

# GRB Archive

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March 2022

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# 1 Comfirmed GRBs

## 1.1 GRB 180720B

C

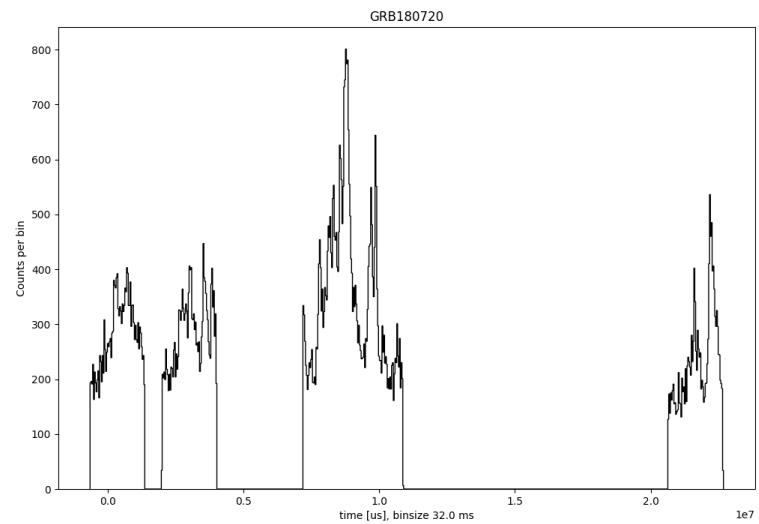


Figure 1: ASIM HED light curve.  $T_0 = 14:21:48.227$

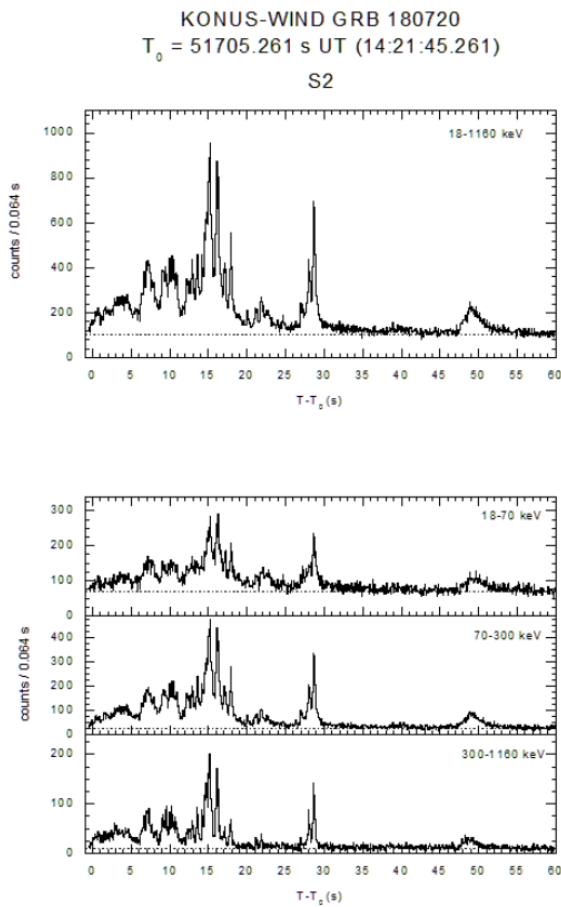
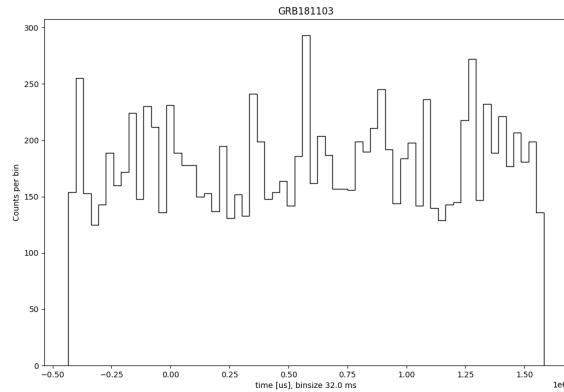


Figure 2: KW light curve

## 1.2 GRB 181103A



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Figure 3: ASIM LED light curve.  $T_0 = 03:49:28.312$

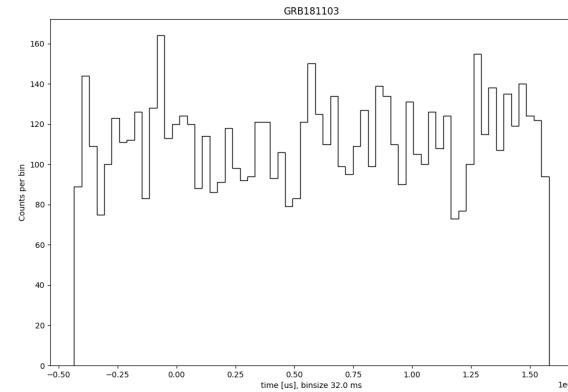


Figure 4: ASIM HED light curve.  $T_0 = 04:22:33.995$

### 1.3 GRB 181222B

S1

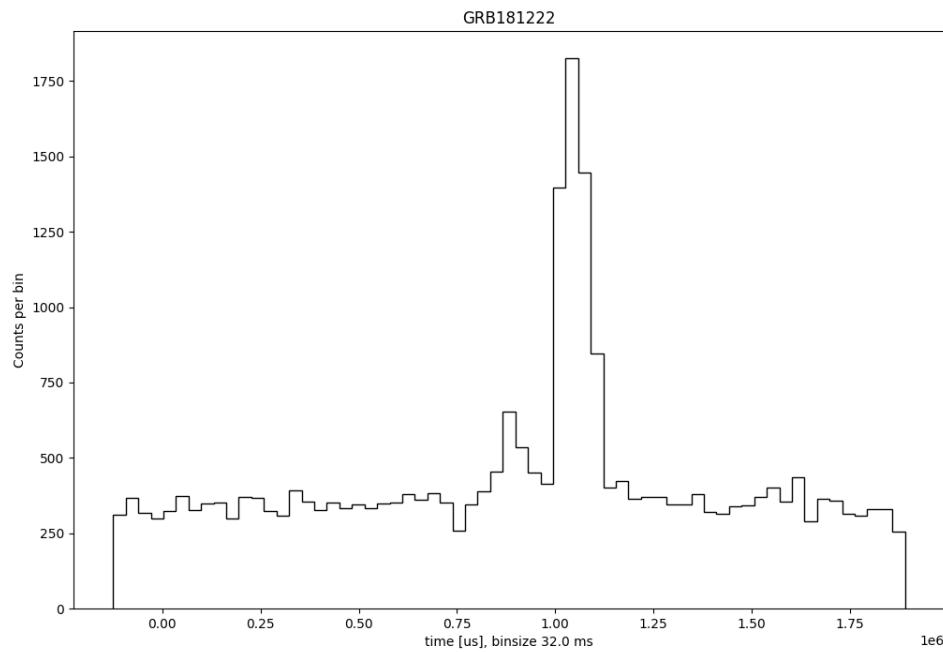


Figure 5: ASIM HED light curve.  $T_0 = 20:11:36.161$

KONUS-WIND GRB 181222  
 $T_0 = 72694.563$  s UT (20:11:34.563)  
 S2

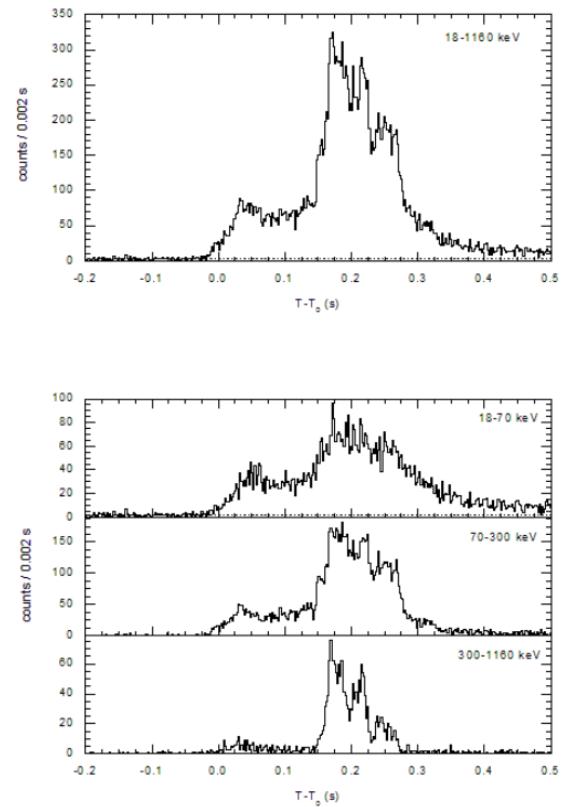


Figure 6: KW light curve

## 1.4 GRB 181227A

9

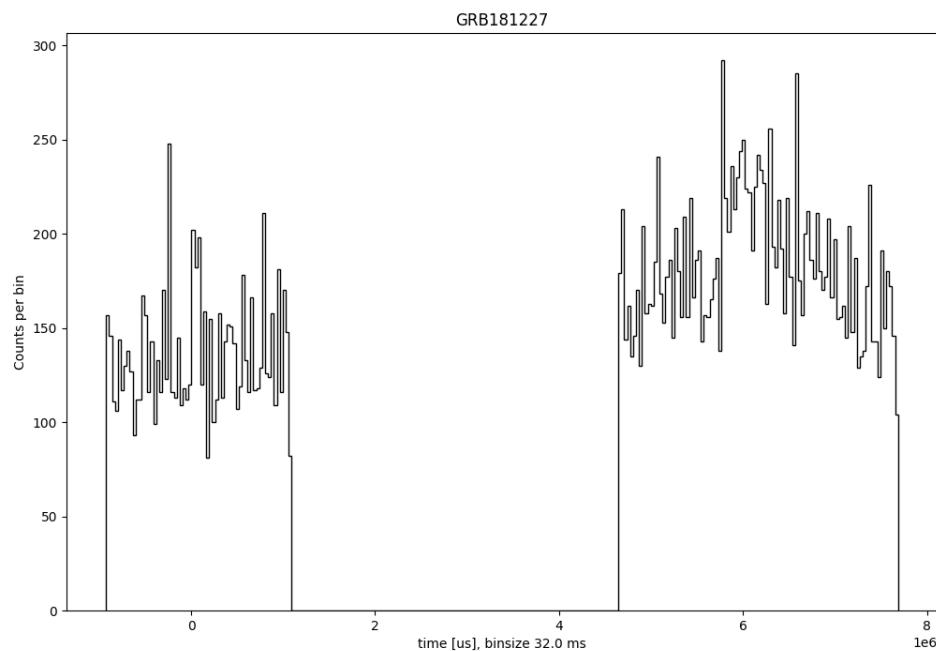


Figure 7: ASIM LED light curve.  $T_0 = 06:17:04.128$

KONUS-WIND GRB 181227  
 $T_0 = 22619.317 \text{ s UT (06:16:59.317)}$   
 S1

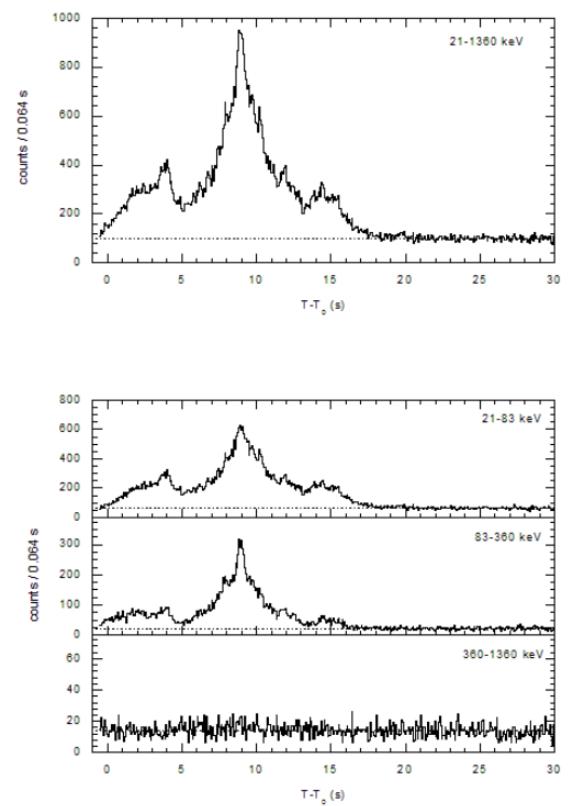


Figure 8: KW light curve

## 1.5 GRB 190117B

7

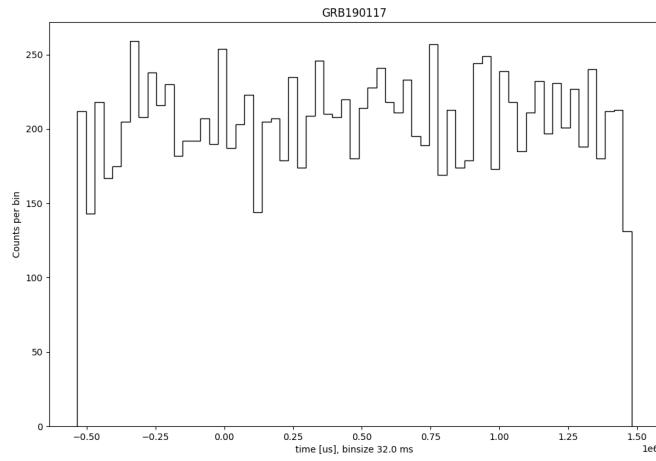


Figure 9: ASIM HED light curve.  $T_0 = 08:50:43.110$  UT

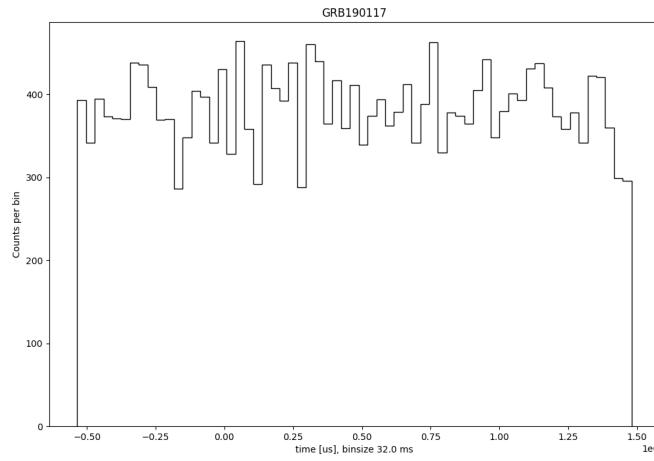


Figure 10: ASIM LED light curve.  $T_0 = 08:50:43.110$  UT

## 1.6 GRB 190206A

8

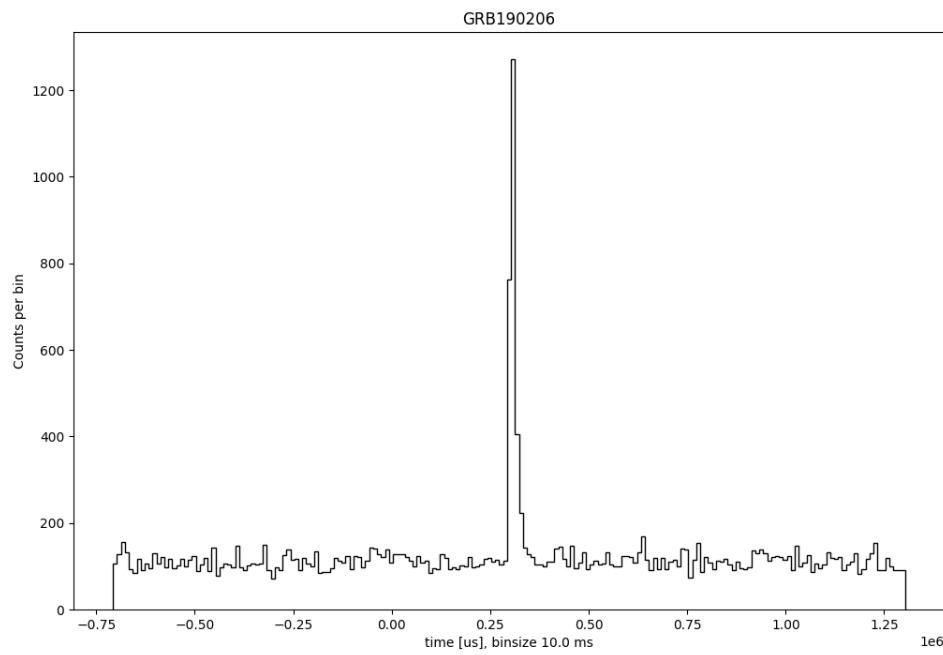


Figure 11: ASIM HED light curve.

