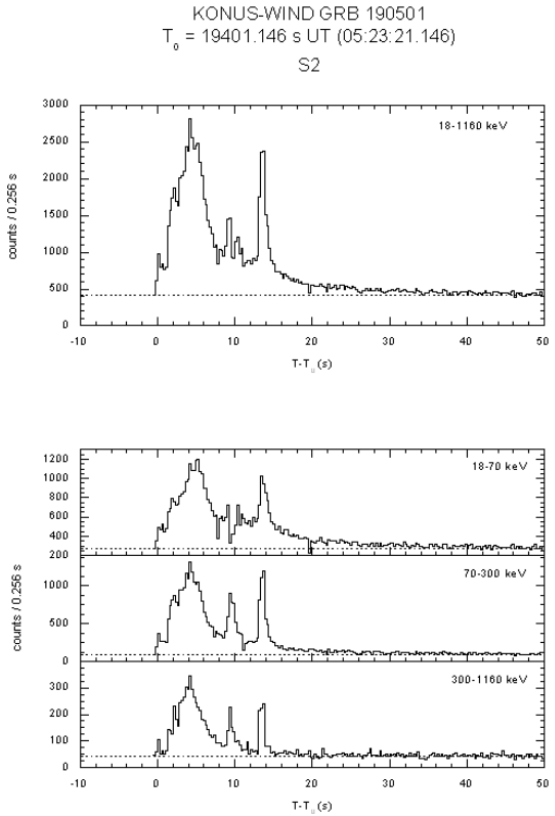

Figure 20: KW light curve

1.12 GRB 190606A

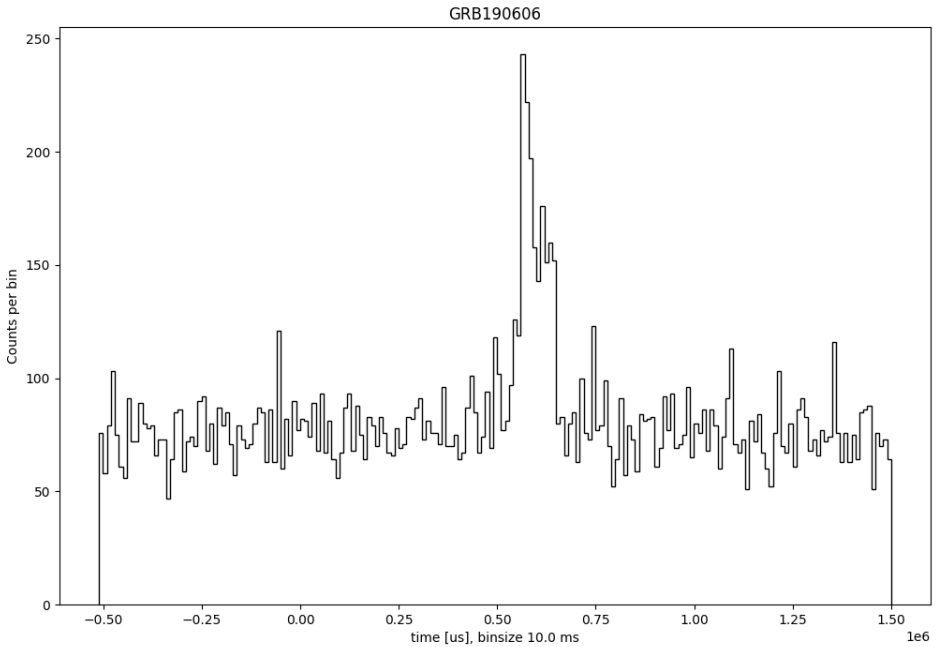

Figure 21: ASIM HED light curve. T0 = 01:55:07.164

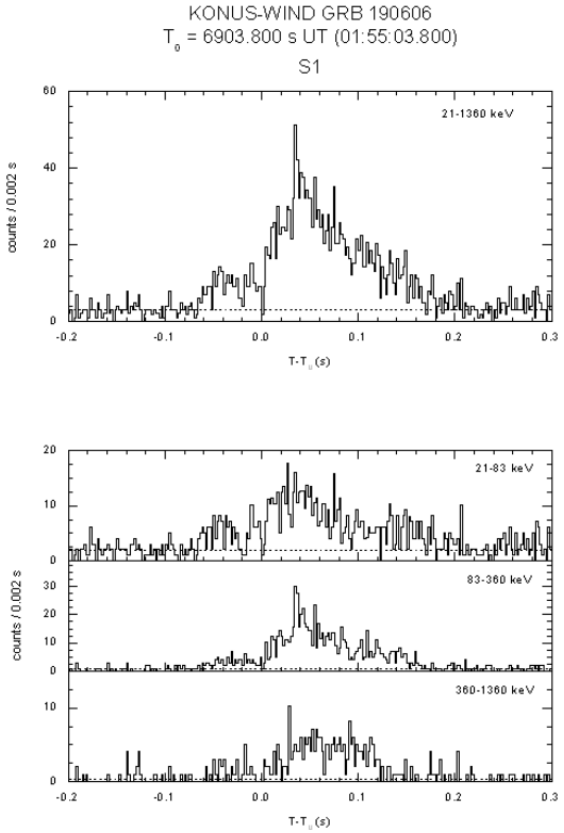

Figure 22: KW light curve

1.13 GRB 190615B

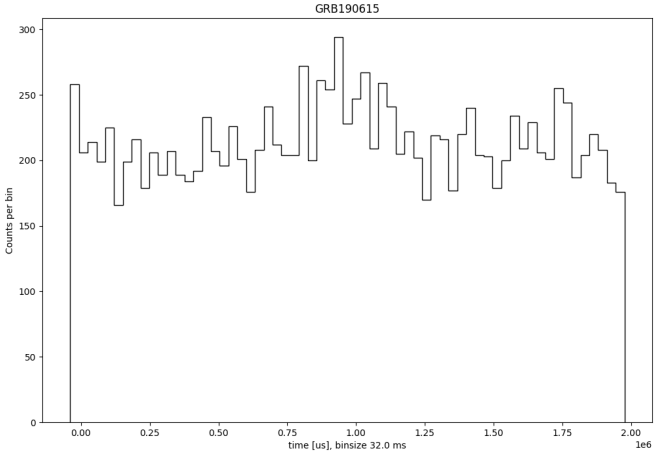

Figure 23: ASIM HED light curve. T0 = 14:42:21.778

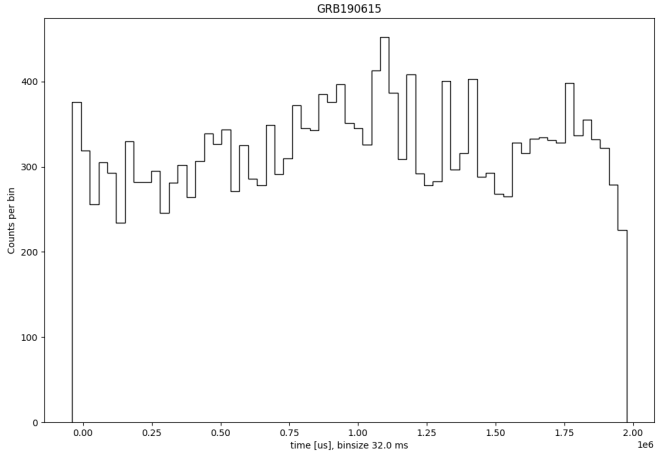

Figure 24: ASIM LED light curve. T0 = 14:42:21.778

1.14 GRB 190628B

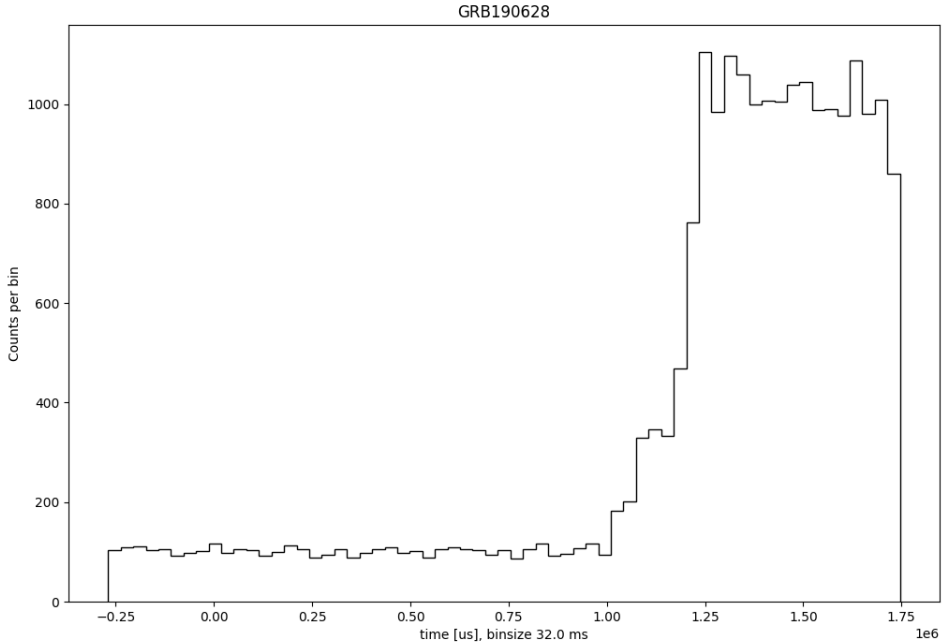

Figure 25: ASIM LED light curve. T0 = 04:23:32.760

1.15 GRB 190706B

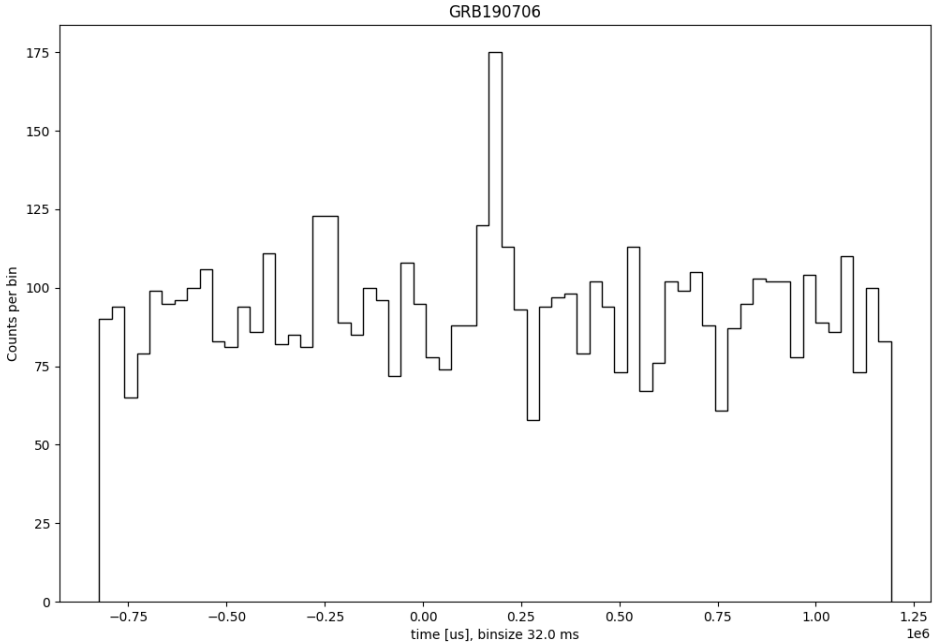

Figure 26: ASIM HED light curve. T0 = 12:40:43.077

1.16 GRB 190829A

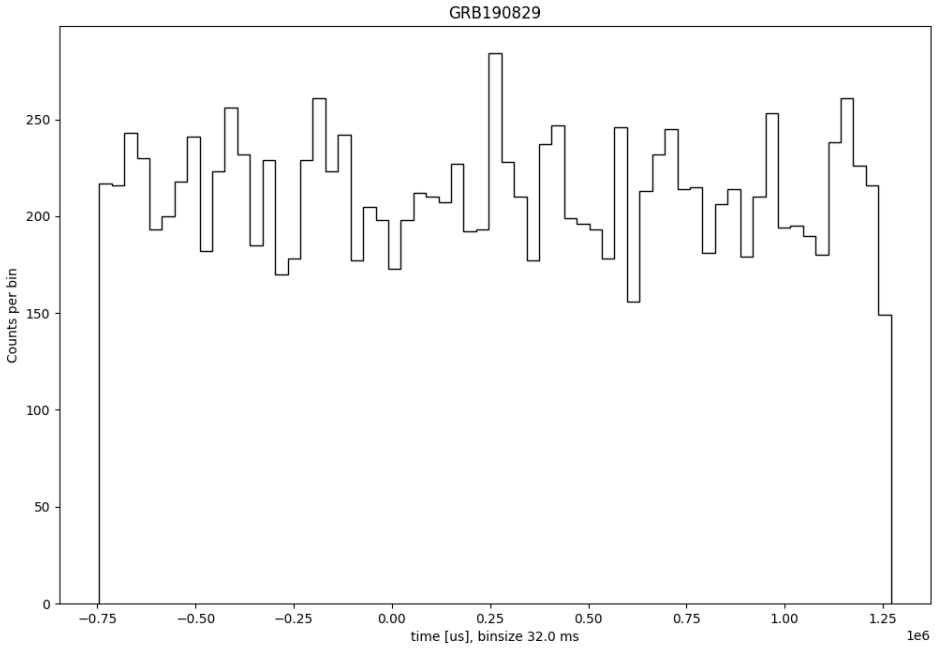

Figure 27: ASIM HED light curve. T0 = 19:56:40.545

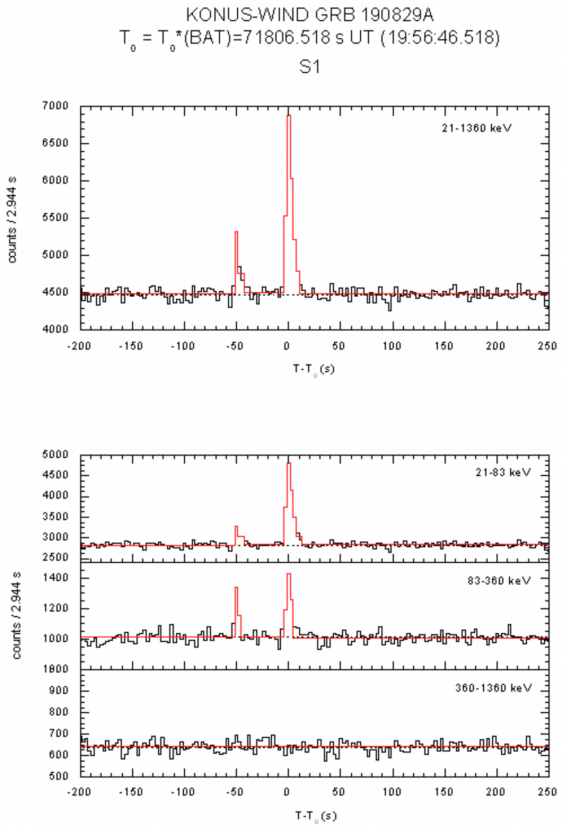

Figure 28: KW light curve

1.17 GRB 190906A

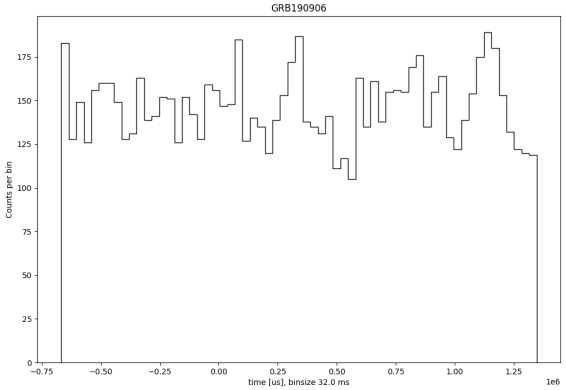

Figure 29: ASIM HED light curve. T0 = 01:04:51.412

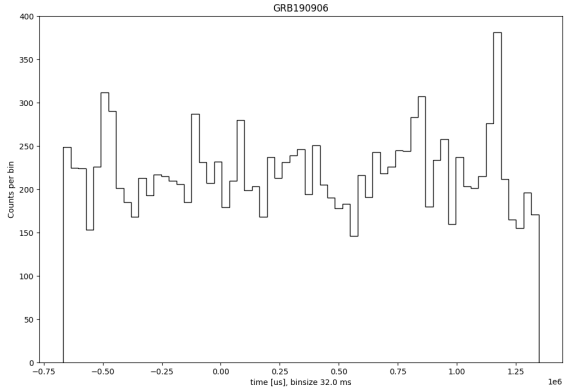

Figure 30: ASIM LED light curve. T0 = 01:04:51.412