KONUS-WIND GRB 190206  
 $T_0 = 13763.926$  s UT (03:49:23.926)

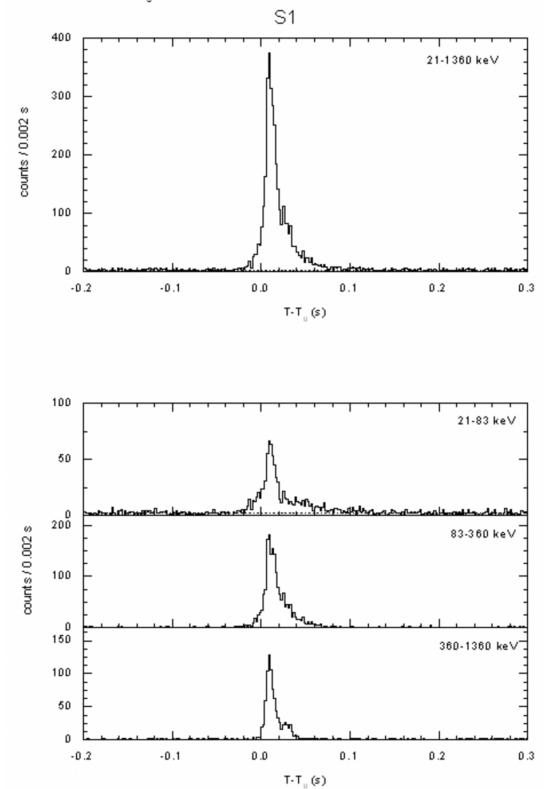


Figure 12: KW light curve

## 1.7 GRB 190305A

6

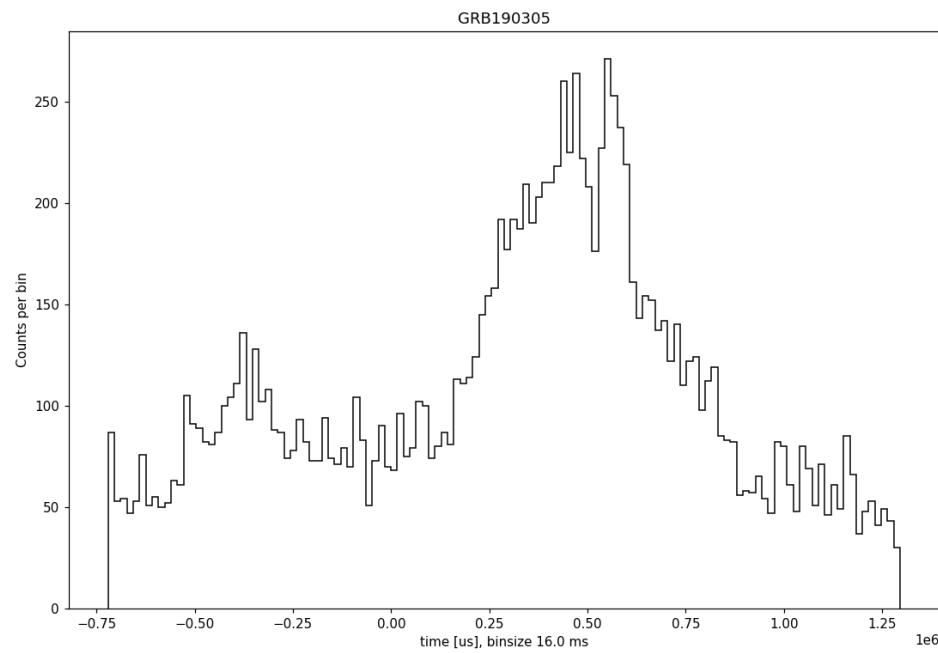


Figure 13: ASIM HED light curve.  $T_0 = 13:05:19.779$

KONUS-WIND GRB 190305  
 $T_0 = 47115.900 \text{ s UT (13:05:15.900)}$

S1

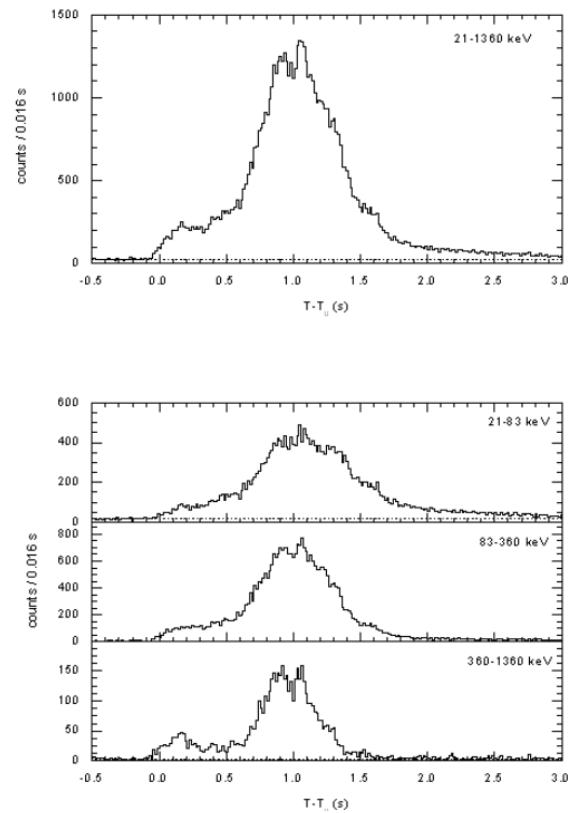


Figure 14: KW light curve

## 1.8 GRB 190320A

10

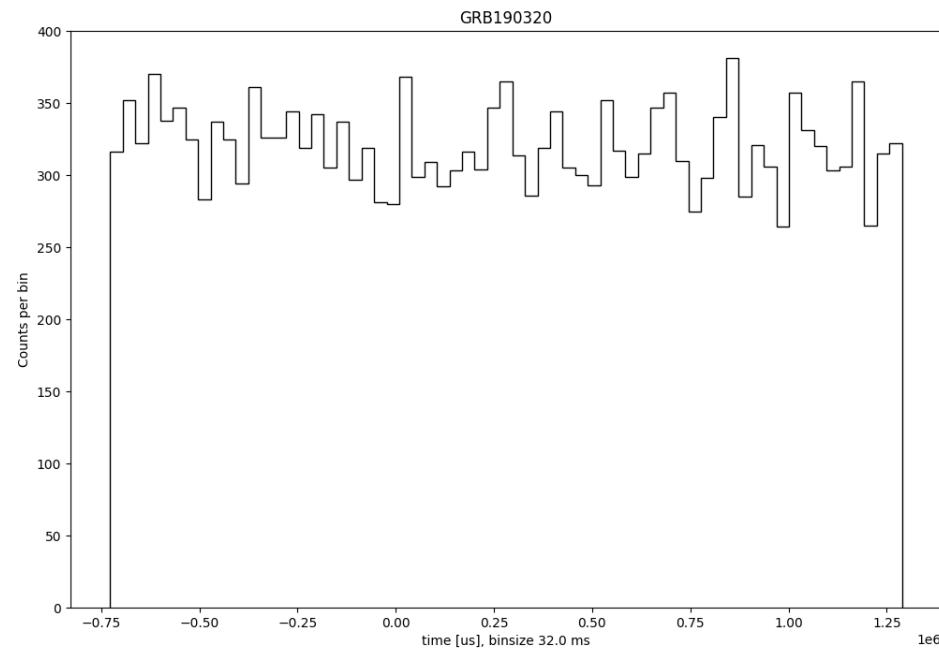


Figure 15: ASIM HED light curve.  $T_0 = 20:11:36.161$

## 1.9 GRB 190404A

II

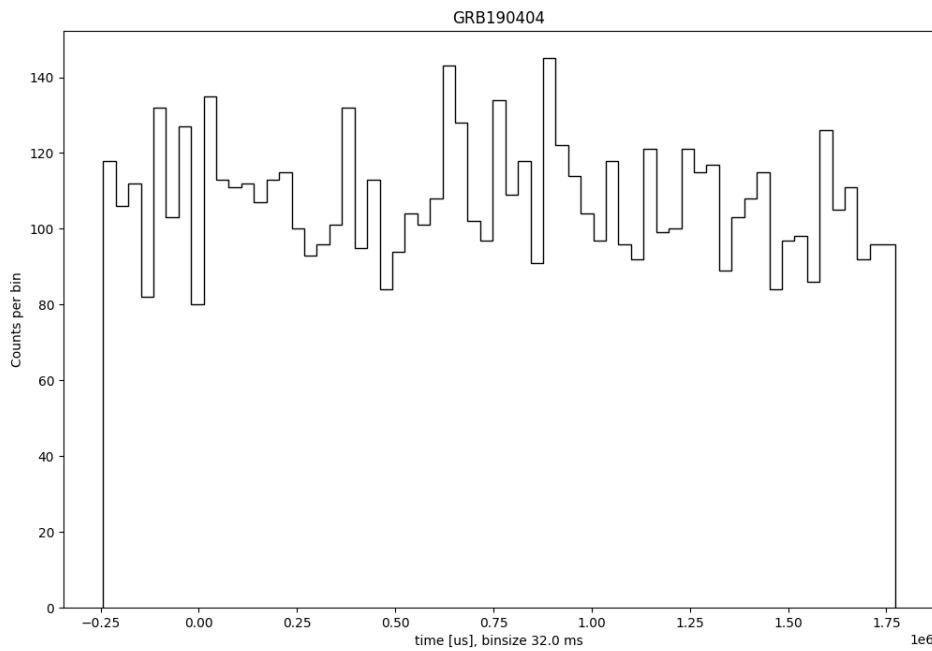


Figure 16: ASIM HED light curve.  $T_0 = 07:01:05.828$

## 1.10 GRB 190420A

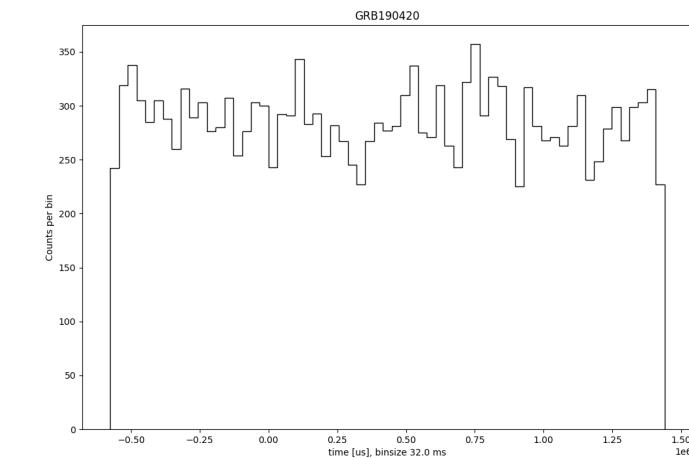


Figure 17: ASIM HED light curve.  $T_0 = 23:32:23.512$

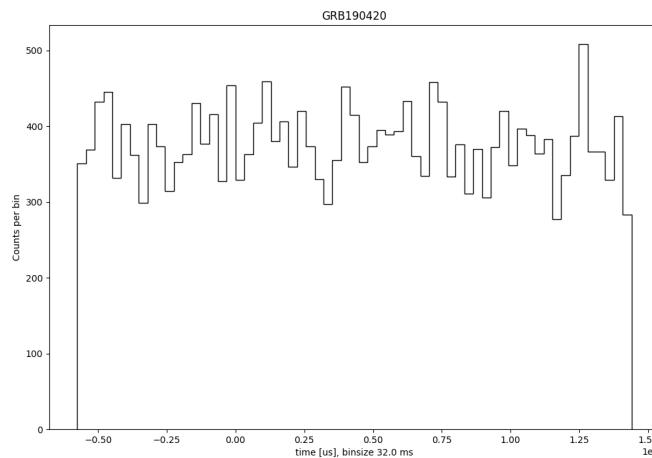


Figure 18: ASIM LED light curve.