1.18 GRB 191001A

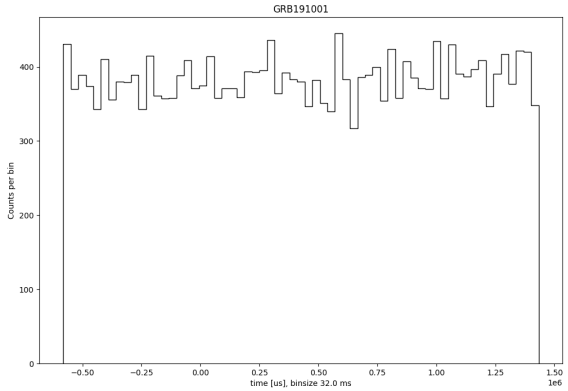

Figure 31: ASIM HED light curve. T0 = 06:41:52.029

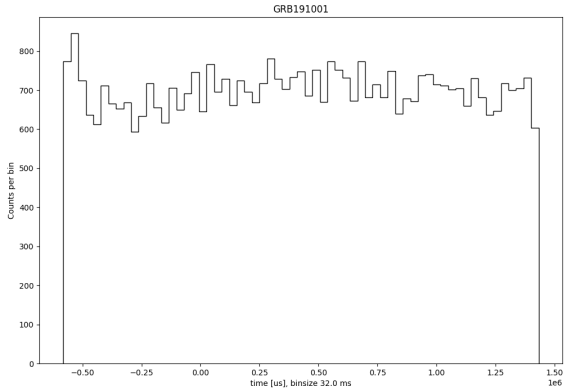

Figure 32: ASIM LED light curve. T0 = 06:41:52.029

1.19 GRB 191004A

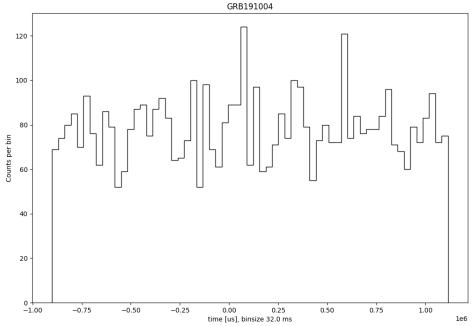

Figure 33: ASIM HED light curve. T0 = 18:07:03.412

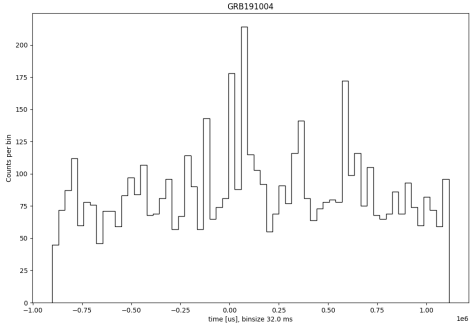

Figure 34: ASIM LED light curve. T0 = 18:07:03.412

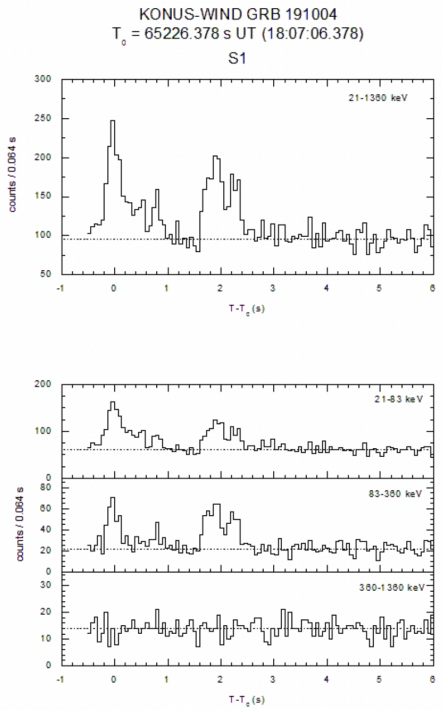

Figure 35: KW light curve.

1.20 GRB 191221B

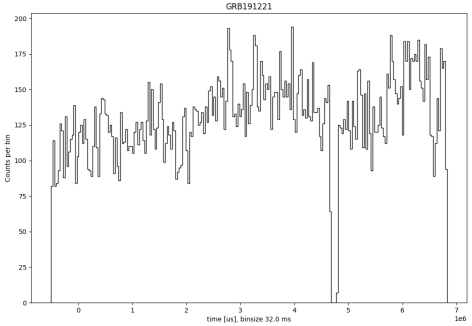

Figure 36: ASIM HED light curve. T0 = 20:39:10.910

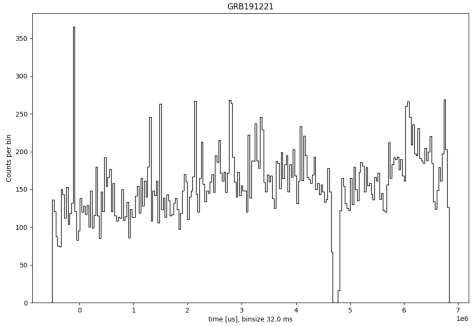

Figure 37: ASIM LED light curve. T0 = 20:39:10.910

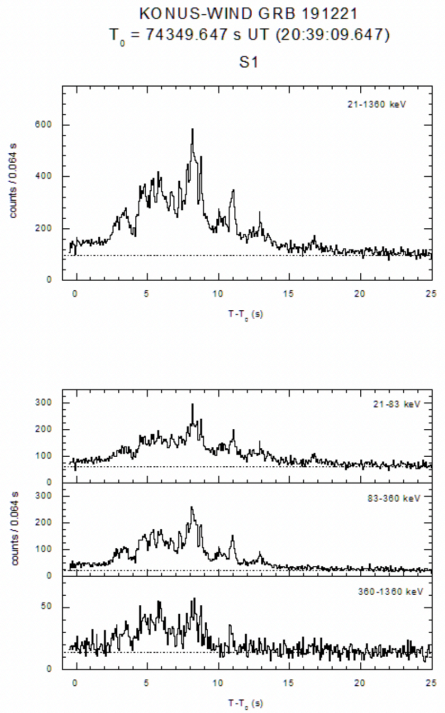

Figure 38: KW light curve.

1.21 GRB 191227B

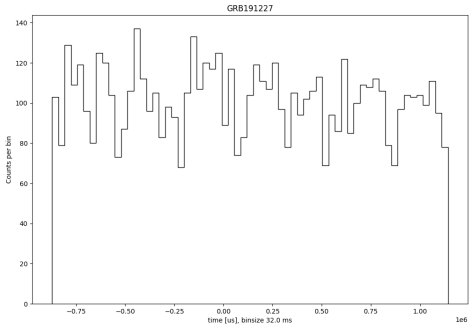

Figure 39: ASIM HED light curve. T0 = 17:21:45.412

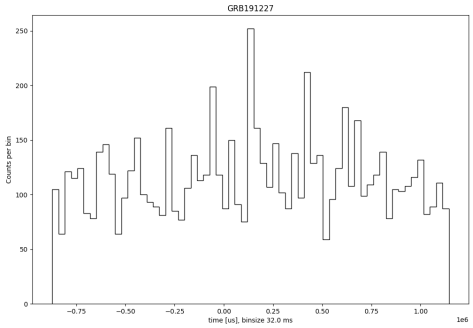

Figure 40: ASIM LED light curve. T0 = 17:21:45.412

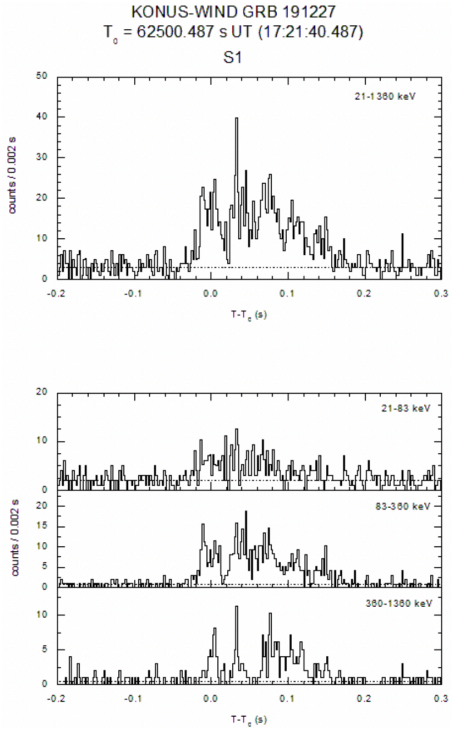

Figure 41: KW light curve.