## 1.11 GRB 190501A

CL1

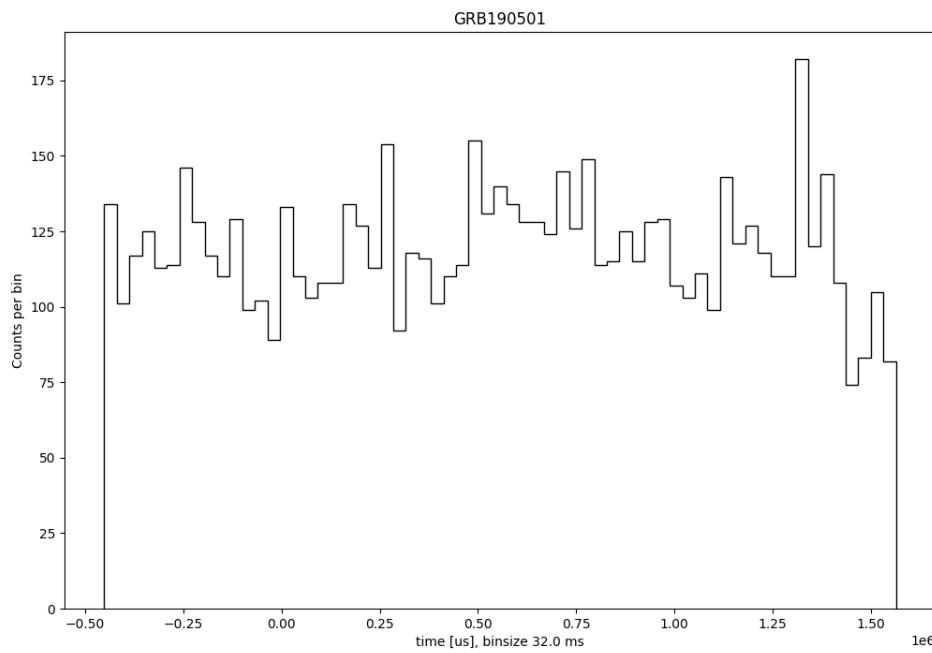


Figure 19: ASIM HED light curve.  $T_0 = 05:23:22.111$

KONUS-WIND GRB 190501  
 $T_0 = 19401.146$  s UT (05:23:21.146)  
 S2

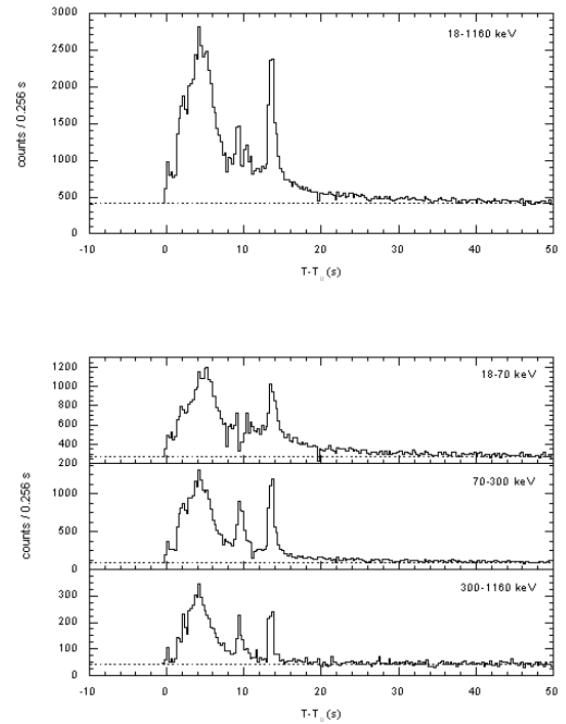


Figure 20: KW light curve

## 1.12 GRB 190606A

14

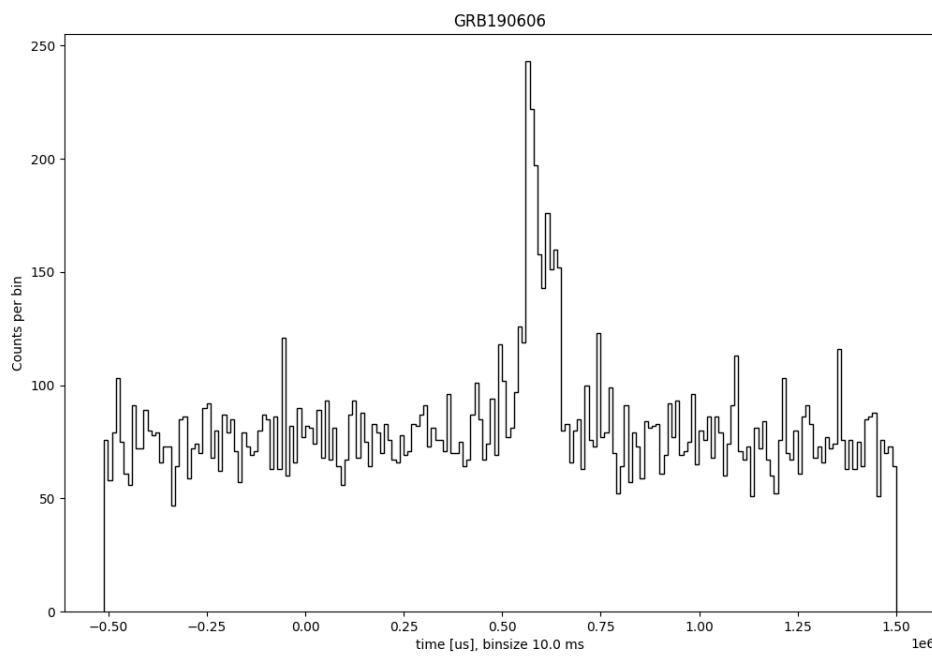


Figure 21: ASIM HED light curve.  $T_0 = 01:55:07.164$

KONUS-WIND GRB 190606  
 $T_0 = 6903.800$  s UT (01:55:03.800)  
 S1

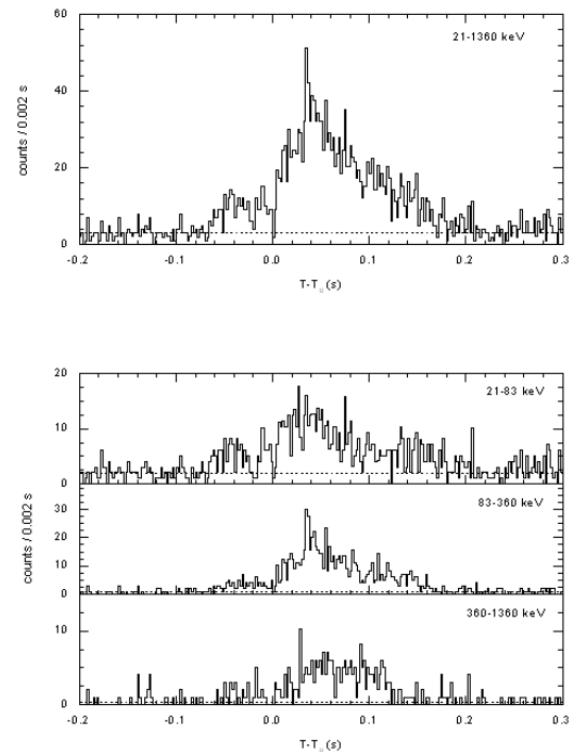


Figure 22: KW light curve

## 1.13 GRB 190615B

15

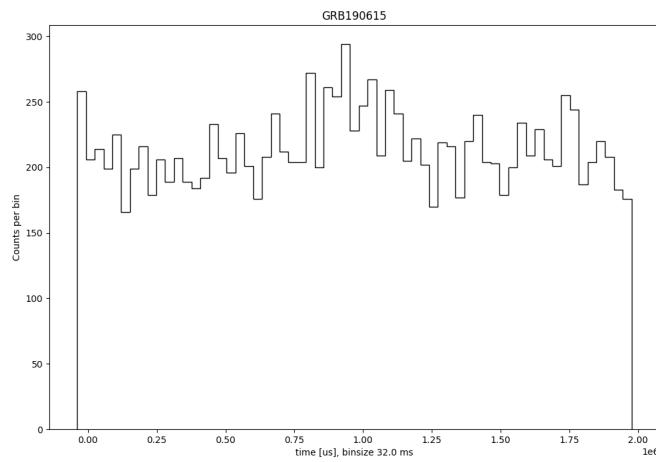


Figure 23: ASIM HED light curve.  $T_0 = 14:42:21.778$

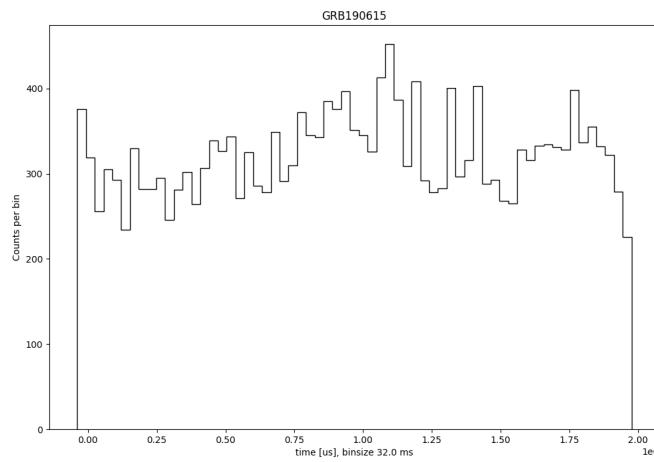


Figure 24: ASIM LED light curve.  $T_0 = 14:42:21.778$

## 1.14 GRB 190628B

16

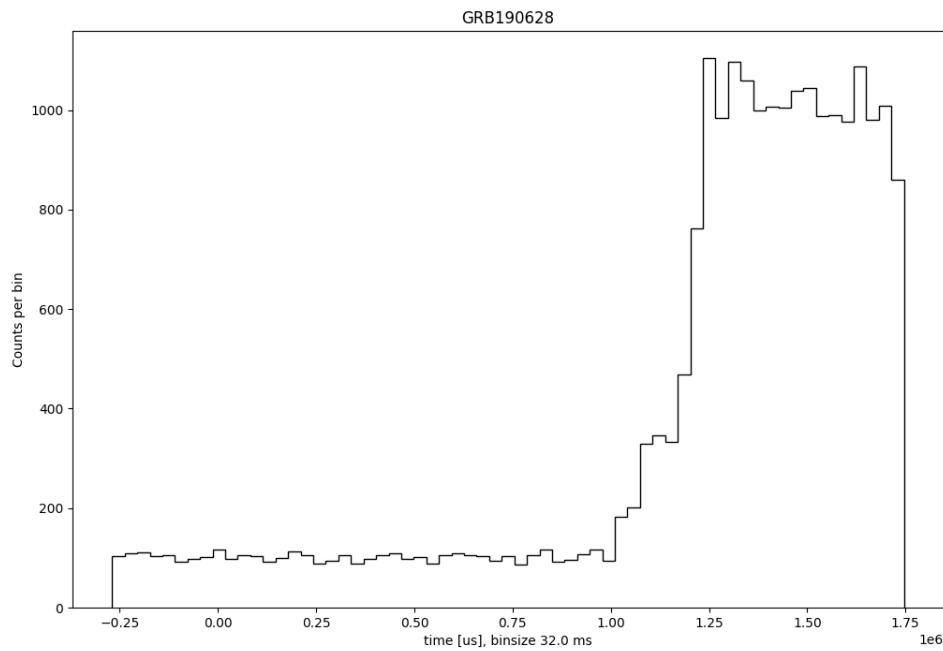


Figure 25: ASIM LED light curve.  $T_0 = 04:23:32.760$

## 1.15 GRB 190706B

17

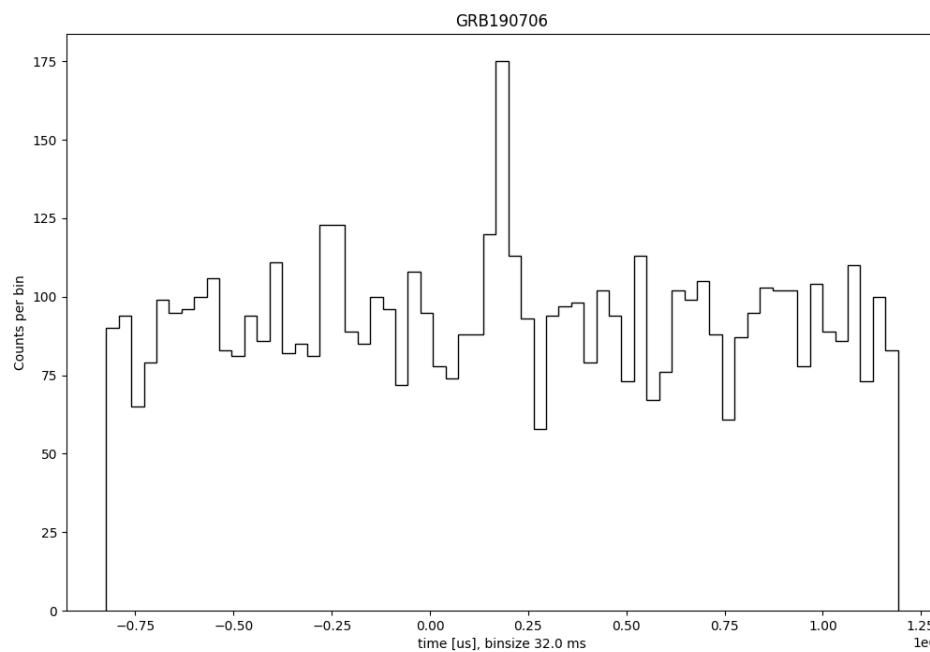


Figure 26: ASIM HED light curve.  $T_0 = 12:40:43.077$

## 1.16 GRB 190829A

18

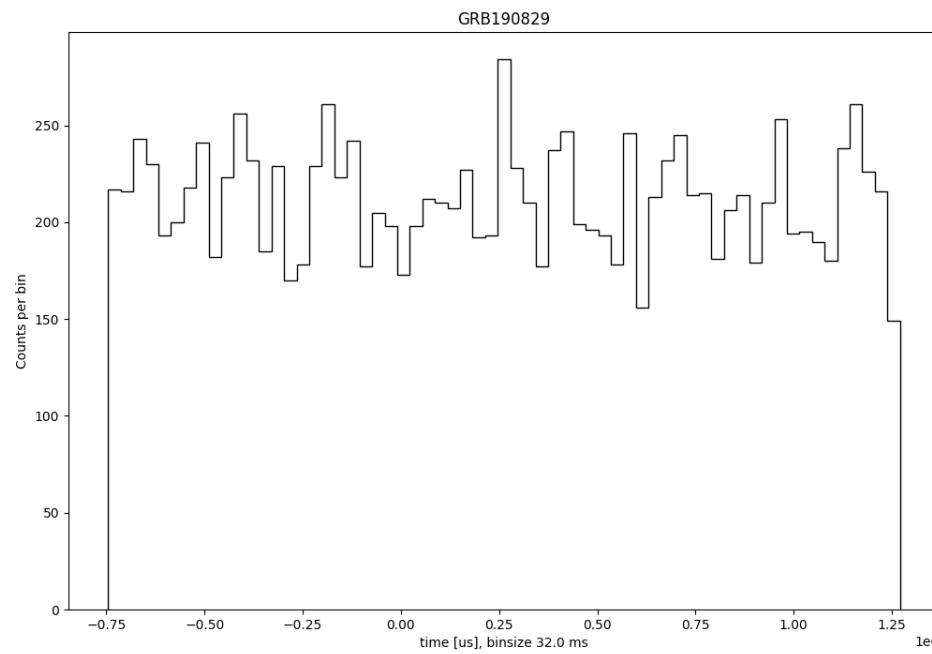


Figure 27: ASIM HED light curve.  $T_0 = 19:56:40.545$

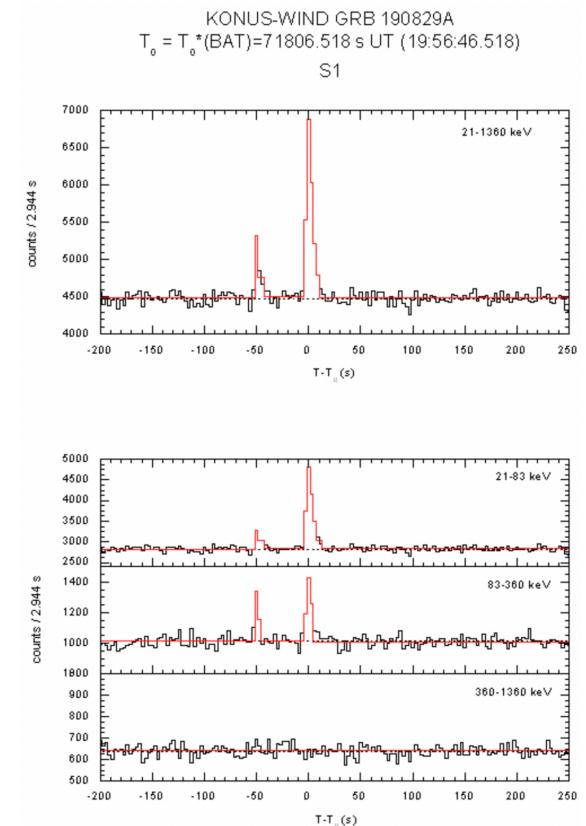
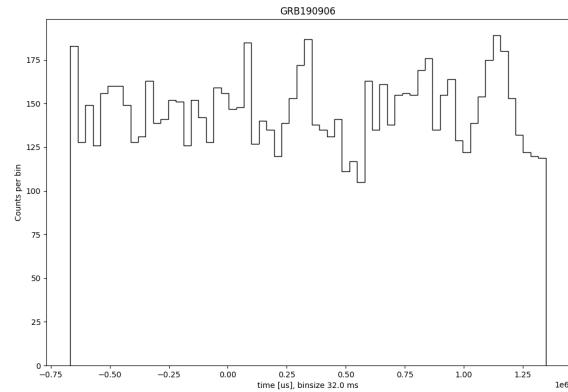


Figure 28: KW light curve

## 1.17 GRB 190906A



16

Figure 29: ASIM HED light curve.  $T_0 = 01:04:51.412$

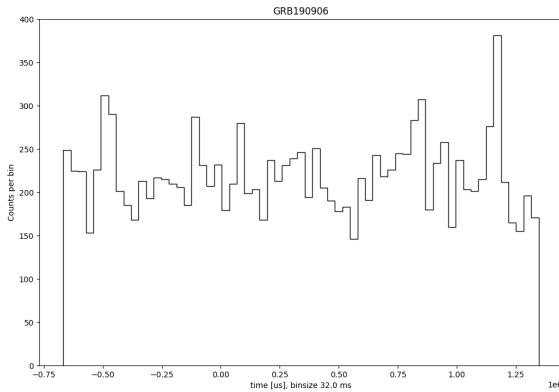
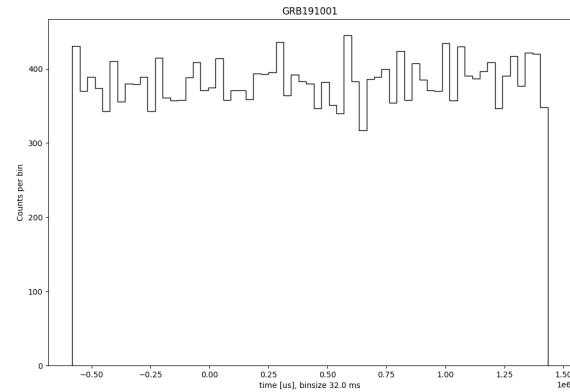


Figure 30: ASIM LED light curve.  $T_0 = 01:04:51.412$

## 1.18 GRB 191001A



20

Figure 31: ASIM HED light curve.  $T_0 = 06:41:52.029$

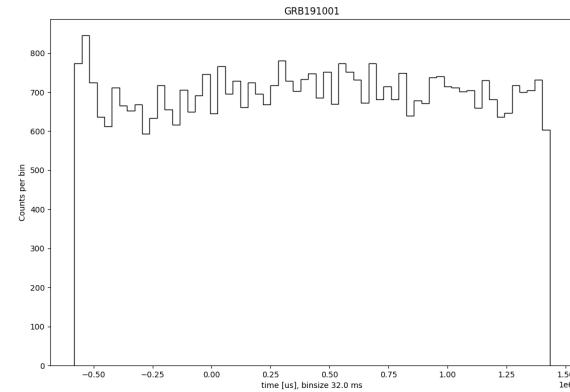


Figure 32: ASIM LED light curve.  $T_0 = 06:41:52.029$

## 1.19 GRB 191004A

21

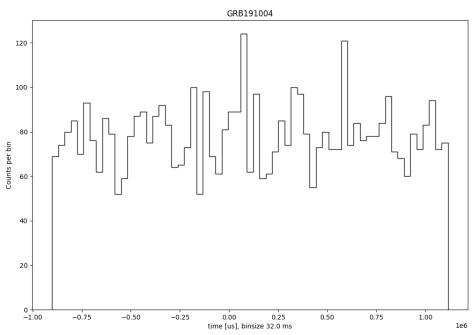


Figure 33: ASIM HED light curve.  $T_0 = 18:07:03.412$

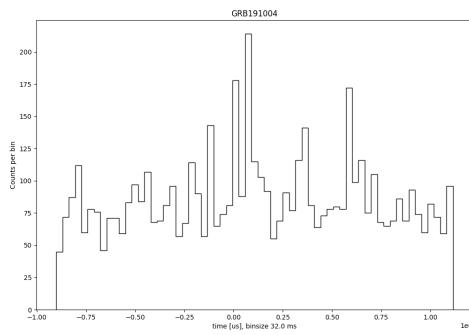


Figure 34: ASIM LED light curve.  $T_0 = 18:07:03.412$

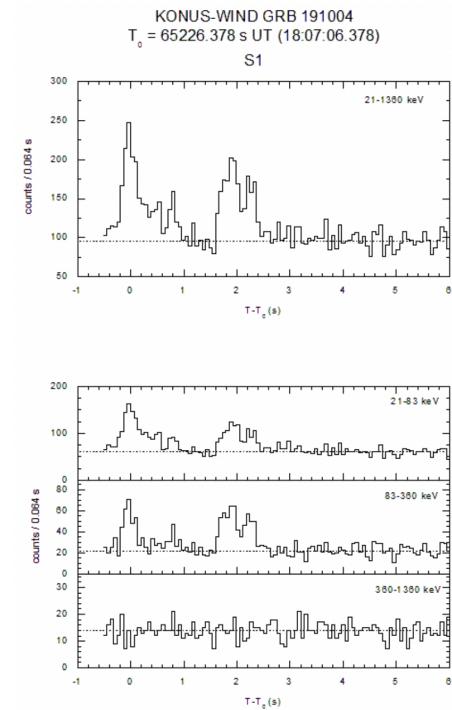


Figure 35: KW light curve.