1.22 GRB 200111A

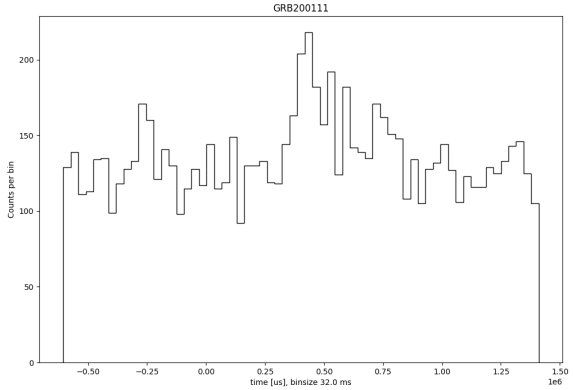

Figure 42: ASIM HED light curve. T0 = 15:11:12.960

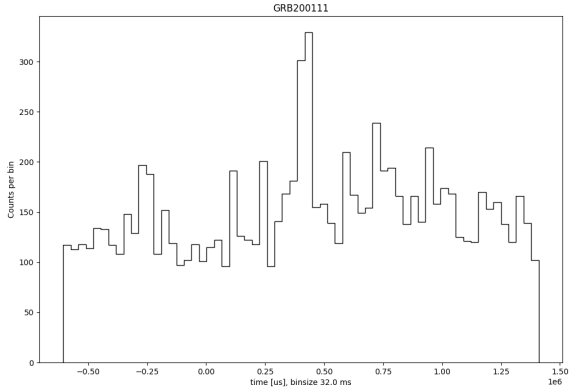

Figure 43: ASIM LED light curve. T0 = 15:11:12.960

1.23 GRB 200122B

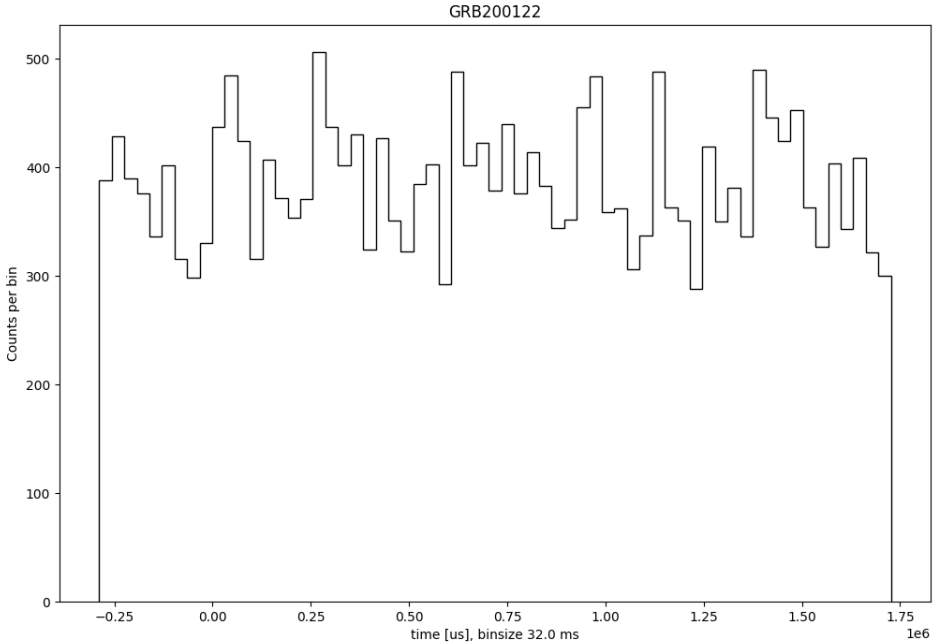

Figure 44: ASIM LED light curve. T0 = 05:18:09.693

1.24 GRB 200224C

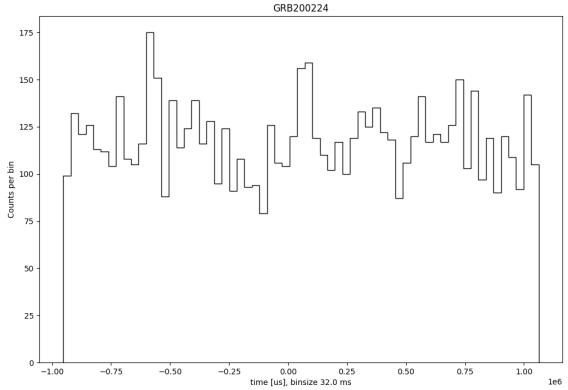

Figure 45: ASIM HED light curve. T0 = 09:58:44.543

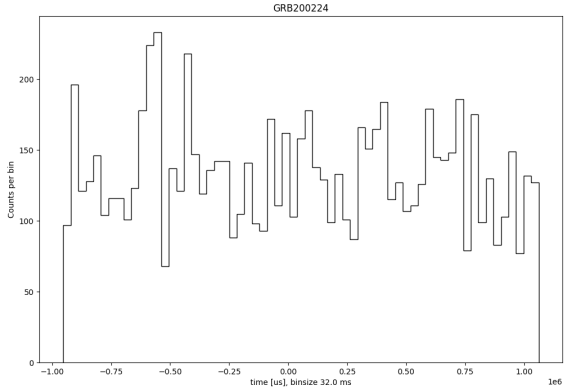

Figure 46: ASIM LED light curve. T0 = 09:58:44.543

1.25 GRB 200412A

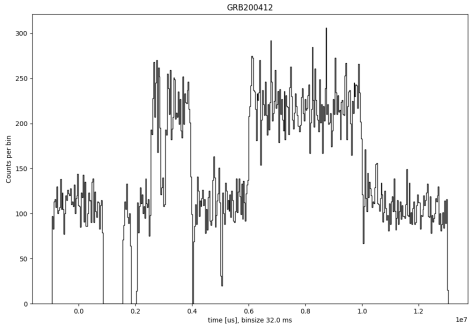

Figure 47: ASIM HED light curve. T0 = 08:48:05.561

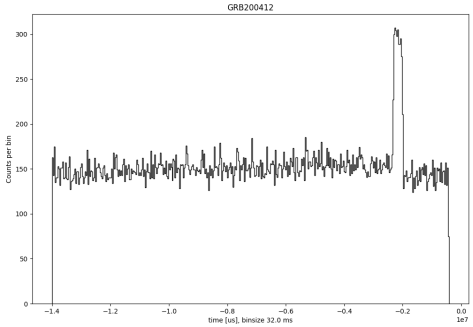

Figure 48: ASIM LED light curve. T0 = 08:48:05.561

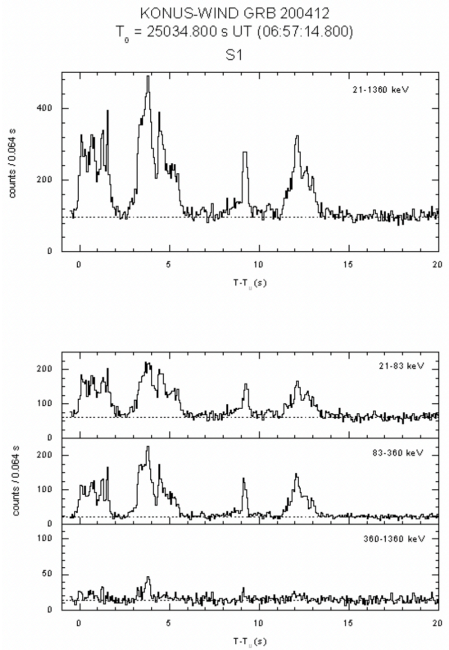

Figure 49: KW light curve.

1.26 GRB 200415A

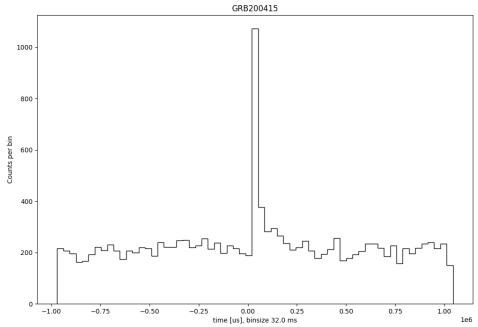

Figure 50: ASIM HED light curve. T0 = 06:57:13.877

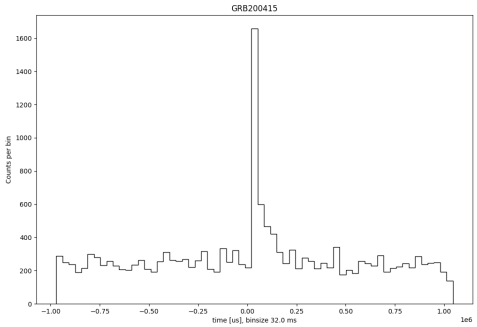

Figure 51: ASIM LED light curve. T0 = 06:57:13.877

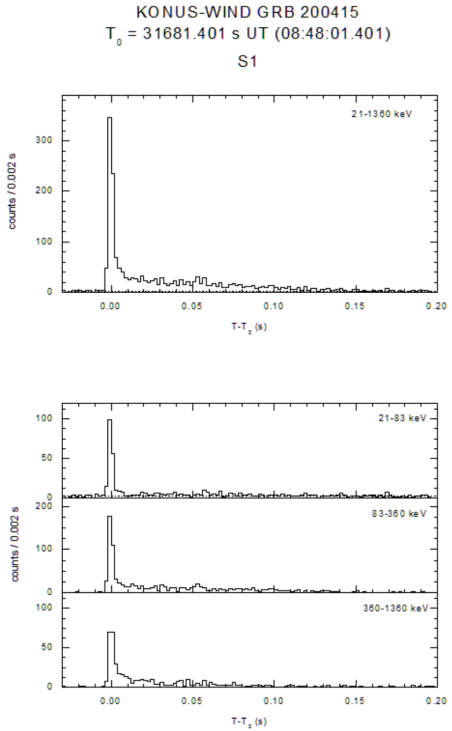

Figure 52: KW light curve.