## 1.20 GRB 191221B

22

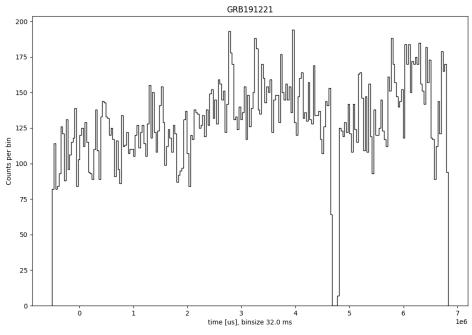


Figure 36: ASIM HED light curve.  $T_0 = 20:39:10.910$

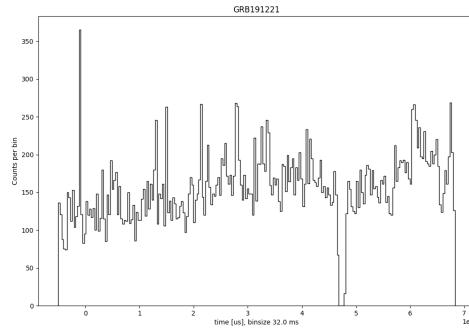


Figure 37: ASIM LED light curve.  $T_0 = 20:39:10.910$

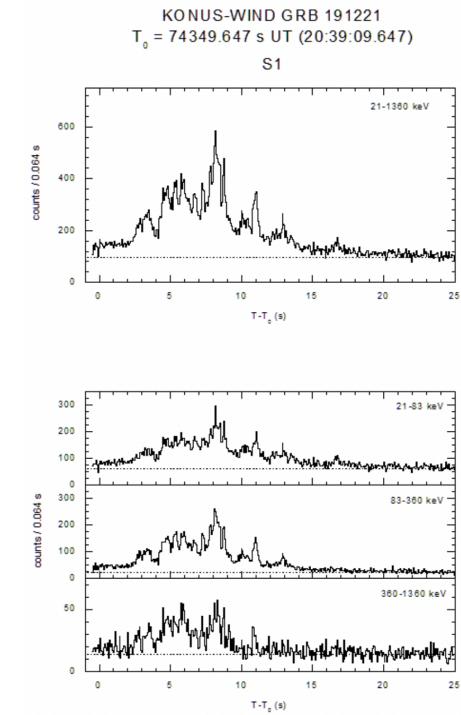
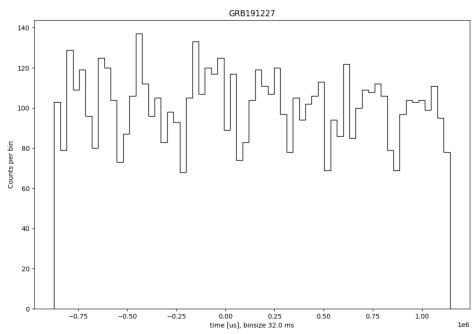


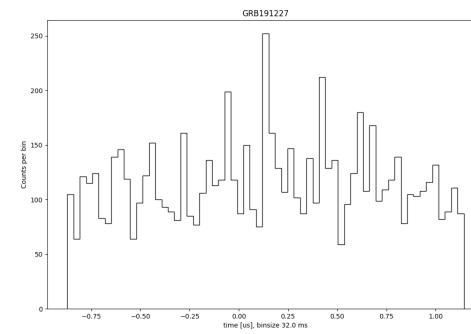
Figure 38: KW light curve.

## 1.21 GRB 191227B

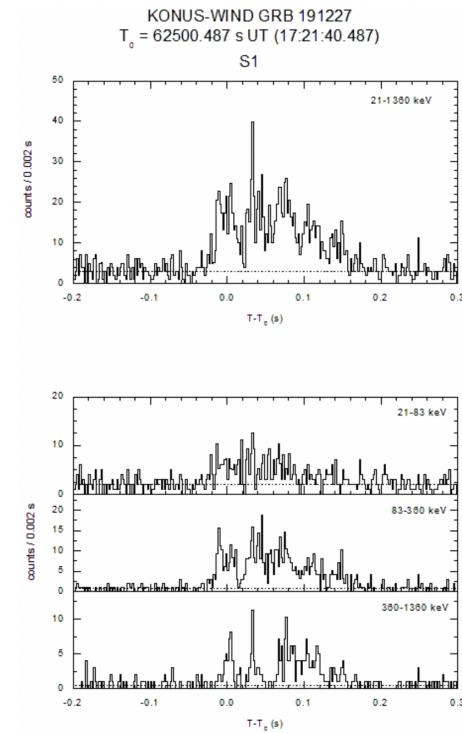
23



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

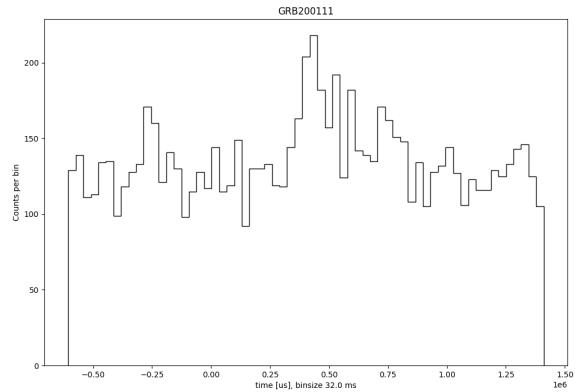


*Figure 40: ASIM LED light curve. T0 = 17:21:45.412*



*Figure 41: KW light curve.*

## 1.22 GRB 200111A



24

Figure 42: ASIM HED light curve.  $T_0 = 15:11:12.960$

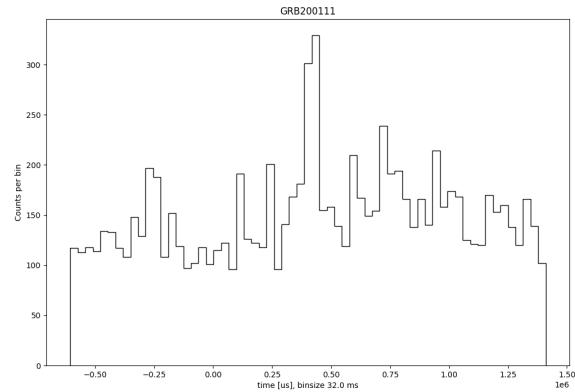


Figure 43: ASIM LED light curve.  $T_0 = 15:11:12.960$

## 1.23 GRB 200122B

25

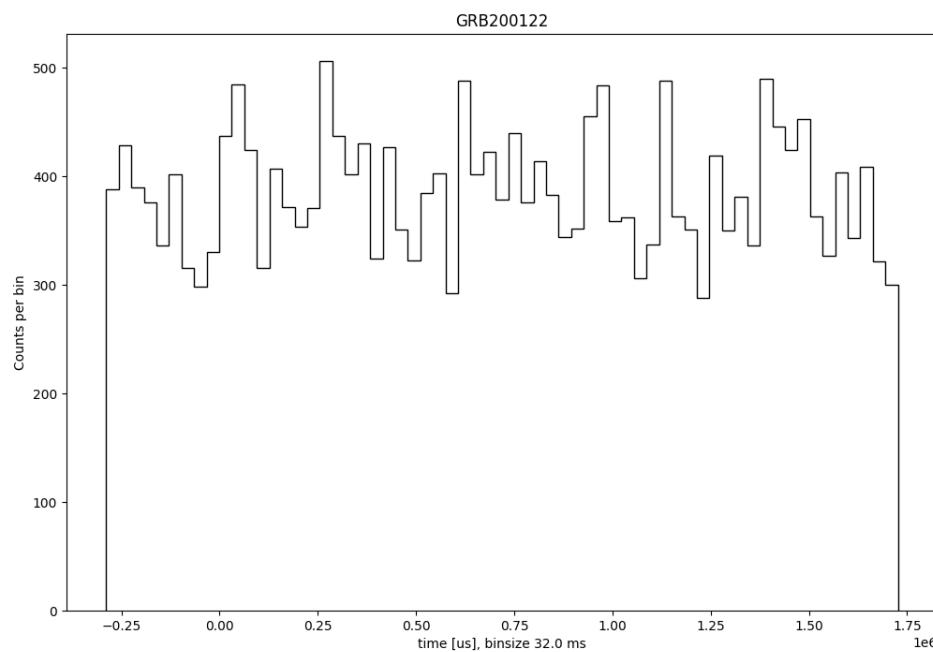
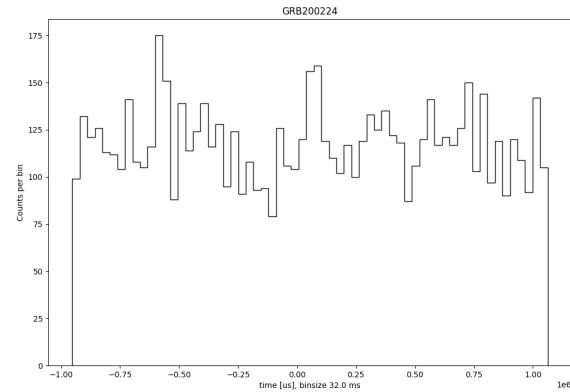


Figure 44: ASIM LED light curve.  $T_0 = 05:18:09.693$

## 1.24 GRB 200224C



26

Figure 45: ASIM HED light curve.  $T_0 = 09:58:44.543$

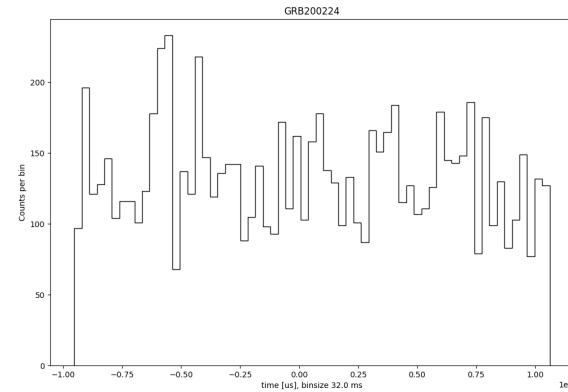


Figure 46: ASIM LED light curve.  $T_0 = 09:58:44.543$

## 1.25 GRB 200412A

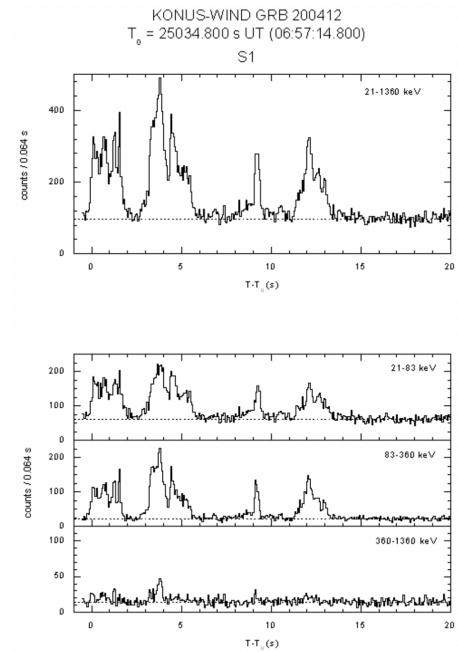
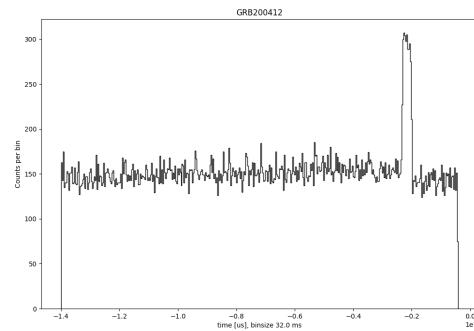
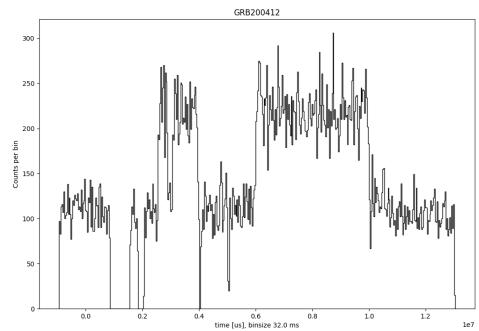


Figure 49: KW light curve.

## 1.26 GRB 200415A

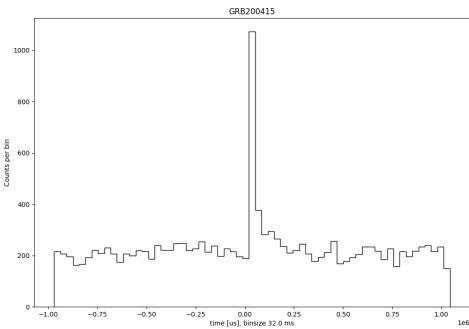


Figure 50: ASIM HED light curve.  $T_0 = 06:57:13.877$

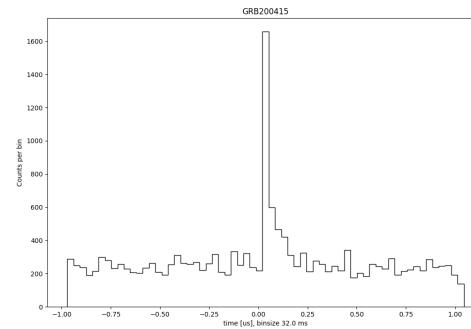


Figure 51: ASIM LED light curve.  $T_0 = 06:57:13.877$

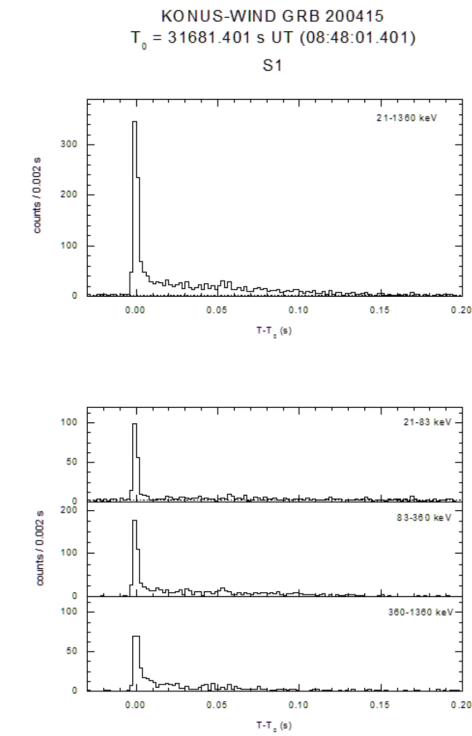
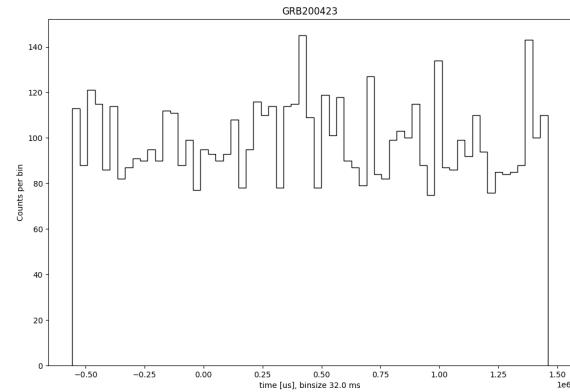


Figure 52: KW light curve.

## 1.27 GRB 200423A



29

Figure 53: ASIM HED light curve.  $T_0 = 13:54:06.029$

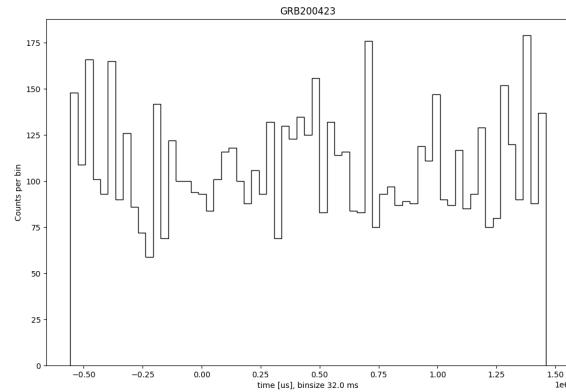


Figure 54: ASIM LED light curve.  $T_0 = 13:54:06.029$

## 1.28 GRB 200521A

0C

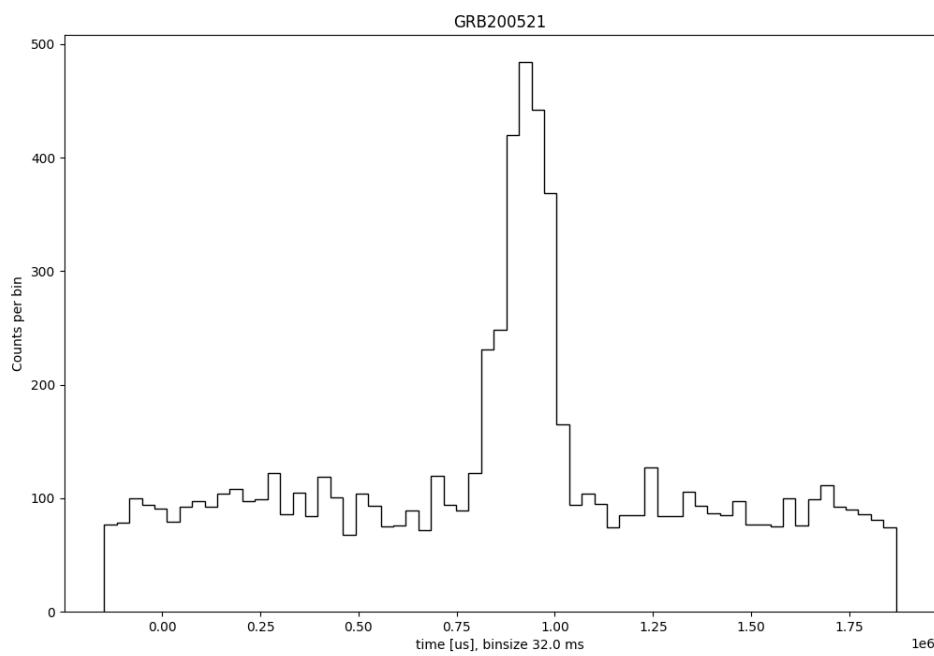


Figure 55: ASIM HED light curve.  $T_0 = 12:16:39.798$

KONUS-WIND GRB 200521  
 $T_0 = 44201.268 \text{ s UT (12:16:41.268)}$

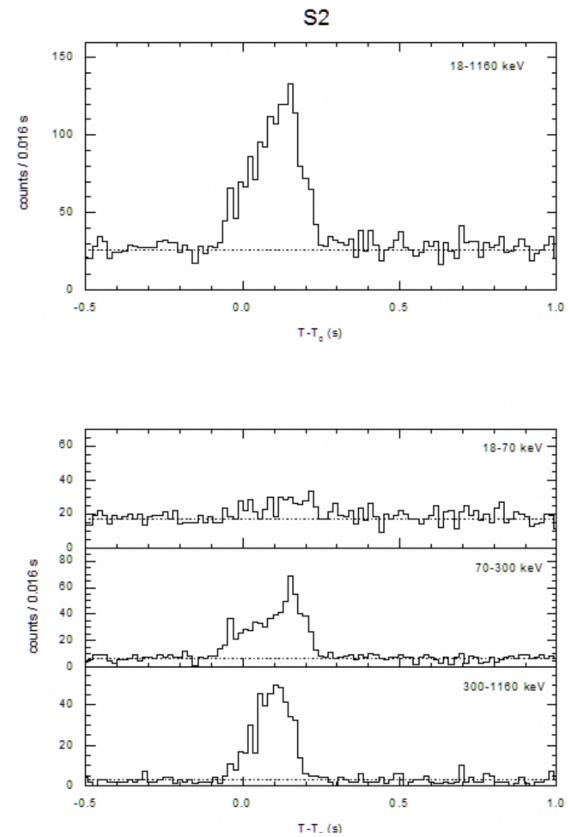
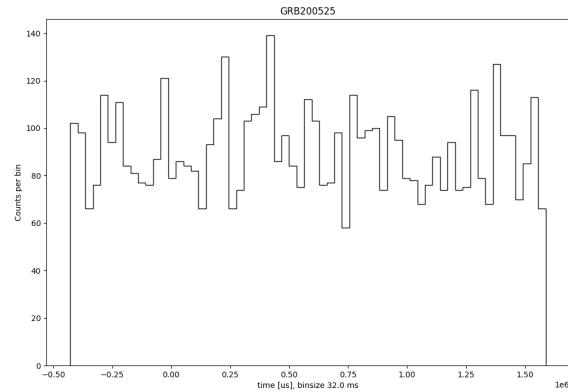


Figure 56: KW light curve

## 1.29 GRB 200525A



31

Figure 57: ASIM HED light curve.  $T_0 = 14:40:22.377$

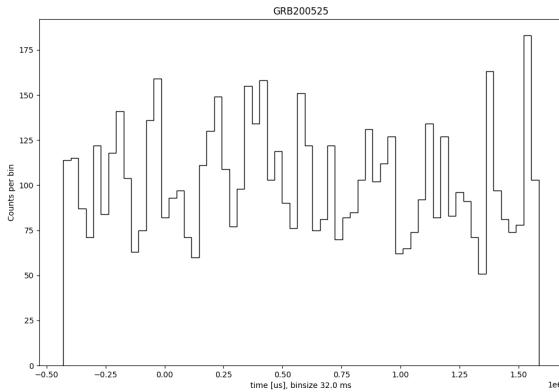


Figure 58: ASIM LED light curve.  $T_0 = 14:40:22.377$

### 1.30 GRB 200605A

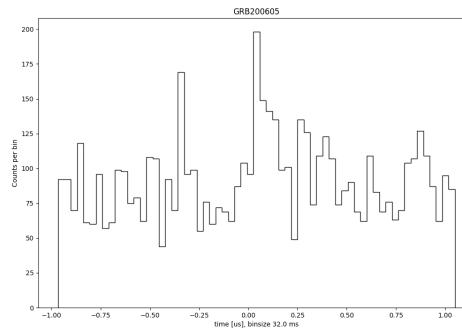
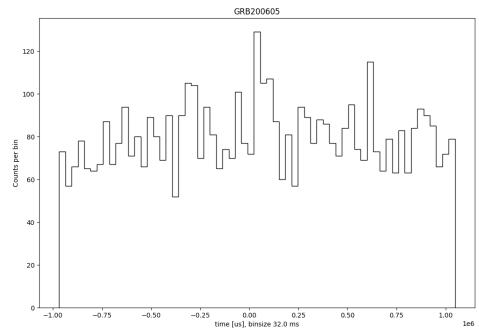


Figure 59: ASIM HED light curve.  $T_0 = 18:17:42.128$

32

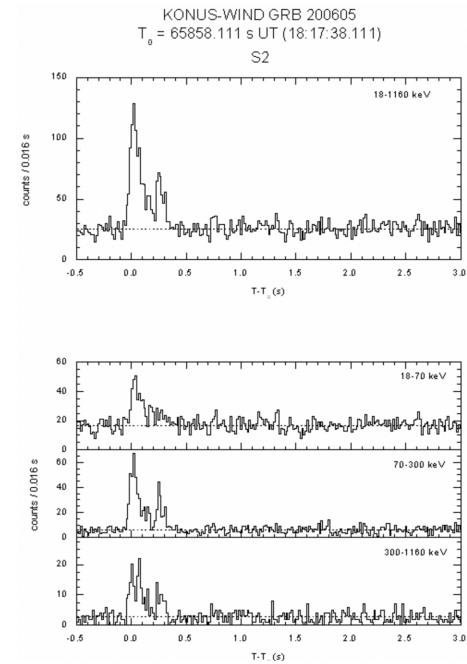


Figure 60: ASIM LED light curve.  $T_0 = 18:17:42.128$

Figure 61: KW light curve.

### 1.31 GRB 200716C

CC

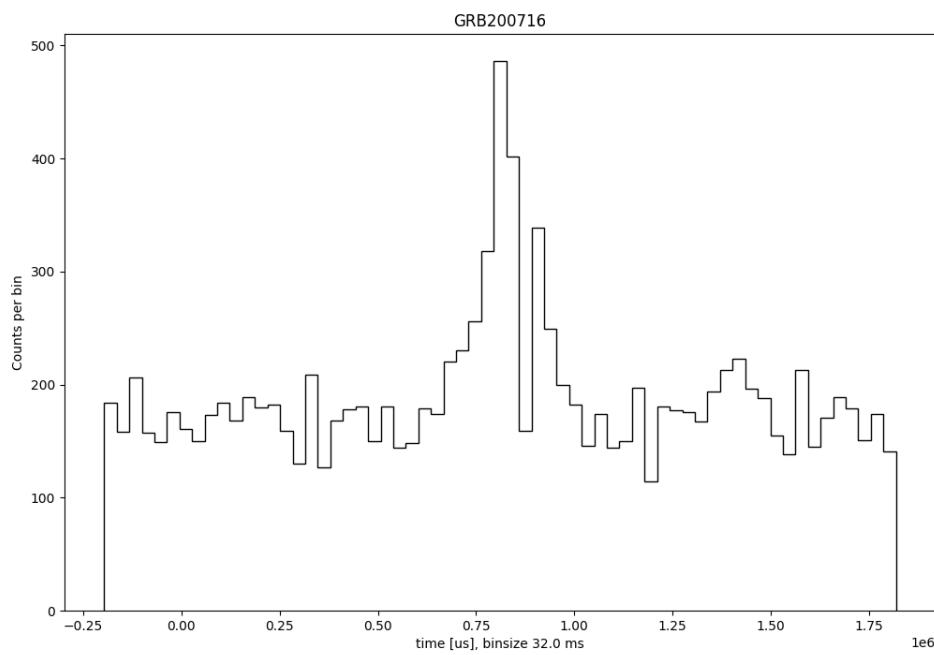


Figure 62: ASIM HED light curve.  $T_0 = 22:57:40.644$

KONUS-WIND GRB 200716  
 $T_0 = 82658.337$  s UT (22:57:38.337)  
 S2

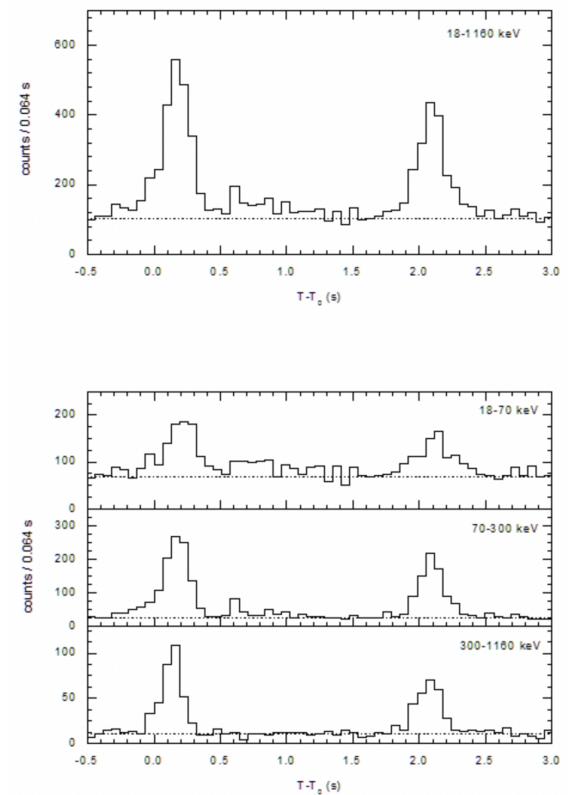


Figure 63: KW light curve

### 1.32 GRB 200903C

44

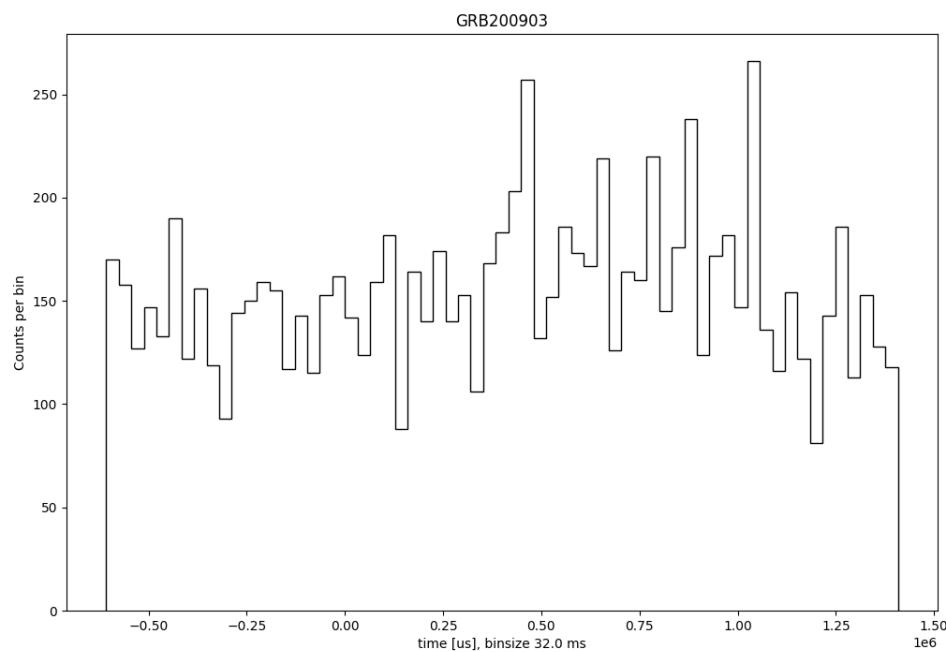
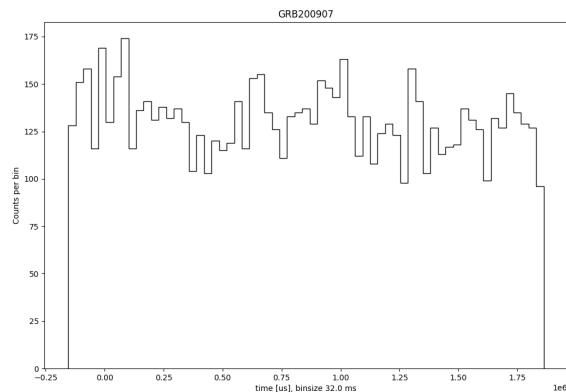


Figure 64: ASIM LED light curve.  $T_0 = 21:38:49.944$

### 1.33 GRB 200907B



65

Figure 65: ASIM HED light curve.  $T_0 = 18:51:20.027$

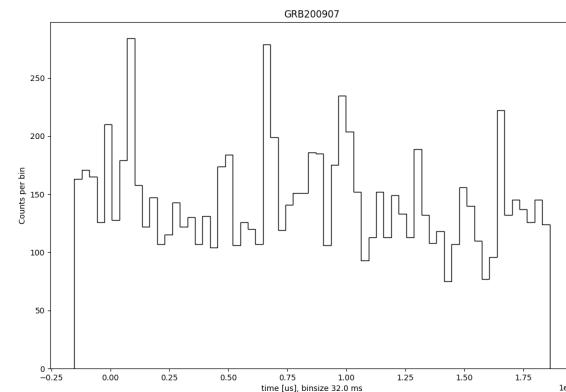
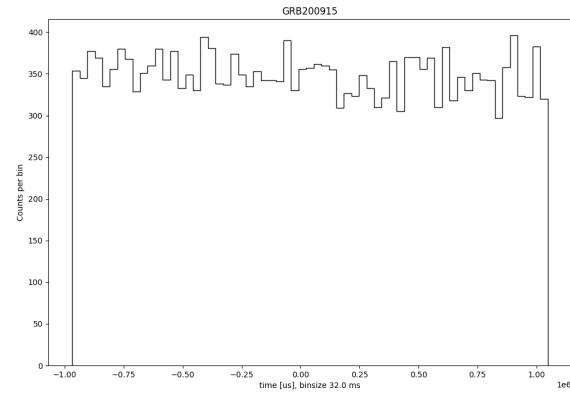