1.27 GRB 200423A

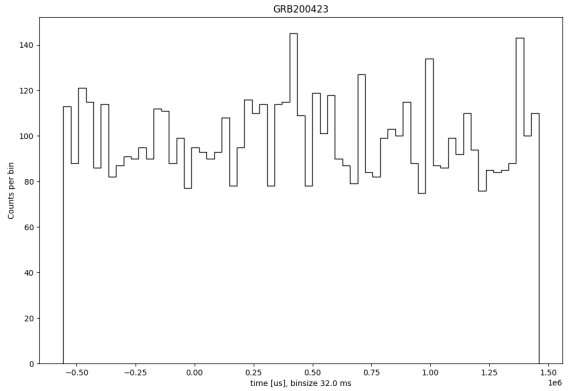

Figure 53: ASIM HED light curve. T0 = 13:54:06.029

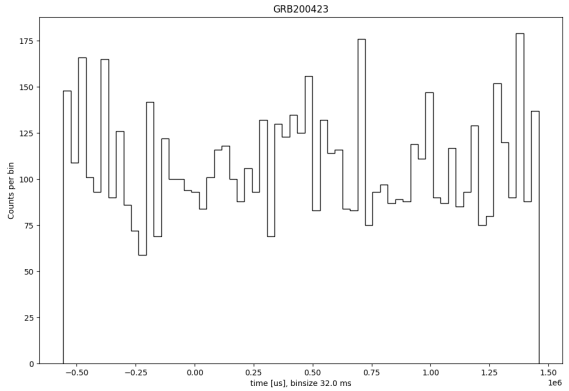

Figure 54: ASIM LED light curve. T0 = 13:54:06.029

1.28 GRB 200521A

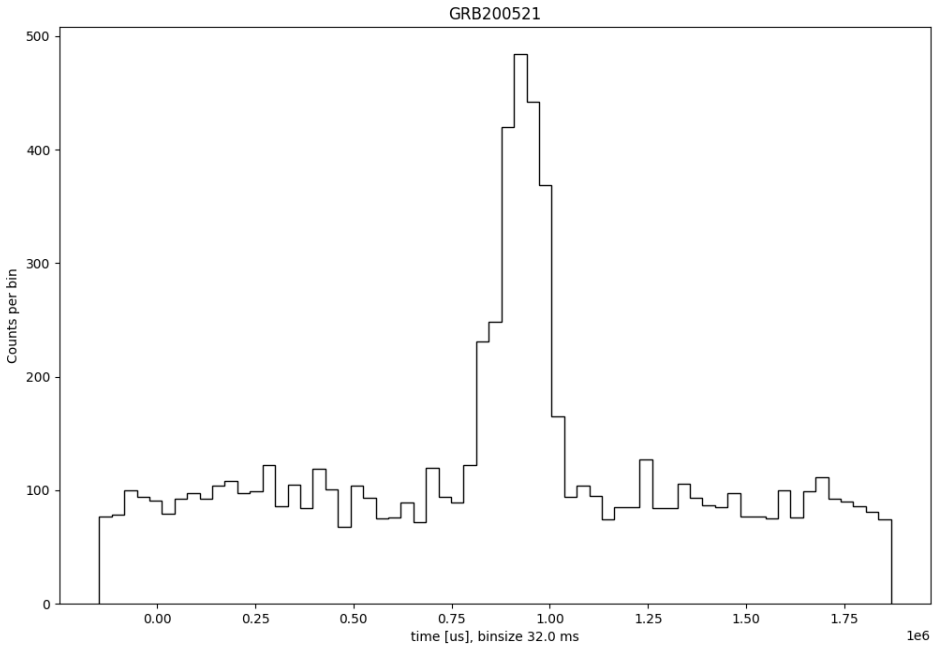

Figure 55: ASIM HED light curve. T0 = 12:16:39.798

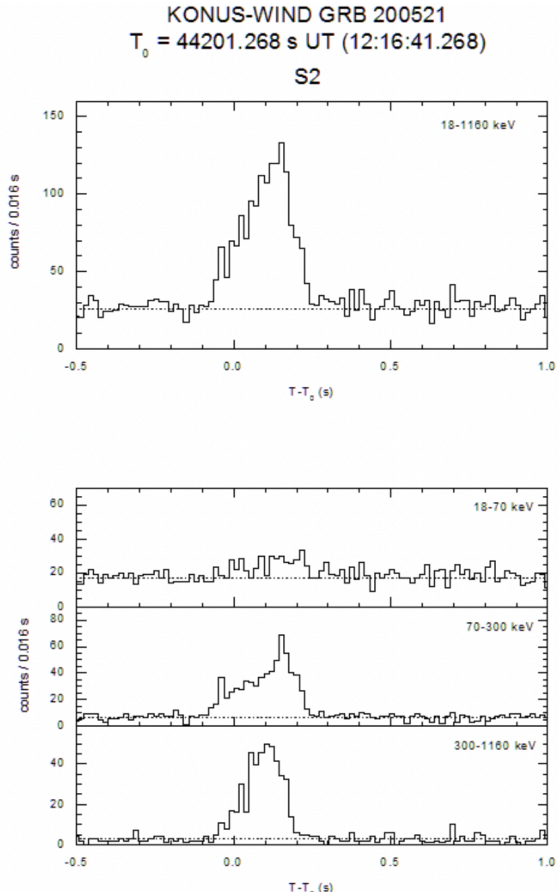

Figure 56: KW light curve

1.29 GRB 200525A

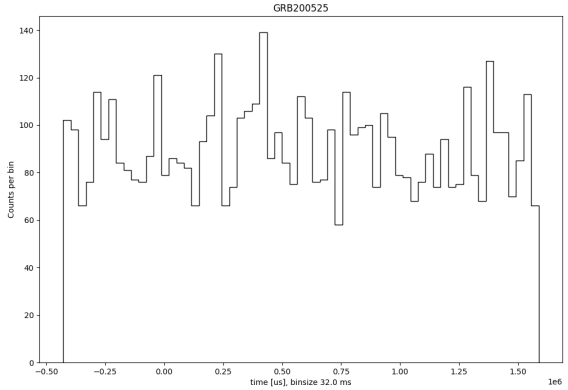

Figure 57: ASIM HED light curve. T0 = 14:40:22.377

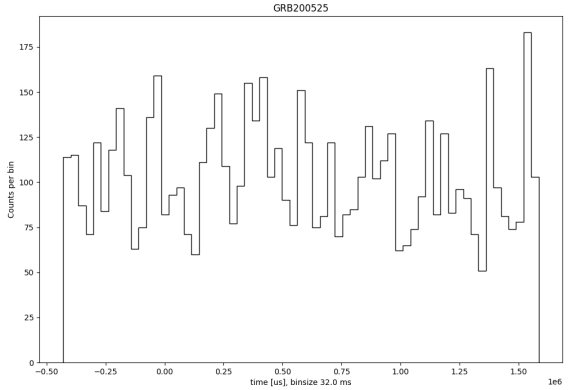

Figure 58: ASIM LED light curve. T0 = 14:40:22.377

1.30 GRB 200605A

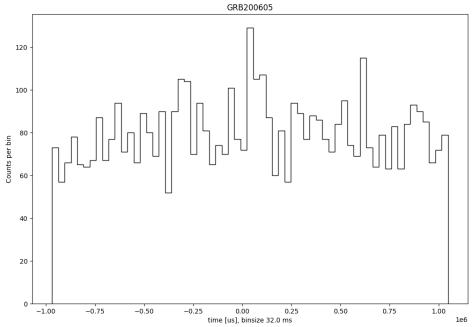

Figure 59: ASIM HED light curve. T0 = 18:17:42.128

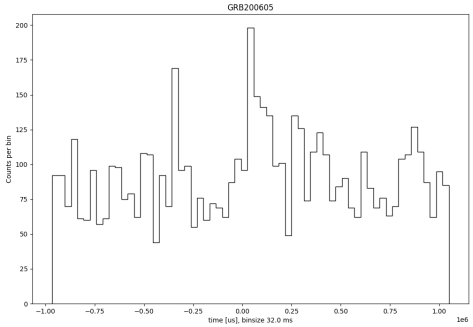

Figure 60: ASIM LED light curve. T0 = 18:17:42.128

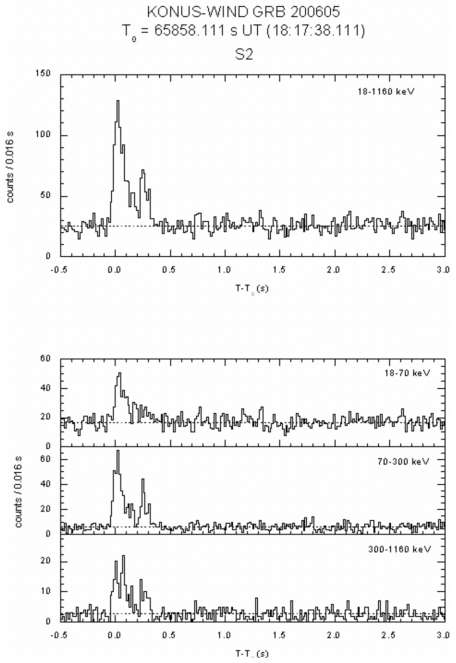

Figure 61: KW light curve.

1.31 GRB 200716C

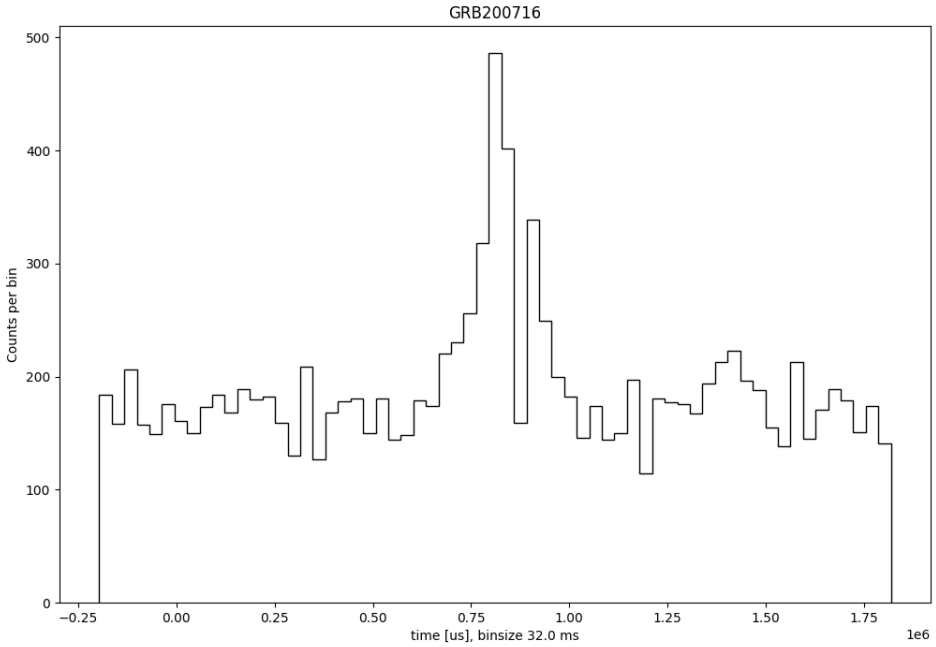

Figure 62: ASIM HED light curve. T0 = 22:57:40.644

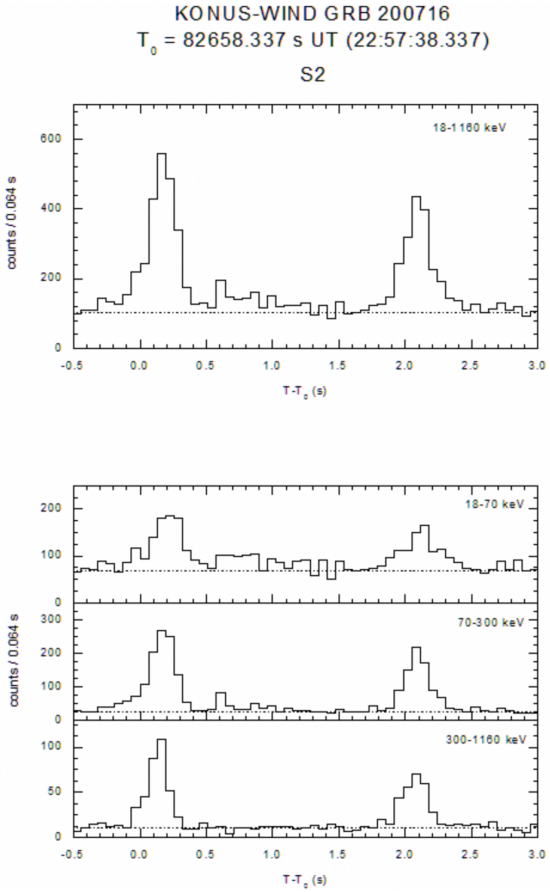

Figure 63: KW light curve

1.32 GRB 200903C

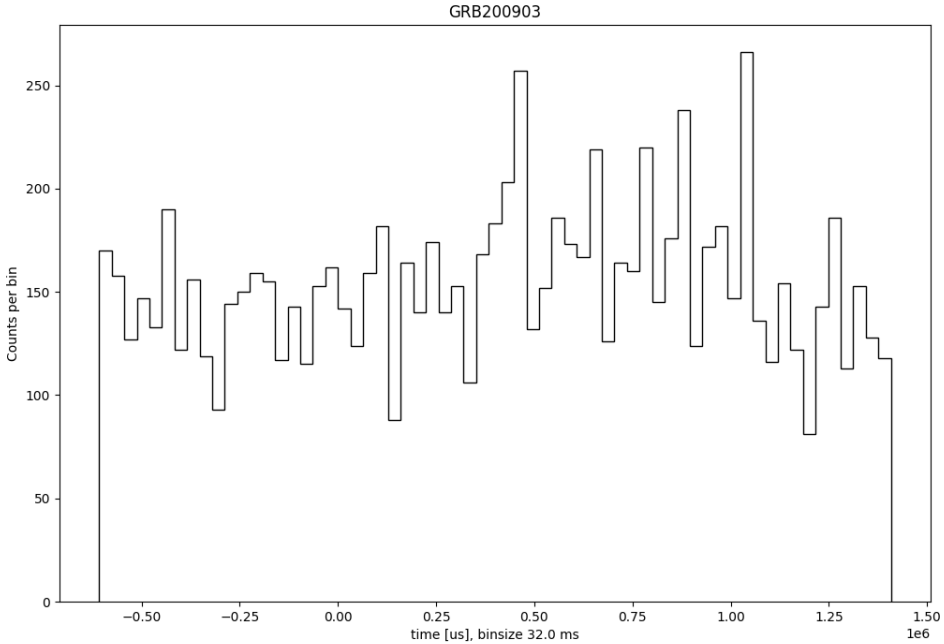

Figure 64: ASIM LED light curve. T0 = 21:38:49.944

1.33 GRB 200907B

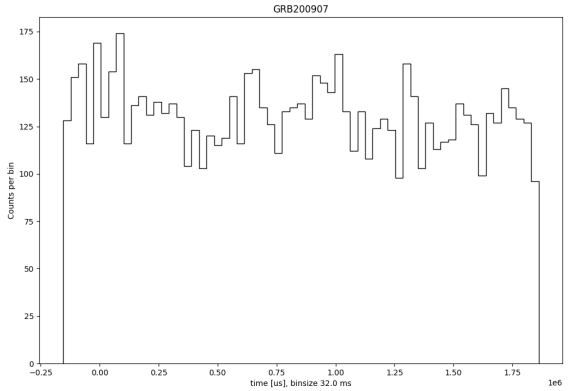

Figure 65: ASIM HED light curve. T0 = 18:51:20.027

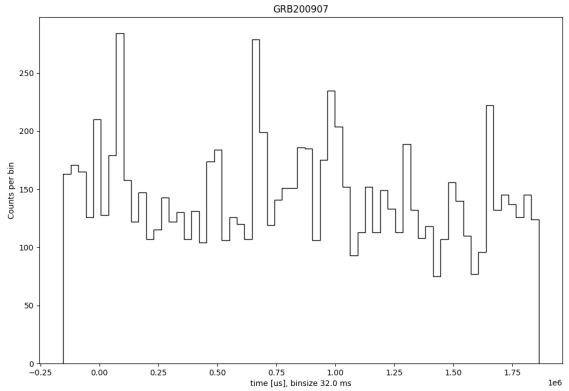

Figure 66: ASIM LED light curve. T0 = 18:51:20.027

1.34 GRB 200915A

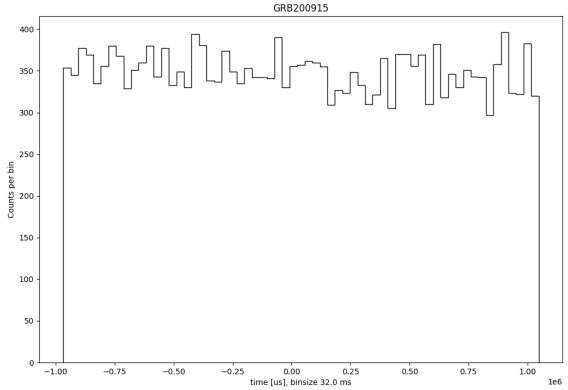

Figure 67: ASIM HED light curve. T0 = 03:27:06.594

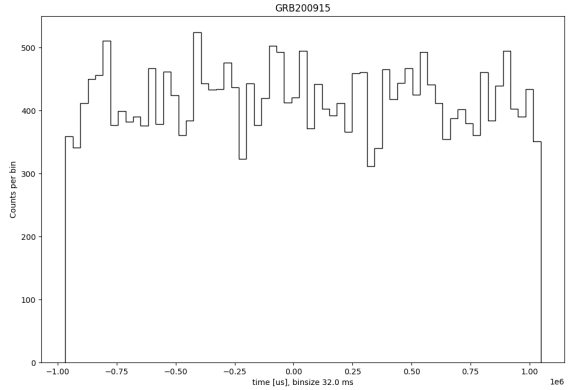

Figure 68: ASIM LED light curve. T0 = 03:27:06.594

1.35 GRB 200923A

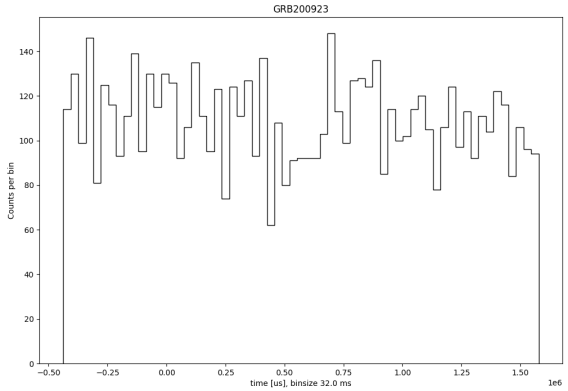

Figure 69: ASIM HED light curve. T0 = 17:57:41.928

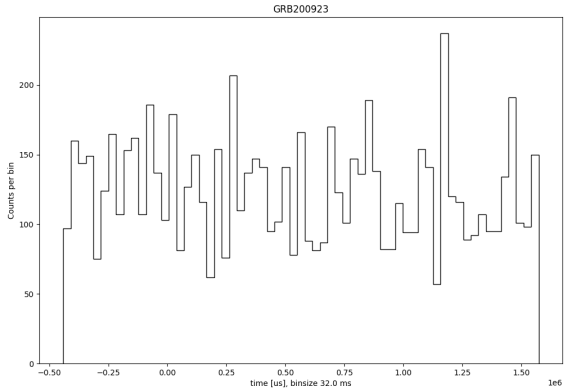

Figure 70: ASIM LED light curve. T0 = 17:57:41.928

1.36 GRB 201109A

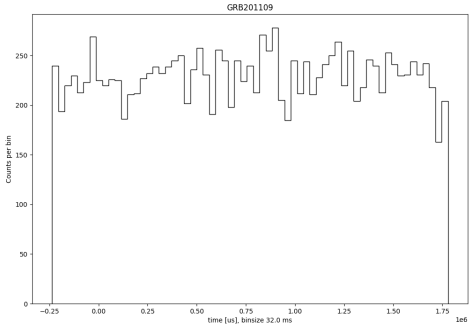

Figure 71: ASIM HED light curve. T0 = 02:31:08.461

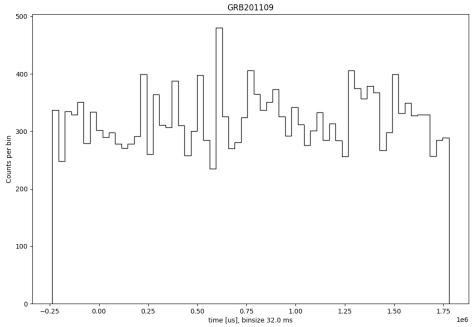

Figure 72: ASIM LED light curve. T0 = 02:31:08.461

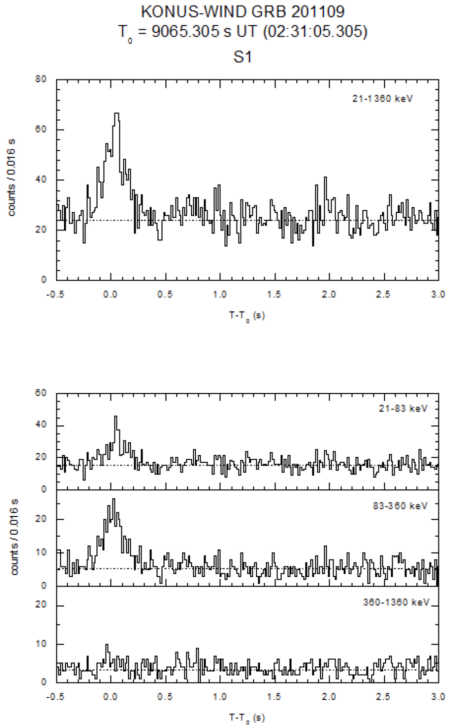

Figure 73: KW light curve.

1.37 GRB 201223A

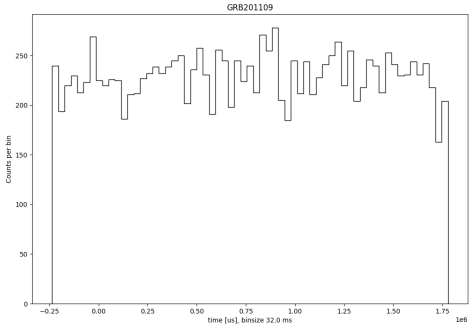

Figure 74: ASIM HED light curve. T0 = 02:31:08.461

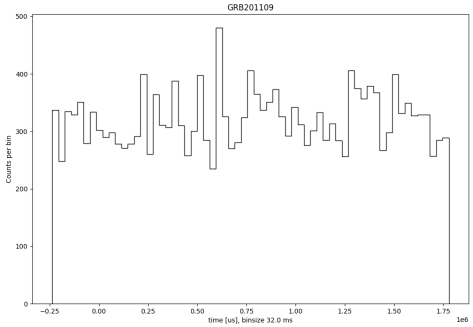

Figure 75: ASIM LED light curve. T0 = 02:31:08.461

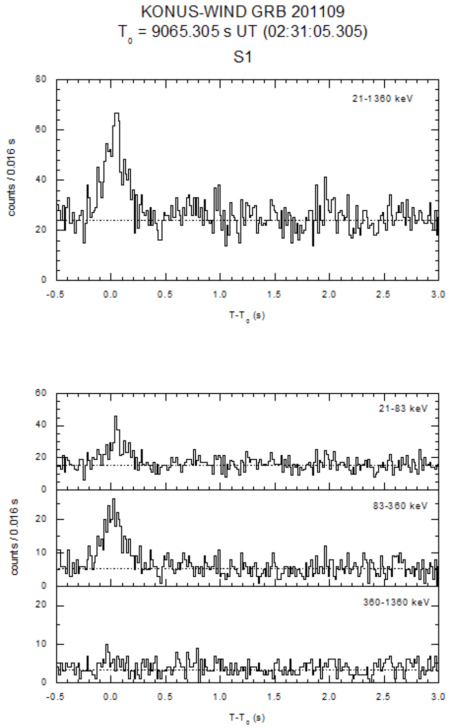

Figure 76: KW light curve.

1.38 GRB 201227A

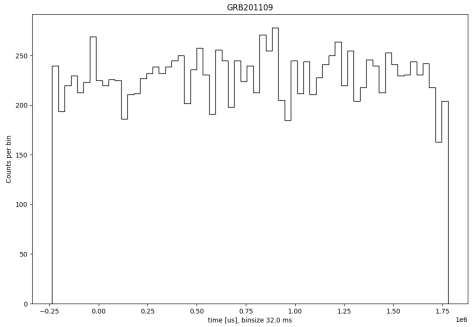

Figure 77: ASIM HED light curve. T0 = 02:31:08.461

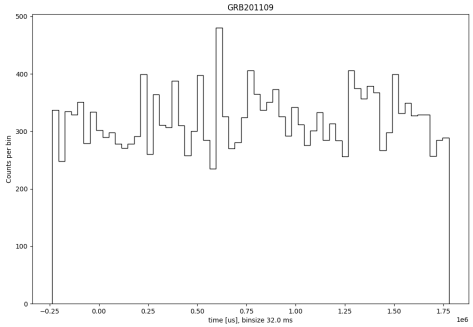

Figure 78: ASIM LED light curve. T0 = 02:31:08.461

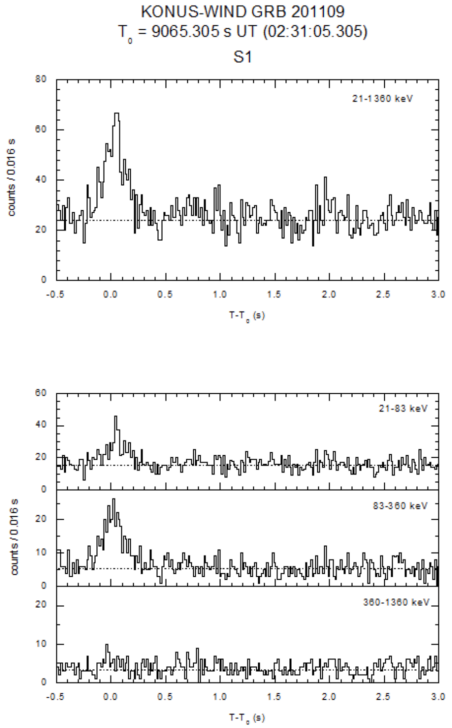

Figure 79: KW light curve.