Figure 66: ASIM LED light curve.  $T_0 = 18:51:20.027$

### 1.34 GRB 200915A



9C

Figure 67: ASIM HED light curve.  $T_0 = 03:27:06.594$

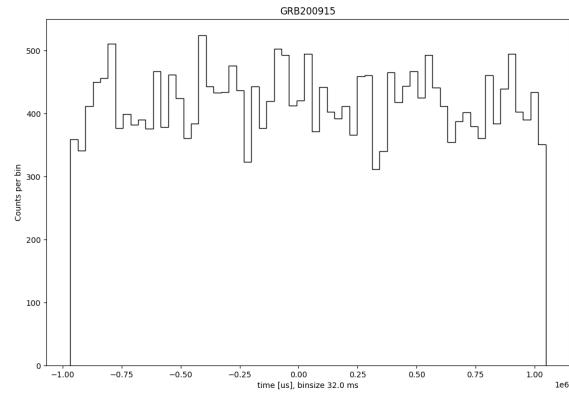


Figure 68: ASIM LED light curve.  $T_0 = 03:27:06.594$

### 1.35 GRB 200923A

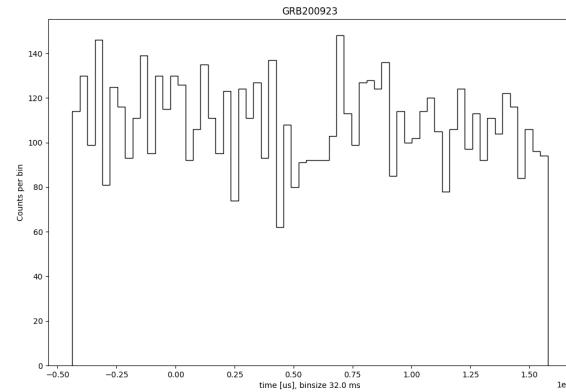


Figure 69: ASIM HED light curve.  $T_0 = 17:57:41.928$

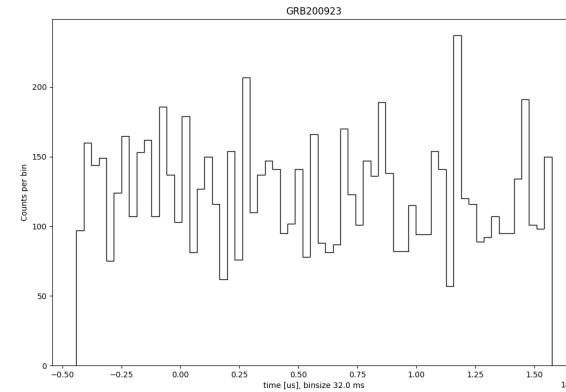


Figure 70: ASIM LED light curve.  $T_0 = 17:57:41.928$

## 1.36 GRB 201109A

38

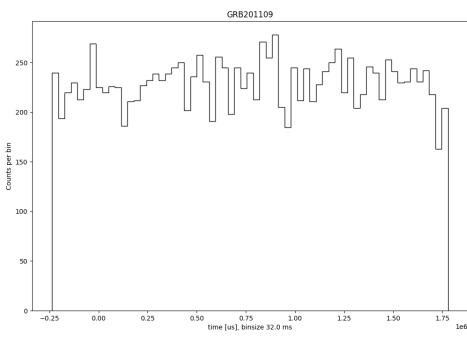


Figure 71: ASIM HED light curve.  $T_0 = 02:31:08.461$

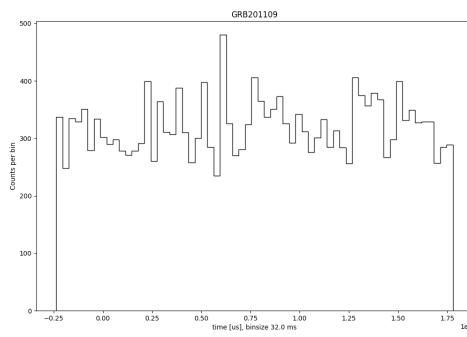


Figure 72: ASIM LED light curve.  $T_0 = 02:31:08.461$

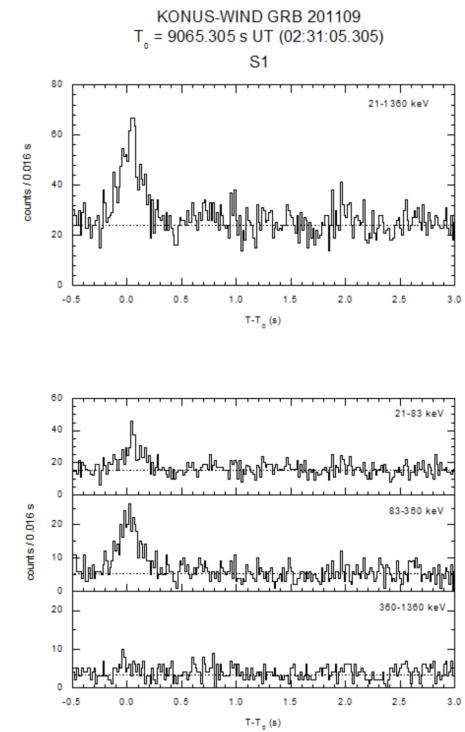


Figure 73: KW light curve.

## 1.37 GRB 201223A

39

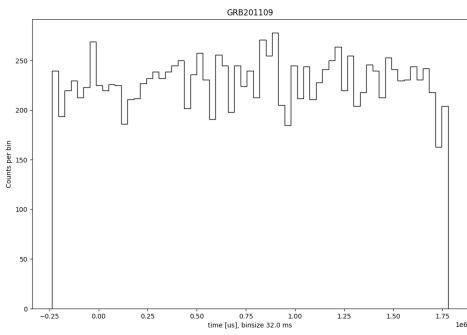


Figure 74: ASIM HED light curve.  $T_0 = 02:31:08.461$

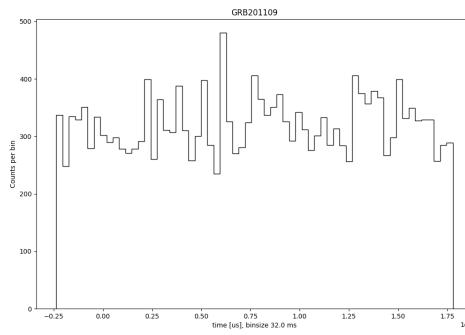


Figure 75: ASIM LED light curve.  $T_0 = 02:31:08.461$

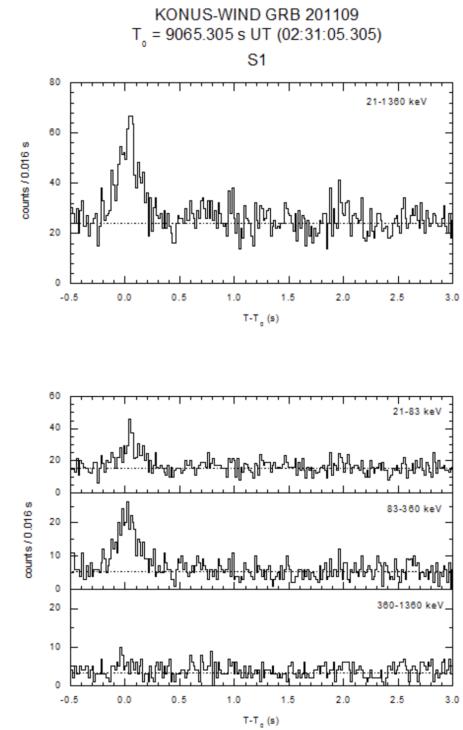


Figure 76: KW light curve.

## 1.38 GRB 201227A

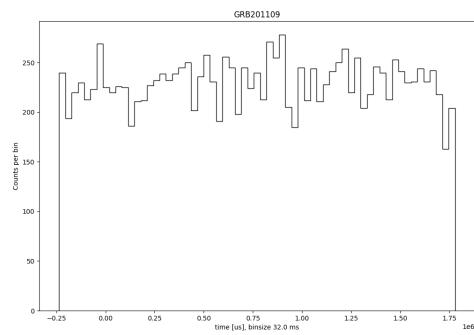


Figure 77: ASIM HED light curve.  $T_0 = 02:31:08.461$

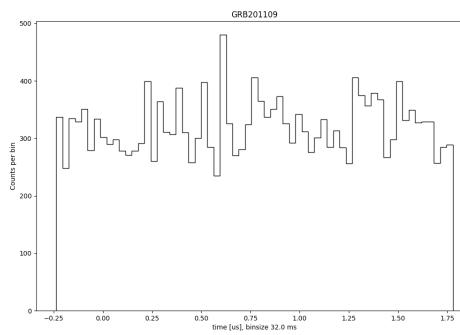


Figure 78: ASIM LED light curve.  $T_0 = 02:31:08.461$

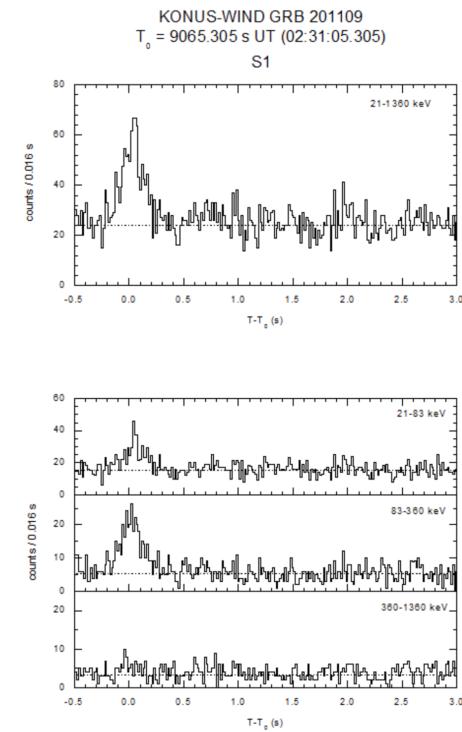


Figure 79: KW light curve.

### 1.39 GRB 210102C

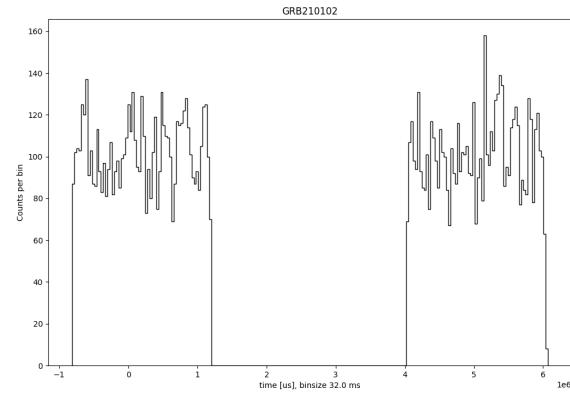


Figure 80: ASIM HED light curve.  $T_0 = 20:38:02.178$

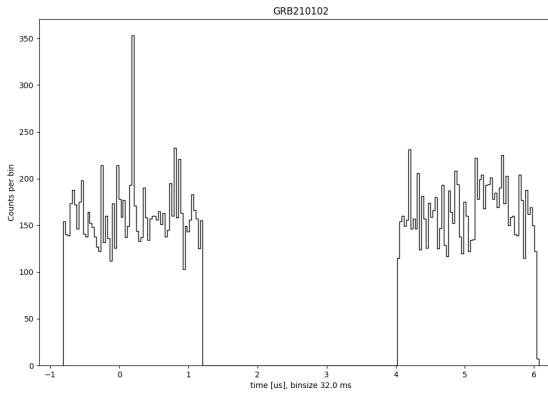


Figure 81: ASIM LED light curve.  $T_0 = 20:38:02.178$

## 1.40 GRB 210411B

42

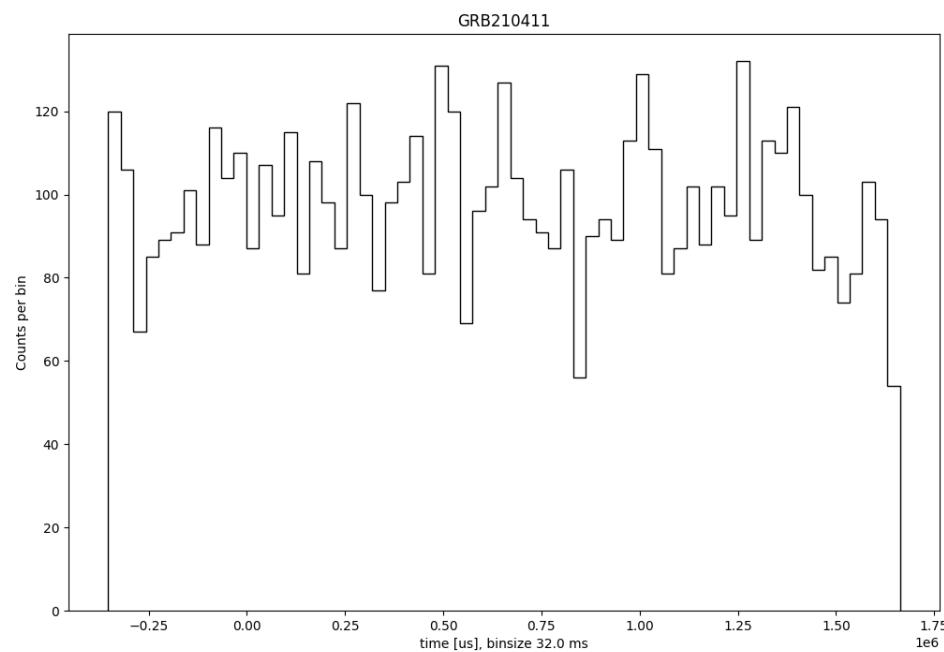


Figure 82: ASIM LED light curve.  $T_0 = 13:32:30.778$

## 1.41 GRB 210424B

C†

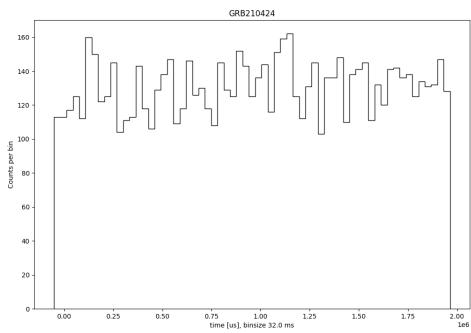


Figure 83: ASIM HED light curve.  $T_0 = 08:01:55.095$

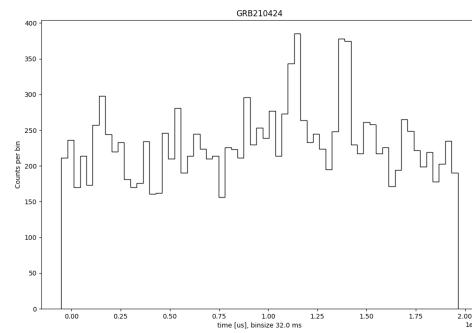


Figure 84: ASIM LED light curve.  $T_0 = 08:01:55.095$

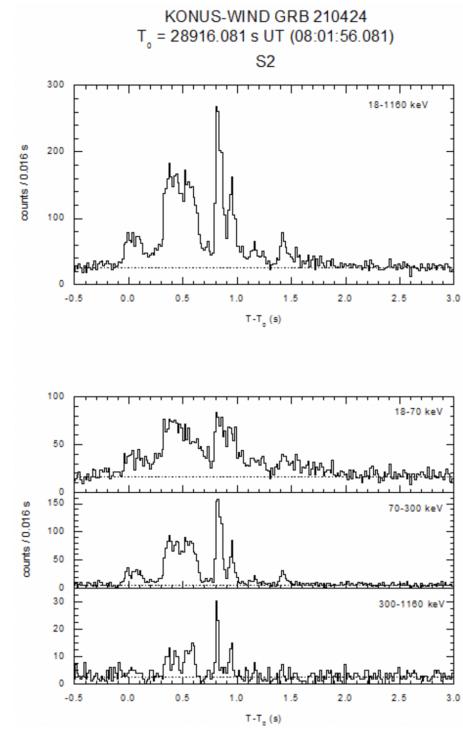


Figure 85: KW light curve.