1.39 GRB 210102C

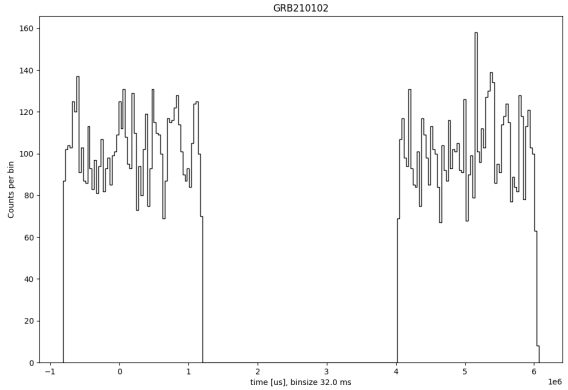

Figure 80: ASIM HED light curve. T0 = 20:38:02.178

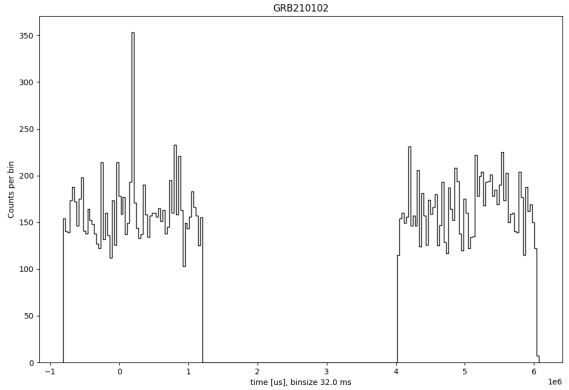

Figure 81: ASIM LED light curve. T0 = 20:38:02.178

1.40 GRB 210411B

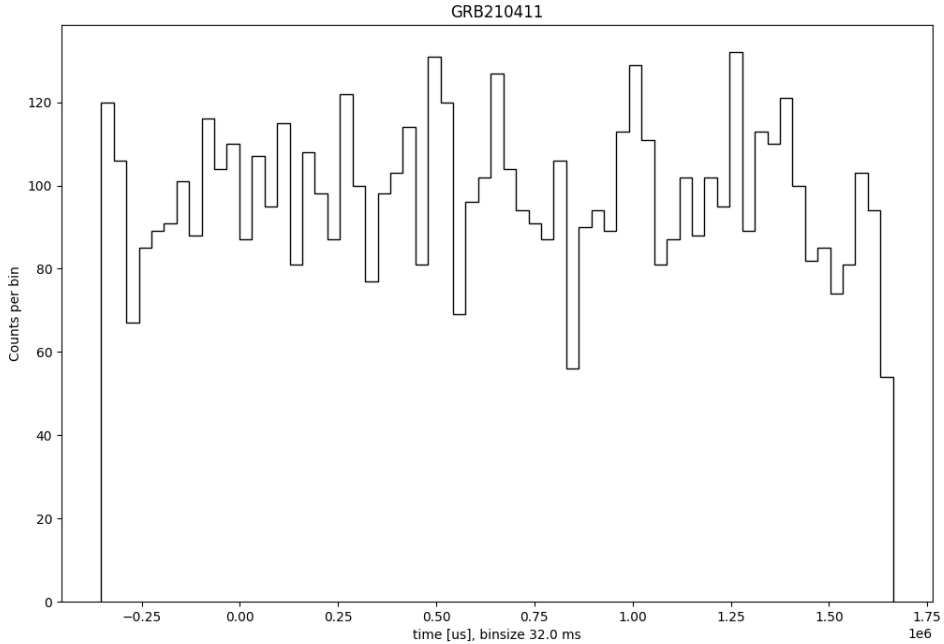

Figure 82: ASIM LED light curve. T0 = 13:32:30.778

1.41 GRB 210424B

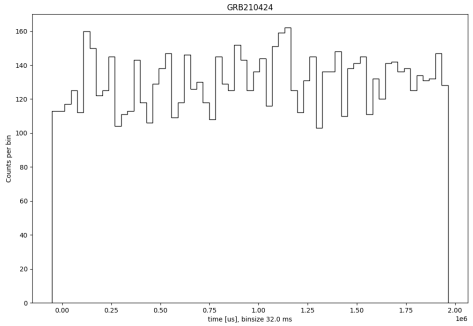

Figure 83: ASIM HED light curve. T0 = 08:01:55.095

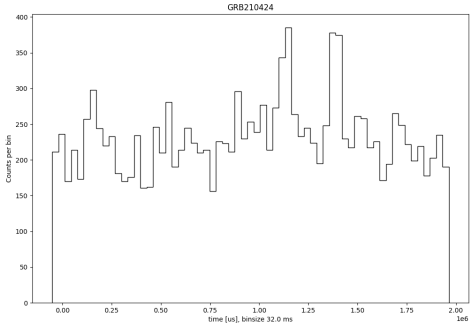

Figure 84: ASIM LED light curve. T0 = 08:01:55.095

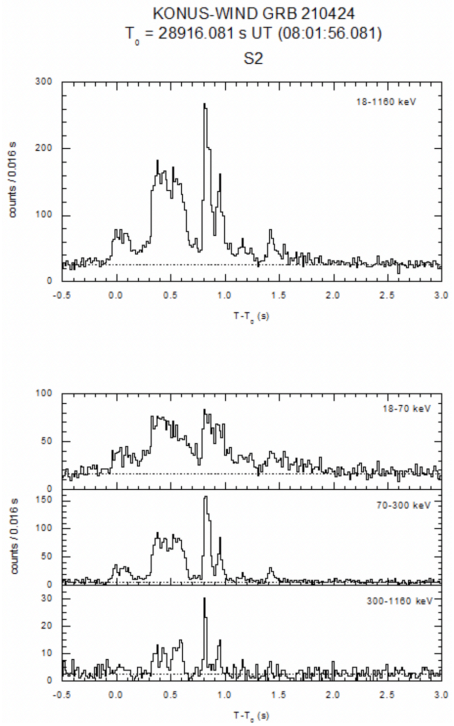

Figure 85: KW light curve.

1.42 GRB 210619B

1.43 GRB 210701A

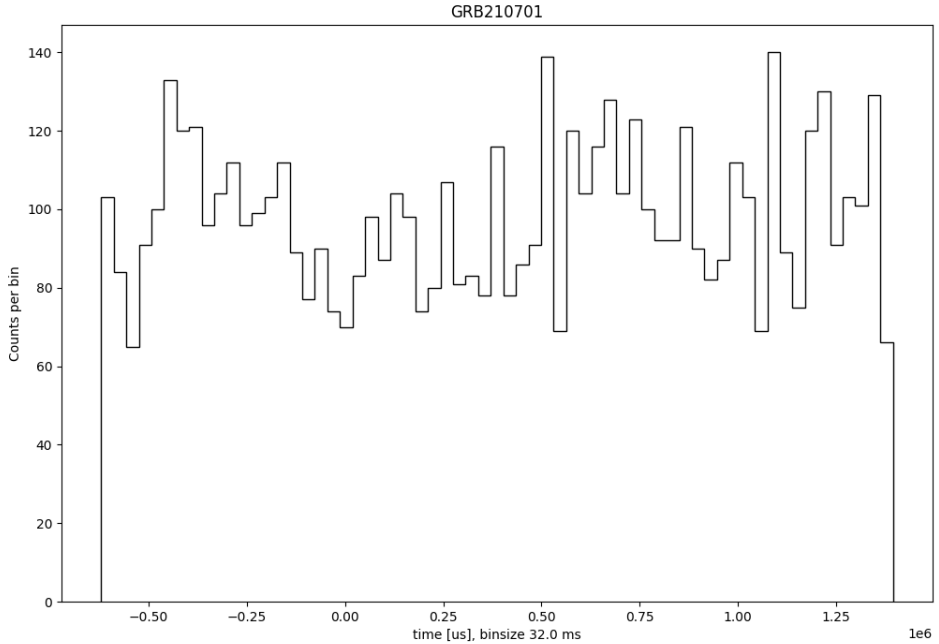

Figure 86: ASIM LED light curve. T0 = 20:01:00.794

1.44 GRB 210702A

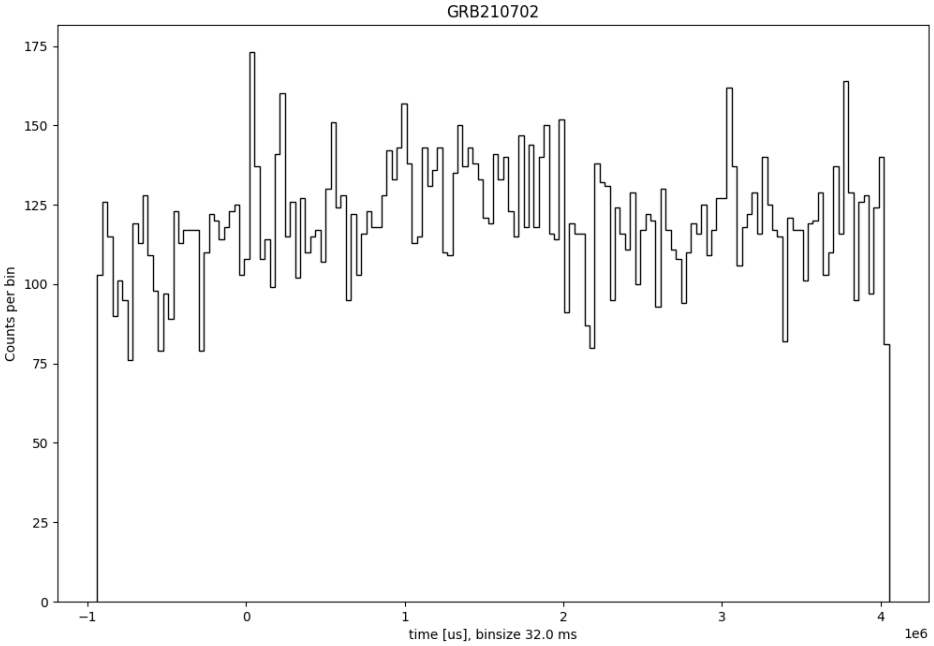

Figure 87: ASIM HED light curve. T0 = 15:14:06.777

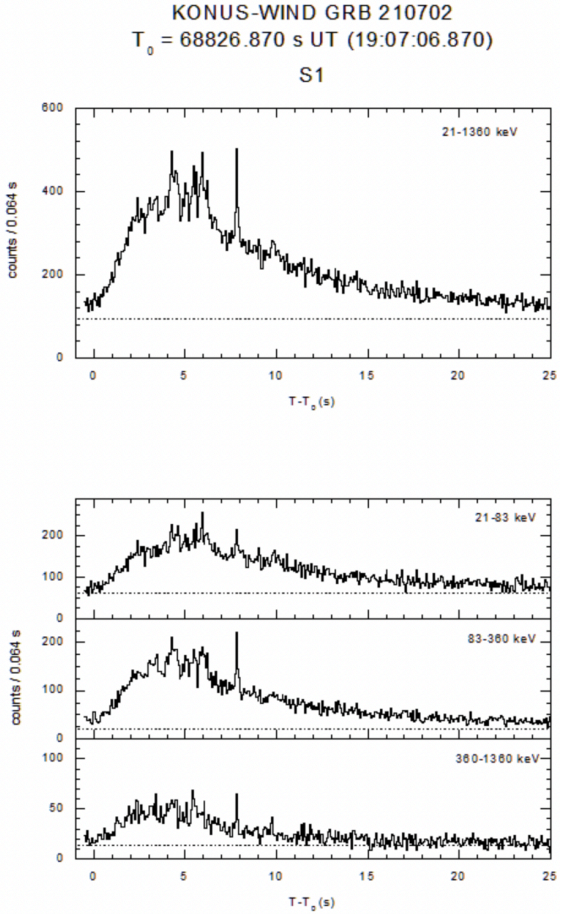

Figure 88: KW light curve

1.45 GRB 210724A

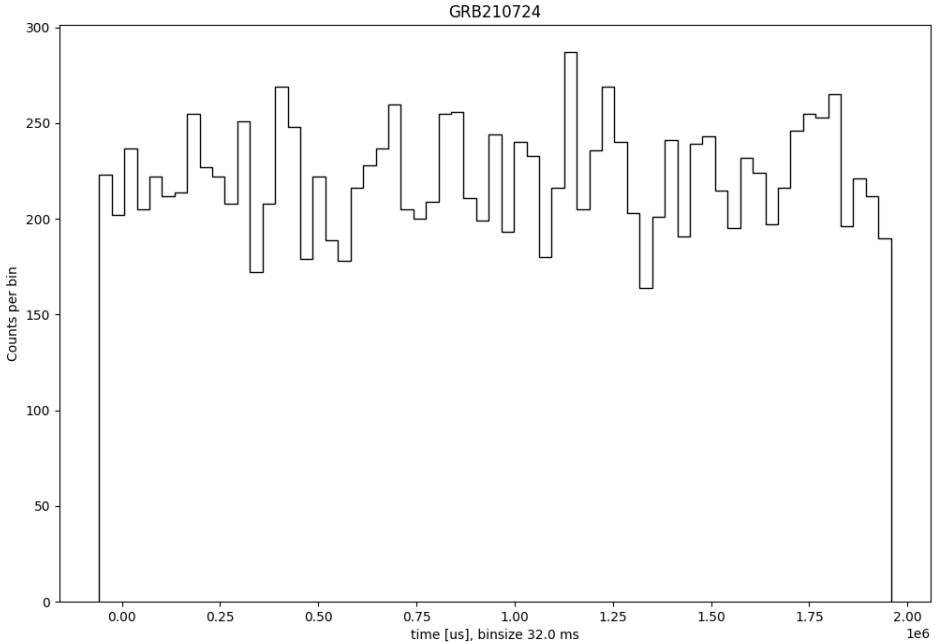

Figure 89: ASIM LED light curve. T0 = 20:14:03.128

1.46 GRB 210903C

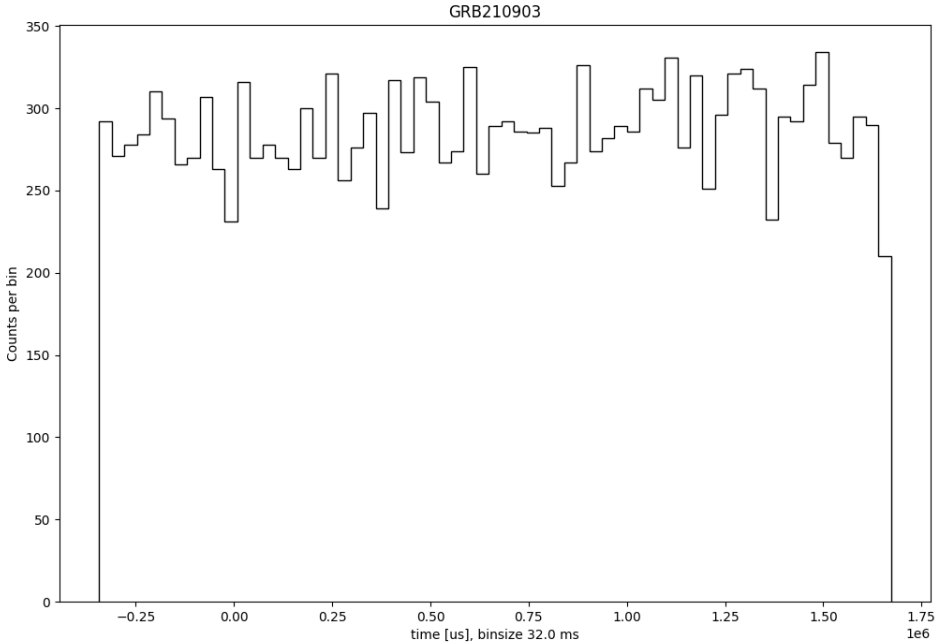

Figure 90: ASIM LED light curve. T0 = 17:26:58.828

1.47 GRB 211118A

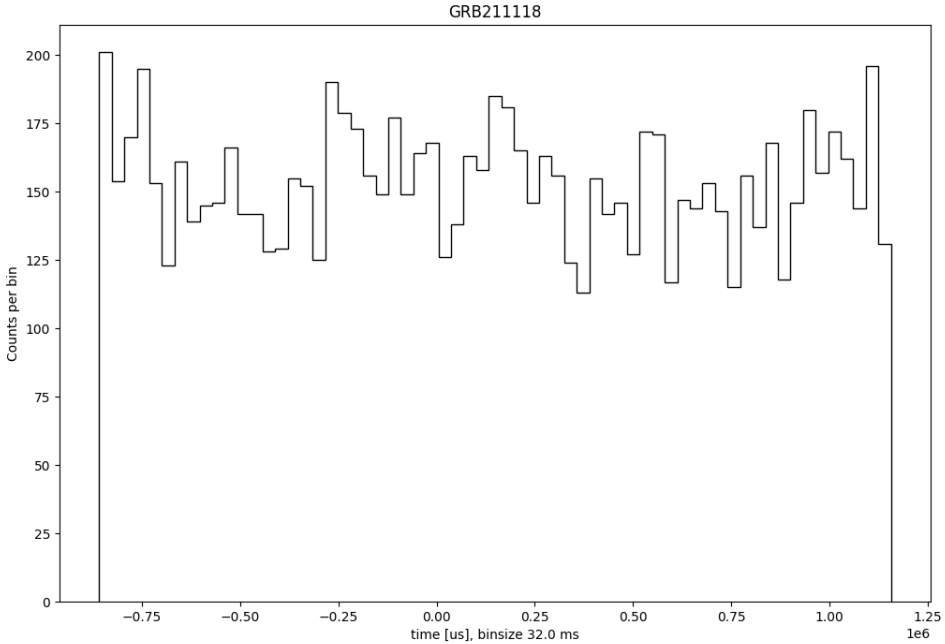

Figure 91: ASIM LED light curve. T0 = 23:38:04.578

1.48 GRB 211211A

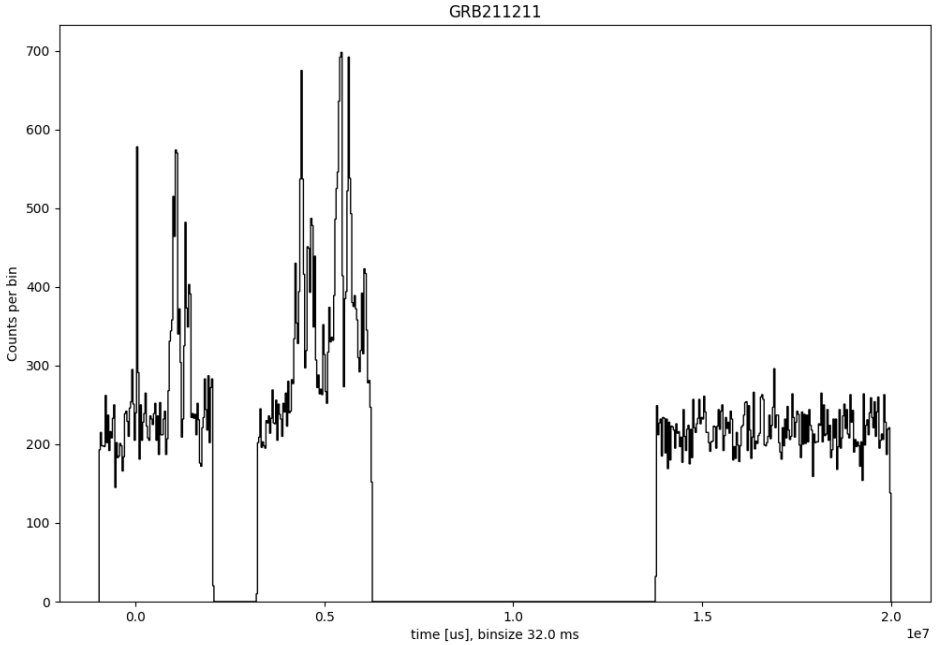

Figure 92: ASIM LED light curve. T0 = 13:10:01.244

2 Archive table

Table 1: Summary table containing parameter values and hyperlinks to GCN archive and light curves. Date time: UT. Location: Ra, Dec degrees. Model: A = Power law with exponential cutoff, B = Band. (Sometimes several models are provided as rows). Peak flux: erg/cm2/s. Fluence: erg/cm2. E_p and E_c: keV. χ^2: degrees of freedom