## 1.42 GRB 210619B

44

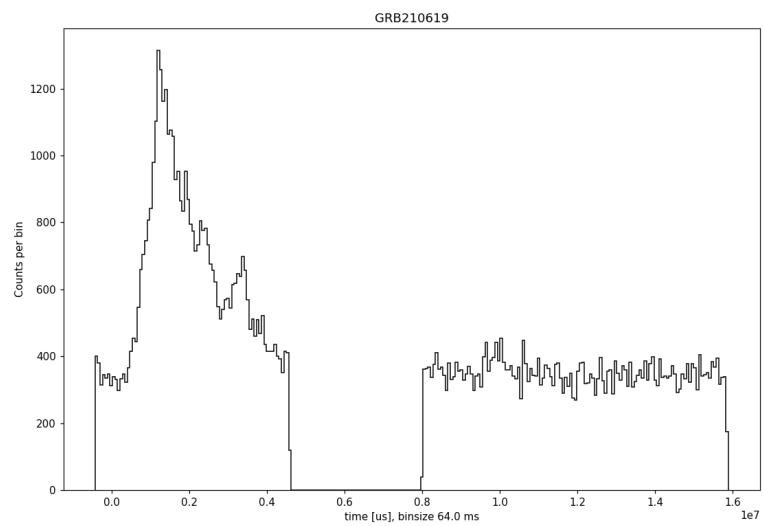


Figure 86: ASIM HED light curve.  $T_0 = 23:59:24.928$

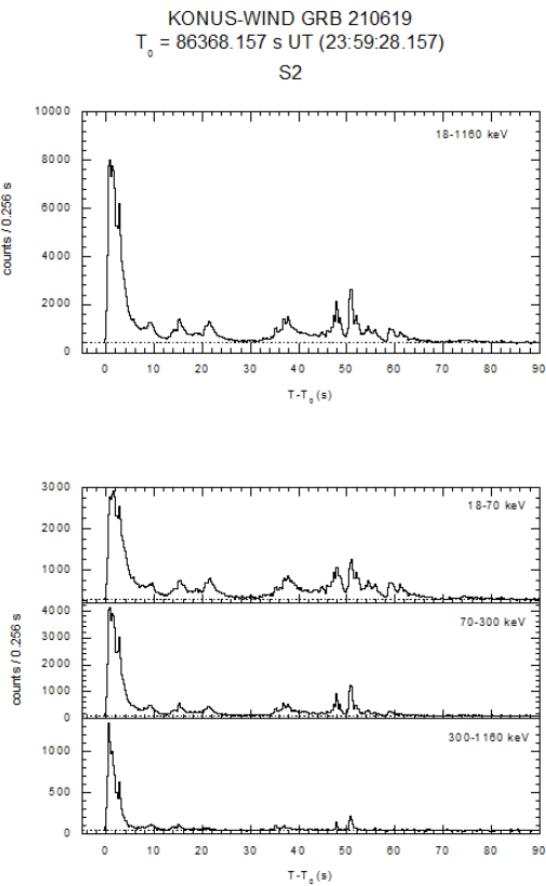


Figure 87: KW light curve

## 1.43 GRB 210701A

54

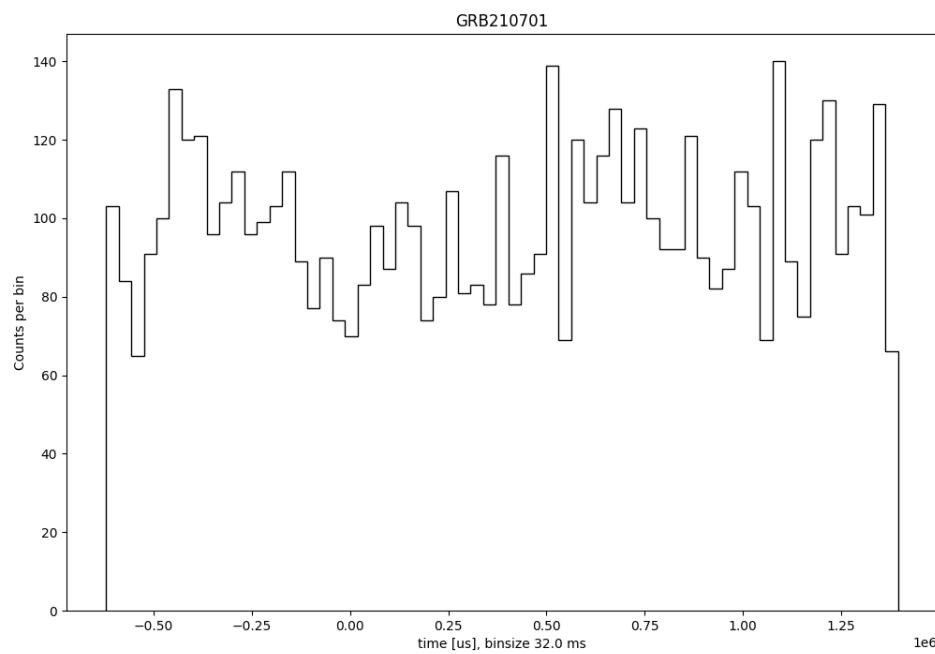


Figure 88: ASIM LED light curve.  $T_0 = 20:01:00.794$

## 1.44 GRB 210702A

94

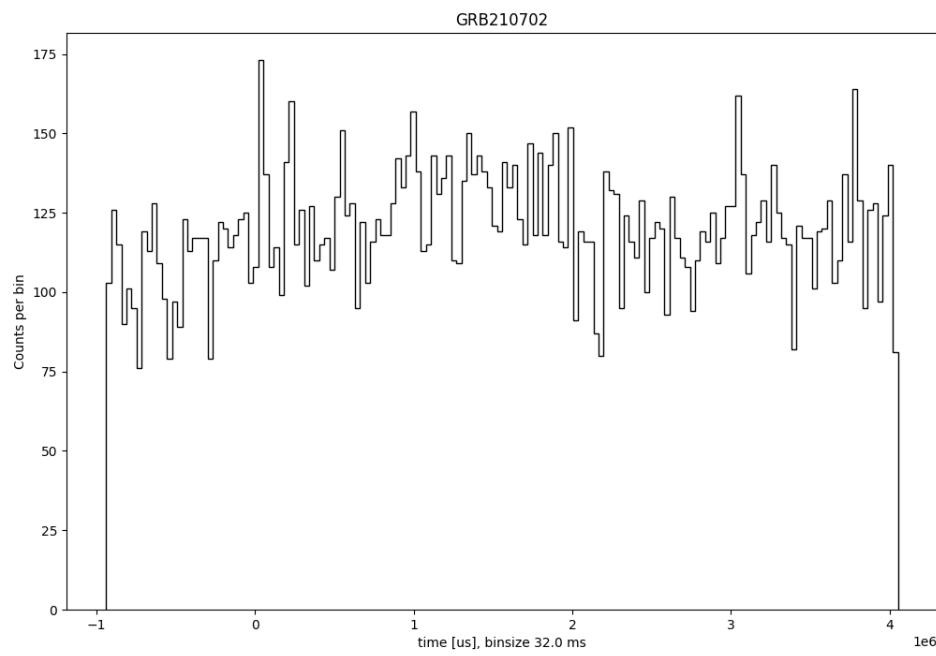


Figure 89: ASIM HED light curve.  $T_0 = 15:14:06.777$

KONUS-WIND GRB 210702  
 $T_0 = 68826.870$  s UT (19:07:06.870)  
 S1

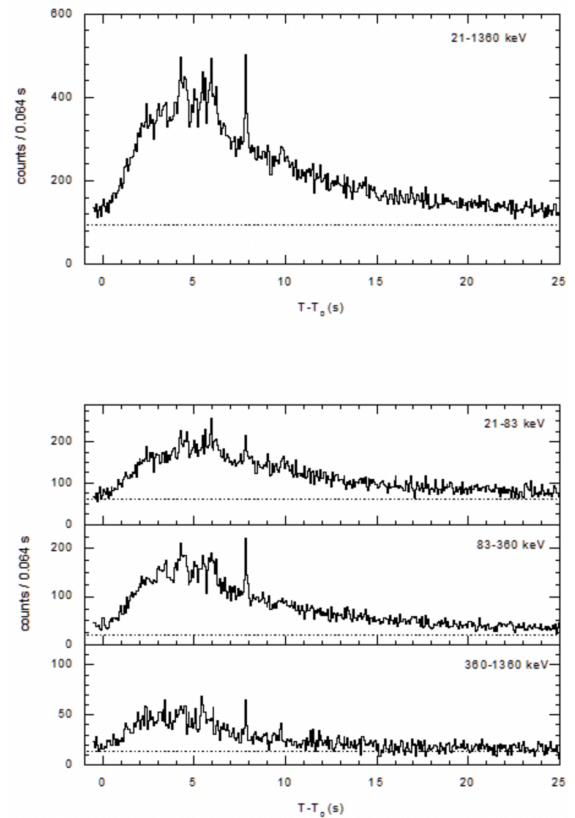


Figure 90: KW light curve

## 1.45 GRB 210724A

Lf

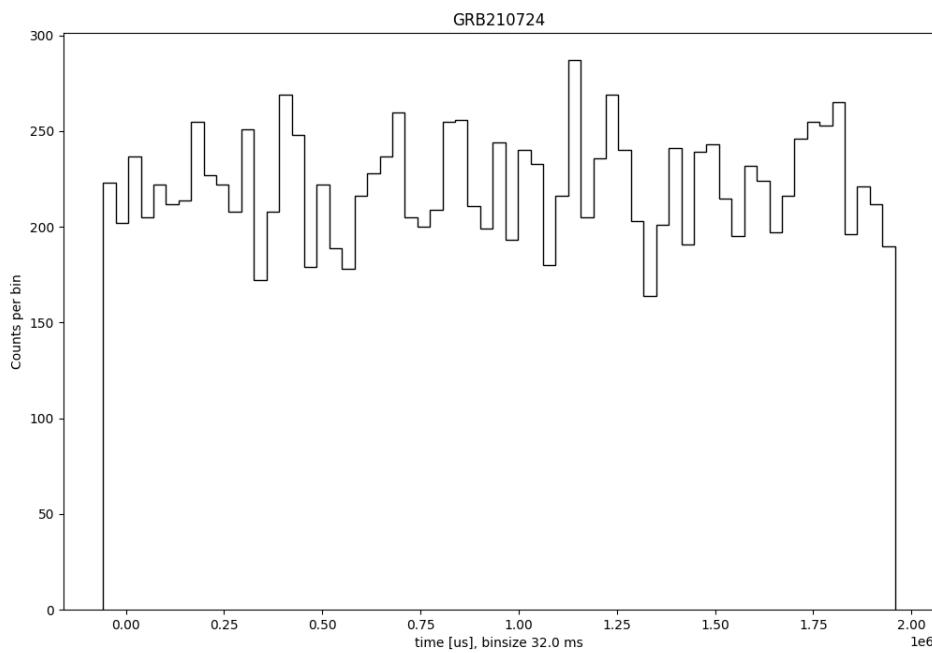


Figure 91: ASIM LED light curve.  $T_0 = 20:14:03.128$

## 1.46 GRB 210903C

84

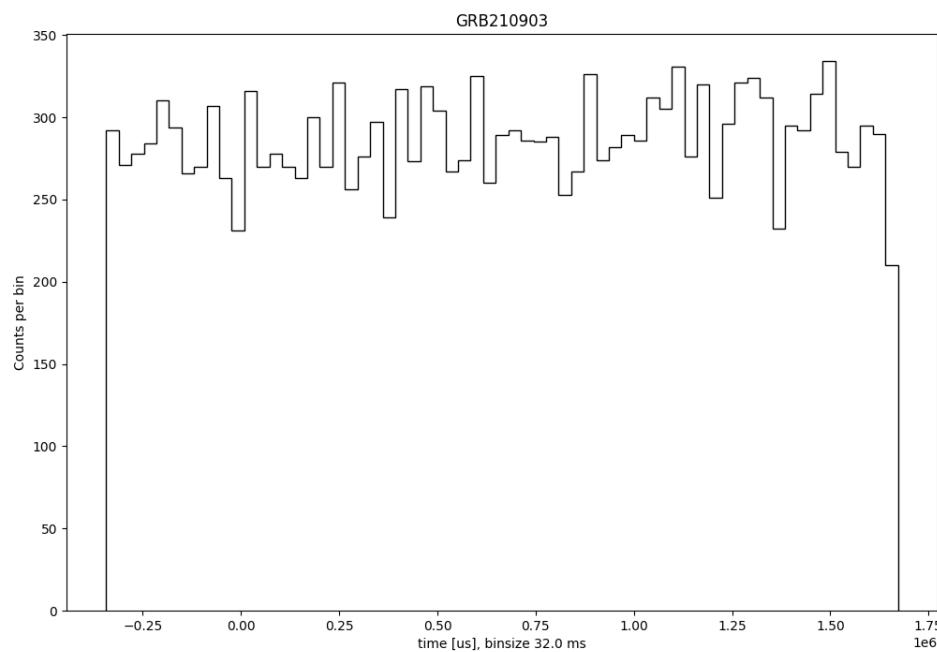


Figure 92: ASIM LED light curve.  $T_0 = 17:26:58.828$

## 1.47 GRB 211118A

64

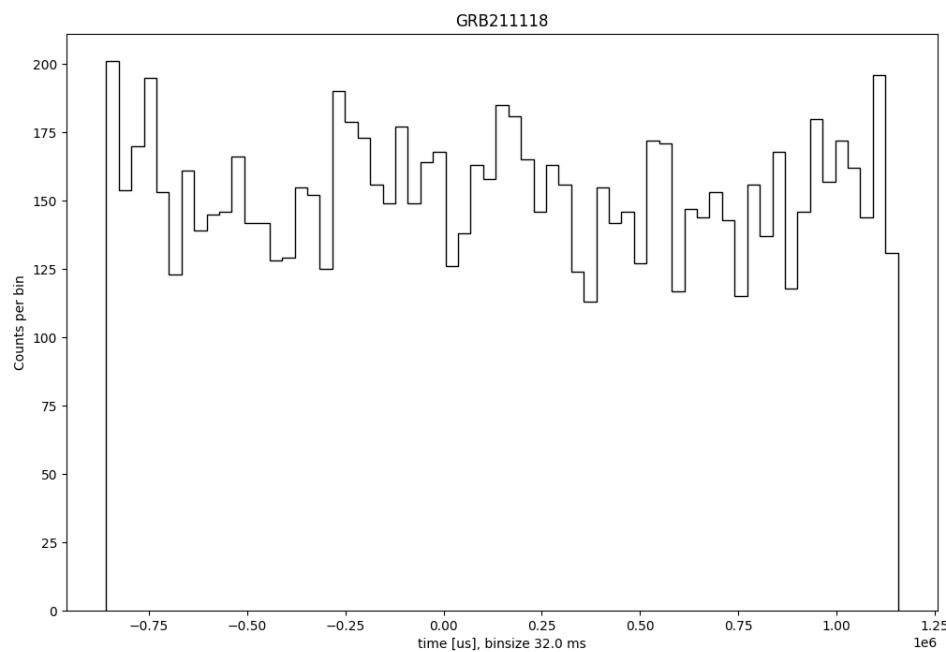


Figure 93: ASIM LED light curve.  $T_0 = 23:38:04.578$

## 1.48 GRB 211211A

50

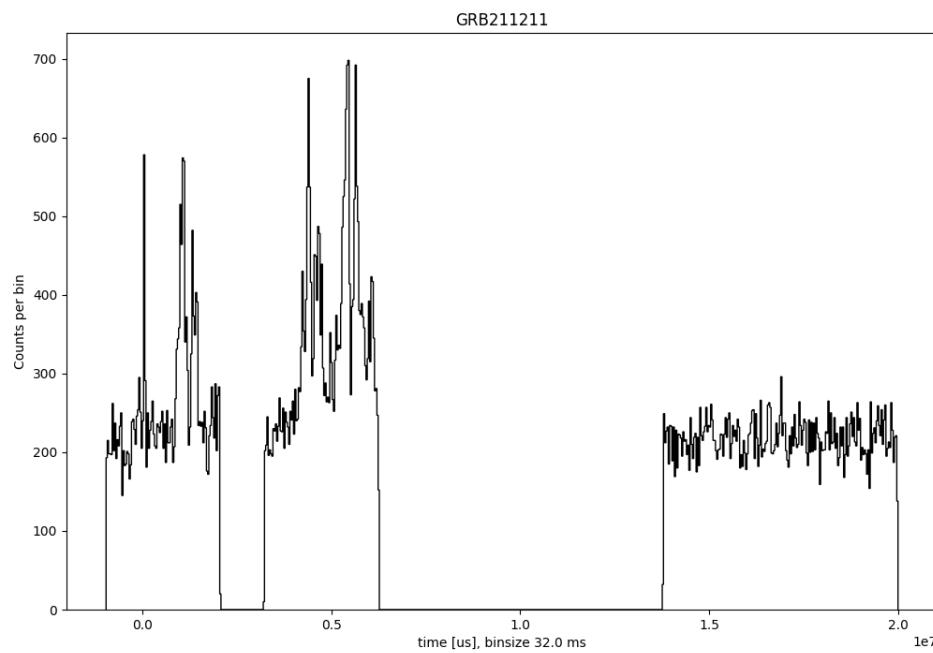


Figure 94: ASIM LED light curve.  $T_0 = 13:10:01.244$

## 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/cm<sup>2</sup>/s. Fluence: erg/cm<sup>2</sup>. E<sub>p</sub> and E<sub>c</sub>: keV. χ<sup>2</sup>: degrees of freedom*