GRB#	Date Time	Other Satellites	Location	GCN #	Duration	Fluence	Peak Flux	Model	alpha	beta	Ep / Ec	χ^2
GRB 180720B	2018-07-20 14:21:45.261	KW, FERMI, SWIFT	0.530, -2.933	23011 – *KW* 22981 – *FERMI* 22973 – *SWIFT*	125 s	$(5.430.26) \times 10^{-4}$	$(9.700.52) \times 10^{-5}$ (64ms)	B	-1.01 (-0.06,+0.06)	-2.07 (-0.08,+0.07)	451 (-45,+52)	102/97
GRB 181103A	2018-11-03 04:22:30	IPN, SWIFT	197.109, +52.230 (SWIFT)	23402 – *SWIFT*	10 s	2.80×10^{-7}	-	-	-	-	-	-
GRB 181222B	2018-12-22 20:11:34.563	KW, IPN, FERMI	294.324, -23.694	23557 – *KW* 23556 – *IPN* 23551 – *FERMI*	2.1 s	$3.70(-0.17,+0.18) \times 10^{-5}$	$2.72(-0.25,+0.26) \times 10^{-4}$ (16 ms)	B	-0.52(-0.08,+0.08)	-2.95(-0.30,+0.20)	365(-26,+27)	53/56
GRB 181227A	2018-12-27 06:17:04.128	KW, IPN,FERMI	29.889, -53.321	23589 – *KW* 23577 – *IPN* 23569 – *FERMI*	17 s	$1.39(-0.15,+0.16) \times 10^{-5}$	$5.91(-0.12,+0.12) \times 10^{-5}$	B	-0.66(-0.07,+0.07)	-3.53(-0.24,+0.18)	93(-2,+2)	72/96
GRB 190117B	2019-01-17 08:50:42.572	FERMI	105.27, -20,57	*ICECUBE – FERMI*	35.585 s	-	$2.81(\pm 0.07) \times 10^{-6}$	-	-	-	-	-
GRB 190206A	2019-02-06 03:49:28.312	KW, IPN	313.330, -30.510	23880 – *KW* 23879 – *IPN*	0.1 s	$6.44(-0.75,+0.76) \times 10^{-4}$ (16 ms)	$1.64(-0.17,+0.17) \times 10^{-5}$	A B	-0.58(-0.10,+0.12) -0.58(-0.10,+0.12)	- < -2.3	1600(-223,+248)	31/30
GRB 190305A	2019-03-05 13:05:19.779	KW, IPN, AGILE	340.399, -10.588	23939 – *KW* 23936 – *IPN* 23930 – *AGILE*	11 s	$1.47(\pm 0.04) \times 10^{-4}$	$2.00(\pm 0.08) \times 10^{-4}$	B	-0.44(-0.04,+0.05)	-2.82(-0.11,+0.10)	387(-15,+16)	130/74
GRB 190320A	2019-03-20 01:14:16.49	FERMI,SWIFT	117.84813, -45.88785	23977 – *SWIFT* 23978 – *FERMI*	43 s	-	-	B	-0.74 ± 0.09	-2.2 ± 0.4		
GRB 190404A	2019-04-04 07:01:14.501	FERMI	121.3900, 55.4200	*ICECUBE – FERMI*	9 s	$9.48(\pm 0.829) \times 10^{-7}$	-	-	-	-	-	-
GRB 190420A	2019-04-20 23:32:24.838	FERMI	319.2900, -66.4100	*ICECUBE – FERMI*	1.47 s	$6.54(\pm 0.331) \times 10^{-7}$	-	-	-	-	-	-
GRB 190501A	2019-05-01 05:23:22.111	KW, IPN, FERMI	173.591, 62.105	24452 – *KW* 24372 – *IPN* *ICECUBE – FERMI*	50 + s	$2.04(-0.13,+0.13) \times 10^{-4}$	$3.55(-0.99,+0.99) \times 10^{-5}$ (64 ms)	B	-0.91(-0.04,+0.04)	-2.10(-0.09,+0.08)	316(-23,+24)	70/59
GRB 190606A	2019-06-06 01:55:03.800	KW, IPN, FERMI	76.561, -0.638	24784 – *KW* 24765 – *IPN* ICECUBE - FERMI	0.2 s	$1.16(-0.18,+0.18) \times 10^{-5}$	$1.45(-0.39,+0.35) \times 10^{-4}$ (16 ms)	A B	-1.19(-0.10,+0.12) -0.88(-0.26,+0.45)	- -1.67(-0.27,+0.15)	3194(-1324,+2736) 664(-388,+1038)	32/34 26/33
GRB 190615B	2019-06-15 14:42:21.778	ASTROSAT, Insight, KW, INTEGRAL	-	24843 – *Insight*	23.69 s	-	-	-	-	-	-	-
GRB 190628B	2019-06-28 04:23:32.760	ASTROSAT	-	24972 – *ASTROSAT*	12 s	-	-	-	-	-	-	-
GRB 190706B	2019-07-06 12:40:43.077	SWIFT	107.449, -29.584	24993 – *SWIFT*	25 s	-	-	-	-	-	-	-
GRB 190829A	2019-08-29 19:56:40.545	KW, FERMI, SWIFT, AGILE . . .	45.6, -7.1	25660 – *KW* 25575 – *FERMI*	61.8 s	$1.29(-0.13,-0.15) \times 10^{-5}$	$1.13(-0.11,+0.13) \times 10^{-6}$ (2.944 s)	A	-1.33(-0.23,+0.30)	-	579(-281,+2282)	-
GRB 190906A	2019-09-06 01:04:51.412	KW, SWIFT, IPN	267.576, -11.916	25678 – *IPN*	-	-	-	-	-	-	-	-
GRB 191001A	2019-10-01 06:41:52.029	KW, FERMI, IPN, SWIFT	267.1042, 11.6500	25926 – *IPN* 25938 – *FERMI*	24 s	$(4.7 \pm 0.2) \times 10^{-6}$	10.5 ± 0.4 ph/s/cm2 (1 s)	A	-0.8 ± 0.1	-	114 ± 9	
GRB 191004A	2019-10-04 18:07:03.412	KW, CALET, SWIFT	31.721, -36.932	25973 – *KW* 25945 – *SWIFT*	5 s	$2.00(-0.41,+0.62) \times 10^{-6}$	$2.38(-0.83,+1.02) \times 10^{-6}$	A B	$-0.69(-0.61,+0.83)$ $-0.69(-0.61,+0.83)$	- < -2.0	$157(-37,+95)$ $157(-37,+95)$	- 48/56
GRB 191221B	2019-12-21 20:39:10.910	KW, AGILE, FERMI, IPN	154.8333, -38.1333	26576 – *KW* *ICECUBE – FERMI* *IPN*	35 s	$(1.0 \pm 0.1) \times 10^{-4}$	$(1.9 \pm 0.2) \times 10^{-5}$ (64 ms)	B	$-0.81(-0.06,+0.06)$	$-2.47(-0.24,+0.16)$	$377(-29,+30)$	99/97
GRB 191227B	2019-12-27 17:21:45.412	KW, IPN, FERMI	256.466, -26.7390	26613 – *KW* 26612 – *IPN* *ICECUBE – FERMI*	0.2 s	$8.80(-1.42,+1.40) \times 10^{-6}$	$8.83(-2.12,+2.10) \times 10^{-5}$	B	-0.56(-0.21,+0.31)	-2.35(-1.19,+0.38)	985(-323,+373)	49/49
GRB 200111A	2020-01-11 15:11:12.960	FERMI, IPN, CALET	107.8708, 32.5500	26705 – *FERMI* 26778 – *IPN*		$(3.00 \pm 0.0229 \times 10^{-6}$	-	-	-	-	-	-
GRB 200122B	2020-01-22 05:18:09.693	FERMI	124.6600, 67.0900	*ICECUBE – FERMI*	2.816 s	3.9052×10^{-7}	-	-	-	-	-	-
GRB 200224C	2020-02-24 09:58:44.543	FERMI, IPN	205.2470, 54.6690	27183 – *IPN* 27178 – *FERMI*	64 ms	6.9752×10^{-8}	-	-	-	-	-	-
GRB 200412A	2020-04-12 06:57:13.877	KW, FERMI	137.1625, -39.0167	27577 – *KW* *ICECUBE – FERMI* 27560 – *IPN*	13.3 s	$3.27(-0.32,+0.35) \times 10^{-5}$	$1.18(-0.15,+0.15) \times 10^{-5}$	B	$-0.59(-0.11,+0.12)$	$-2.68(-0.41,+0.23)$	$229(-19,+20)$	56/68
GRB 200415A	2020-04-15 08:48:05.561	KW, IPN, FERMI ...	11.0708, -25.0167	27596 – *KW* 27590 – *FERMI* 27585 – *IPN*	5 ms	$8.1(-0.8,+0.9) \times 10^{-6}$	$1.0(\pm 0.08) \times 10^{-3}$ (2 ms)	A B	$+0.10(-0.23,+0.27)$ $+0.10(-0.23,+0.27)$	- < -2.5	$818(-112,+136)$ $818(-112,+136)$	- 33/49

GRB#	**Date Time**	**Other Satellites**	**Location**	**GCN #**	**Duration**	**Fluence**	**Peak Flux**	**Model**	**alpha**	**beta**	**Ep / Ec**	χ^2
GRB 200423A	2020-04-23 13:54:06.029	IPN	234.403, 51.175	27647 – *IPN* 27633 – *FERMI*	32 ms	8.7955×10^{-8}	-	-	-	-	-	-
GRB 200521A	2020-05-21 12:16:39.798	KW, IPN, FERMI	169.531, 7.222	27795 – *IPN*	0.3 s	$(1.28 \pm 0.15) \times 10^{-5}$	$(7.38 +/- 0.87) \times 10^{-5}$ (16 ms)	A B	-0.26(-0.16,+0.18) -0.26(-0.16,+0.18)	- -2.7	1358(-170,+196) 1358(-170,+196)	46/61 -
GRB 200525A	2020-05-25 14:40:22.377	FERMI	20.610, -8.520	27823 – *FERMI*	93.44 s	$(8.8589 \pm 0.1726) \times 10^{-6}$	-	-	-	-	-	-
GRB 200605A	2020-06-05 18:17:42.128	KW, FERMI, IPN	95.839, 50.954	27912 – *KW* 27900 – *IPN* 27893 – *IPN*	0.4 s	$3.63(-0.51,+0.60) \times 10^{-6}$	$2.48(-0.69,+0.75) \times 10^{-5}$ (16 ms)	A B	-0.82(-0.20,+0.23) -0.82(-0.20,+0.23)	- < -2.2	744(-174,+273) 744(-174,+273)	23/28 23/27
GRB 200716C	2020-07-16 22:57:40.644	KW, FERMI, SWIFT	196.0101, 29.6446	28148 – *KW* 28130 – *FERMI*	5.3 s	$(1.2 +/- 0.2) \times 10^{-5}$	$(3.7 +/- 0.6) \times 10^{-5}$ (64 ms)	B (peak)	-0.51 (-0.19,+0.31)	-2.23 (-0.58,+0.29)	616 (-200,+226)	48/42
GRB 200903C	2020-09-03 21:38:49.944	FERMI	9.7500, -2.8600	28364 – *FERMI*	7.1680 s	$(5.3829 \pm 0.60018) \times 10^{-7}$	-	-	-	-	-	-
GRB 200907B	2020-09-07 18:51:20.027	FERMI, SWIFT, IPN	89.0125, 6.9167	*ICECUBE – FERMI*	0.830 s	1.6000×10^{-7}	-	-	-	-	-	-
GRB 200915A	2020-09-15 03:27:06.594	FERMI	354.6600, 34.9500	*ICECUBE – FERMI*	1.5360 s	$(9.4676 \pm 1.3349) \times 10^{-8}$	-	-	-	-	-	-
GRB 200923A	2020-09-23 17:57:41.928	FERMI	126.3000, -54.2500	28488 – *FERMI*	0.6400 s	$(1.9181 \pm 0.18010) \times 10^{-7}$	-	-	-	-	-	-
GRB 201109A	2020-11-09 02:31:08.461	KW, FERMI, IPN	138.382, -9.192	28877 – *IPN* 28881 – *KW* 28869 – *FERMI*	0.4 s	$9.79(-1.84,+2.96) \times 10^{-7}$	$6.13(-2.75,+3.42) \times 10^{-6}$ (16 ms)	A B	-0.96(-0.51,+0.65) -0.96(-0.51,+0.65)	- < -1.9	244(-73,+249)	13/16 13/15
GRB 201223A	2020-12-23 17:58:10.477	FERMI, SWIFT	132.7896, 71.1798	29161 – *FERMI*	33.2810 s	$(2.0970 \pm 0.55637) \times 10^{-6}$	-	-	-	-	-	-
GRB 201227A	2020-12-27 15:14:06.777	KW, IPN, FERMI	170.121, -73.613	29196 – *KW* 29182 – *IPN* 29206 – *FERMI*	106 ms	$4.30(-0.52,+0.54) \times 10^{-6}$	$1.05(-0.18,+0.18) \times 10^{-4}$ (16 ms)	A B	$-0.17(-0.18,+0.21)$ $-0.17(-0.18,+0.21)$	- < -2.3	870(-130,+151) 870(-130,+151)	17/19 17/18
GRB 210102C	2021-01-02 20:38:02.178	FERMI	235.7470, -37.2310	29228 – *FERMI*	83.970 s	$(5.98500.049891) \times 10^{-6}$	-	-	-	-	-	-
GRB 210411B	2021-04-11 13:32:30.778	FERMI	115.6800, -74.8400	29801 – *FERMI*	47.8730 s	$(3.7490 \pm 0.056176) \times 10^{-6}$	-	-	-	-	-	-
GRB 210424B	2021-04-24 08:01:55.095	FERMI, KW, IPN	284.716, 16.172	29911 – *KW* 29909 – *IPN* *ICECUBE – FERMI*	1.6 s	$8.91(-0.83,+0.93) \times 10^{-6}$	$3.13(-0.52,+0.54) \times 10^{-5}$ (16 ms)	B	$-0.39(-0.17,+0.20)$	$-2.76(-0.45,+0.25)$	198(-21,+23)	62/55
GRB 210619B	PENDING											
GRB 210701A	2021-07-01 20:01:00.794	FERMI	313.6200, -15.4000	*ICECUBE – FERMI*	68.8640 s	$(1.1218 \pm 0.049404) \times 10^{-6}$	-	-	-	-	-	-
GRB 210702A	2021-07-02 19:07:09.761	KW, FERMI, IPN	168.5785, -36.7469	30366 – *KW* *ICECUBE – FERMI*	90 s	$(2.5 \pm 0.2) \times 10^{-4}$	$(3.0 \pm 0.2) \times 10^{-5}$	B (peak)	$-0.78(-0.09,+0.11)$	$-2.00(-0.09,+0.08)$	402 (-64,+66)	111/92
GRB 210724A	2021-07-24 20:14:03.128	FERMI, SWIFT	227.4146, -6.2907	*ICECUBE – FERMI*	50.570 s	$1.8000) \times 10^{-6}$	-	-	-	-	-	-
GRB 210903C	2021-09-03 17:26:58.828	FERMI	155.0300, 22.0300	30758 – *FERMI*	18.1760 s	2.2292×10^{-6}	-	-	-	-	-	-
GRB 211118A	2021-11-18 23:38:04.578	FERMI, IPN	26.464, 73.778	31138 – *IPN* 31125	7.1680 s	$(2.7657 \pm 0.058371) \times 10^{-6}$	-	-	-	-	-	-
GRB 211118A	2021-12-11 23:38:04.578	FERMI, IPN, SWIFT	212.2708, 27.8833	31210 – *FERMI* 31202 – *SWIFT*	34.3 s	$(5.4 \pm 0.01) \times 10^{-4}$	324.9 ± 1.5 [ph/s/cm2]	B	-1.3 ± 0.00	-2.4 ± 0.02	646.8 ± 7.8	-