GRB#	Date Time	Other Satellites	Location	GCN #	Duration	Fluence	Peak Flux	Model	alpha	beta	E <sub>p</sub> / E <sub>c</sub>	χ <sup>2</sup>
<b>GRB 180720B</b>	2018-07-20 14:21:45.261	KW, FERMI, SWIFT	0.530, -2.933	<a href="#">23011 – KW</a> <a href="#">22981 – FERMI</a> <a href="#">22973 – SWIFT</a>	125 s	(5.430.26) × 10 <sup>-4</sup>	(9.700.52) × 10 <sup>-5</sup> (64ms)	B	-1.01(-0.06,+0.06)	-2.07(-0.08,+0.07)	451(-45,+52)	102/97
<b>GRB 181103A</b>	2018-11-03 04:22:30	IPN, SWIFT	197.109, +52.230 (SWIFT)	<a href="#">23402 – SWIFT</a>	10 s	2.80 × 10 <sup>-7</sup>	-	-	-	-	-	-
<b>GRB 181222B</b>	2018-12-22 20:11:34.563	KW, IPN, FERMI	294.324, -23.694	<a href="#">23557 – KW</a> <a href="#">23556 – IPN</a> <a href="#">23551 – FERMI</a>	2.1 s	3.70(-0.17,+0.18) × 10 <sup>-5</sup>	2.72(-0.25,+0.26) × 10 <sup>-4</sup> (16 ms)	B	-0.52(-0.08,+0.08)	-2.95(-0.30,+0.20)	365(-26,+27)	53/56
<b>GRB 181227A</b>	2018-12-27 06:17:04.128	KW, IPN, FERMI	29.889, -53.321	<a href="#">23589 – KW</a> <a href="#">23577 – IPN</a> <a href="#">23569 – FERMI</a>	17 s	1.39(-0.15,+0.16) × 10 <sup>-5</sup>	5.91(-0.12,+0.12) × 10 <sup>-5</sup>	B	-0.66(-0.07,+0.07)	-3.53(-0.24,+0.18)	93(-2,+2)	72/96
<b>GRB 190117B</b>	2019-01-17 08:50:42.572	FERMI	105.27, -20.57	<a href="#">ICECUBE – FERMI</a>	35.585 s	-	2.81(±0.07) × 10 <sup>-6</sup>	-	-	-	-	-
<b>GRB 190206A</b>	2019-02-06 03:49:28.312	KW, IPN	313.330, -30.510	<a href="#">23880 – KW</a> <a href="#">23879 – IPN</a>	0.1 s	6.44(-0.75,+0.76) × 10 <sup>-4</sup> (16 ms)	1.64(-0.17,+0.17) × 10 <sup>-5</sup>	A B	-0.58(-0.10,+0.12) -0.58(-0.10,+0.12)	< -2.3	1600(-223,+248)	31/30
<b>GRB 190305A</b>	2019-03-05 13:05:19.779	KW, IPN, AGILE	340.399, -10.588	<a href="#">23939 – KW</a> <a href="#">23936 – IPN</a> <a href="#">23930 – AGILE</a>	11 s	1.47(±0.04) × 10 <sup>-4</sup>	2.00(±0.08) × 10 <sup>-4</sup>	B	-0.44(-0.04,+0.05)	-2.82(-0.11,+0.10)	387(-15,+16)	130/74
<b>GRB 190320A</b>	2019-03-20 01:14:16.49	FERMI, SWIFT	117.84813, -45.88785	<a href="#">23977 – SWIFT</a> <a href="#">23978 – FERMI</a>	43 s	-	-	B	-0.74 ± 0.09	-2.2 ± 0.4	-	-
<b>GRB 190404A</b>	2019-04-04 07:01:14.501	FERMI	121.3900, 55.4200	<a href="#">ICECUBE – FERMI</a>	9 s	9.48(±0.829) × 10 <sup>-7</sup>	-	-	-	-	-	-
<b>GRB 190420A</b>	2019-04-20 23:32:24.838	FERMI	319.2900, -66.4100	<a href="#">ICECUBE – FERMI</a>	1.47 s	6.54(±0.331) × 10 <sup>-7</sup>	-	-	-	-	-	-
<b>GRB 190501A</b>	2019-05-01 05:23:22.111	KW, IPN, FERMI	173.591, 62.105	<a href="#">24452 – KW</a> <a href="#">24372 – IPN</a> <a href="#">ICECUBE – FERMI</a>	50 + s	2.04(-0.13,+0.13) × 10 <sup>-4</sup>	3.55(-0.99,+0.99) × 10 <sup>-5</sup> (64 ms)	B	-0.91(-0.04,+0.04)	-2.10(-0.09,+0.08)	316(-23,+24)	70/59
<b>GRB 190606A</b>	2019-06-06 01:55:03.800	KW, IPN, FERMI	76.561, -0.638	<a href="#">24784 – KW</a> <a href="#">24765 – IPN</a> <a href="#">ICECUBE – FERMI</a>	0.2 s	1.16(-0.18,+0.18) × 10 <sup>-5</sup>	1.45(-0.39,+0.35) × 10 <sup>-4</sup> (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)	32/34
<b>GRB 190615B</b>	2019-06-15 14:42:21.778	ASTROSAT, Insight, KW, INTEGRAL	-	<a href="#">24843 – Insight</a>	23.69 s	-	-	-	-	-	-	-
<b>GRB 190628B</b>	2019-06-28 04:23:32.760	ASTROSAT	-	<a href="#">24972 – ASTROSAT</a>	12 s	-	-	-	-	-	-	-
<b>GRB 190706B</b>	2019-07-06 12:40:43.077	SWIFT	107.449, -29.584	<a href="#">24993 – SWIFT</a>	25 s	-	-	-	-	-	-	-
<b>GRB 190829A</b>	2019-08-29 19:56:40.545	KW, FERMI, SWIFT, AGILE ...	45.6, -7.1	<a href="#">25560 – KW</a> <a href="#">25575 – FERMI</a>	61.8 s	1.29(-0.13,-0.15) × 10 <sup>-5</sup>	1.13(-0.11,+0.13) × 10 <sup>-6</sup> (2.944 s)	A	-1.33(-0.23,+0.30)	-	579(-281,+2282)	-
<b>GRB 190906A</b>	2019-09-06 01:04:51.412	KW, SWIFT, IPN	267.576, -11.916	<a href="#">25926 – IPN</a> <a href="#">25938 – FERMI</a>	-	-	10.5 ± 0.4 ph/s/cm <sup>2</sup> (1 s)	A	-0.8 ± 0.1	-	114 ± 9	-
<b>GRB 191001A</b>	2019-10-01 06:41:52.029	KW, FERMI, IPN, SWIFT	267.1042, 11.6500	<a href="#">25926 – IPN</a> <a href="#">25938 – FERMI</a>	24 s	(4.7 ± 0.2) × 10 <sup>-6</sup>	10.5 ± 0.4 ph/s/cm <sup>2</sup> (1 s)	A	-0.8 ± 0.1	-	114 ± 9	-
<b>GRB 191004A</b>	2019-10-04 18:07:03.412	KW, CALET, SWIFT	31.721, -36.932	<a href="#">25973 – KW</a> <a href="#">25945 – SWIFT</a>	5 s	2.00(-0.41,+0.62) × 10 <sup>-6</sup>	2.38(-0.83,+1.02) × 10 <sup>-6</sup>	A B	-0.69(-0.61,+0.83) -0.69(-0.61,+0.83)	< -2.0	157(-37,+95)	48/56
<b>GRB 191221B</b>	2019-12-21 20:39:10.910	KW, AGILE, FERMI, IPN	154.8333, -38.1333	<a href="#">26576 – KW</a> <a href="#">ICECUBE – FERMI</a> <a href="#">IPN</a>	35 s	(1.0 ± 0.1) × 10 <sup>-4</sup>	(1.9 ± 0.2) × 10 <sup>-5</sup> (64 ms)	B	-0.81(-0.06,+0.06)	-2.47(-0.24,+0.16)	377(-29,+30)	99/97
<b>GRB 191227B</b>	2019-12-27 17:21:45.412	KW, IPN, FERMI	256.466, -26.7390	<a href="#">26613 – KW</a> <a href="#">26612 – IPN</a> <a href="#">ICECUBE – FERMI</a>	0.2 s	8.80(-1.42,+1.40) × 10 <sup>-6</sup>	8.83(-2.12,+2.10) × 10 <sup>-5</sup>	B	-0.56(-0.21,+0.31)	-2.35(-1.19,+0.38)	985(-323,+373)	49/49
<b>GRB 200111A</b>	2020-01-11 15:11:12.960	FERMI, IPN, CALET	107.8708, 32.5500	<a href="#">26705 – FERMI</a> <a href="#">26778 – IPN</a>	-	(3.00 ± 0.0229) × 10 <sup>-6</sup>	-	-	-	-	-	-
<b>GRB 200122B</b>	2020-01-22 05:18:09.693	FERMI	124.6600, 67.0900	<a href="#">ICECUBE – FERMI</a>	2.816 s	3.9052 × 10 <sup>-7</sup>	-	-	-	-	-	-
<b>GRB 200224C</b>	2020-02-24 09:58:44.543	FERMI, IPN	205.2470, 54.6690	<a href="#">27183 – IPN</a> <a href="#">27178 – FERMI</a>	64 ms	6.9752 × 10 <sup>-8</sup>	-	-	-	-	-	-
<b>GRB 200412A</b>	2020-04-12 06:57:13.877	KW, FERMI	137.1625, -39.0167	<a href="#">27577 – KW</a> <a href="#">ICECUBE – FERMI</a> <a href="#">27560 – IPN</a>	13.3 s	3.27(-0.32,+0.35) × 10 <sup>-5</sup>	1.18(-0.15,+0.15) × 10 <sup>-5</sup>	B	-0.59(-0.11,+0.12)	-2.68(-0.41,+0.23)	229(-19,+20)	56/68
<b>GRB 200415A</b>	2020-04-15 08:48:05.561	KW, IPN, FERMI ...	11.0708, -25.0167	<a href="#">27596 – KW</a> <a href="#">27590 – FERMI</a> <a href="#">27585 – IPN</a>	5 ms	8.1(-0.8,+0.9) × 10 <sup>-6</sup>	1.0(±0.08) × 10 <sup>-3</sup> (2 ms)	A B	+0.10(-0.23,+0.27) +0.10(-0.23,+0.27)	< -2.5	818(-112,+136)	33/49

GRB#	Date Time	Other Satellites	Location	GCN #	Duration	Fluence	Peak Flux	Model	alpha	beta	Ep / Ec	$\chi^2$
<b>GRB 200423A</b>	2020-04-23 13:54:06.029	IPN	234.403, 51.175	<a href="#">27647 - IPN</a> <a href="#">27633 - FERMI</a>	32 ms	$8.7955 \times 10^{-8}$	-	-	-	-	-	-
<b>GRB 200521A</b>	2020-05-21 12:16:39.798	KW, IPN, FERMI	169.531, 7.222	<a href="#">27795 - IPN</a>	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
<b>GRB 200525A</b>	2020-05-25 14:40:22.377	FERMI	20.610, -8.520	<a href="#">27823 - FERMI</a>	93.44 s	$(8.8589 \pm 0.1726) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 200605A</b>	2020-06-05 18:17:42.128	KW, FERMI, IPN	95.839, 50.954	<a href="#">27912 - KW</a> <a href="#">27900 - IPN</a> <a href="#">27893 - IPN</a>	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
<b>GRB 200716C</b>	2020-07-16 22:57:40.644	KW, FERMI, SWIFT	196.0101, 29.6446	<a href="#">28148 - KW</a> <a href="#">28130 - FERMI</a>	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
<b>GRB 200903C</b>	2020-09-03 21:38:49.944	FERMI	9.7500, -2.8600	<a href="#">28364 - FERMI</a>	7.1680 s	$(5.3829 \pm 0.60018) \times 10^{-7}$	-	-	-	-	-	-
<b>GRB 200907B</b>	2020-09-07 18:51:20.027	FERMI, SWIFT, IPN	89.0125, 6.9167	<a href="#">ICECUBE - FERMI</a>	0.830 s	$1.6000 \times 10^{-7}$	-	-	-	-	-	-
<b>GRB 200915A</b>	2020-09-15 03:27:06.594	FERMI	354.6600, 34.9500	<a href="#">ICECUBE - FERMI</a>	1.5360 s	$(9.4676 \pm 1.3349) \times 10^{-8}$	-	-	-	-	-	-
<b>GRB 200923A</b>	2020-09-23 17:57:41.928	FERMI	126.3000, -54.2500	<a href="#">28488 - FERMI</a>	0.6400 s	$(1.9181 \pm 0.18010) \times 10^{-7}$	-	-	-	-	-	-
<b>GRB 201109A</b>	2020-11-09 02:31:08.461	KW, FERMI, IPN	138.382, -9.192	<a href="#">28877 - IPN</a> <a href="#">28881 - KW</a> <a href="#">28869 - FERMI</a>	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
<b>GRB 201223A</b>	2020-12-23 17:58:10.477	FERMI, SWIFT	132.7896, 71.1798	<a href="#">29161 - FERMI</a>	33.2810 s	$(2.0970 \pm 0.55637) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 201227A</b>	2020-12-27 15:14:06.777	KW, IPN, FERMI	170.121, -73.613	<a href="#">29196 - KW</a> <a href="#">29182 - IPN</a> <a href="#">29206 - FERMI</a>	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
<b>GRB 210102C</b>	2021-01-02 20:38:02.178	FERMI	235.7470, -37.2310	<a href="#">29228 - FERMI</a>	83.970 s	$(5.98500.049891) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 210411B</b>	2021-04-11 13:32:30.778	FERMI	115.6800, -74.8400	<a href="#">29801 - FERMI</a>	47.8730 s	$(3.7490 \pm 0.056176) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 210424B</b>	2021-04-24 08:01:55.095	FERMI, KW, IPN	284.716, 16.172	<a href="#">29911 - KW</a> <a href="#">29909 - IPN</a> <a href="#">ICECUBE - FERMI</a>	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
<b>GRB 210619B</b>	2021-06-19 23:59:24.928	KW, FERMI, IPN	319.7125, 33.8667	<a href="#">30276 - KW</a> <a href="#">ICECUBE - IPN</a> <a href="#">ICECUBE - FERMI</a>	10 s (peak)	$4.60(\pm 0.13) \times 10^{-4}$	$1.54(\pm 0.12) \times 10^{-4}$ (64 ms)	B (peak)	-0.41(-0.11,+0.12)	-2.06(-0.12,+0.09)	572(-81,+98)	76/60
<b>GRB 210701A</b>	2021-07-01 20:01:00.794	FERMI	313.6200, -15.4000	<a href="#">ICECUBE - FERMI</a>	68.8640 s	$(1.1218 \pm 0.049404) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 210702A</b>	2021-07-02 19:07:09.761	KW, FERMI, IPN	168.5785, -36.7469	<a href="#">30366 - KW</a> <a href="#">ICECUBE - FERMI</a>	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
<b>GRB 210724A</b>	2021-07-24 20:14:03.128	FERMI, SWIFT	227.4146, -6.2907	<a href="#">ICECUBE - FERMI</a>	50.570 s	$1.8000 \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 210903C</b>	2021-09-03 17:26:58.828	FERMI	155.0300, 22.0300	<a href="#">30758 - FERMI</a>	18.1760 s	$2.2292 \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 211118A</b>	2021-11-18 23:38:04.578	FERMI, IPN	26.464, 73.778	<a href="#">31138 - IPN</a> <a href="#">31125 - FERMI</a>	7.1680 s	$(2.7657 \pm 0.058371) \times 10^{-6}$	-	-	-	-	-	-
<b>GRB 211118A</b>	2021-12-11 13:10:01.244	FERMI, IPN, SWIFT	212.2708, 27.8833	<a href="#">31210 - FERMI</a> <a href="#">31202 - SWIFT</a>	34.3 s	$(5.4 \pm 0.01) \times 10^{-4}$	$324.9 \pm 1.5 [\text{ph/s/cm}^2]$	B	-1.3 ± 0.00	-2.4 ± 0.02	646.8 ± 7.8	-