

Supplementary tables and figures

Table 1: Stellar parameters of superflare stars.

KPID	T_{eff} (K) ^a	$\log g$ ^a	$R_{\text{star}}/R_{\odot}$ ^a	Kp mag ^b	P_{rot} (day) ^c	N_{flare} ^d
4543412	5472	4.44	0.88	11.17	2.16	13
4554830	5466	4.17	1.35	10.34	7.73	1
4742436	5919	4.12	1.29	10.60	2.34	1
4831454	5484	4.59	0.74	10.69	5.19	8
6032920	5864	4.58	0.79	13.49	3.16	6
6291837	6210	4.40	1.10	12.35	14.3	1
6777146	6116	4.17	1.29	11.28	7.21	1
7093428	6181	4.22	1.31	11.04	0.51	19
8508009	6256	4.12	1.49	11.46	2.95	1
8656342	6074	4.07	1.59	10.90	17.5	2
9139151	6125	4.38	1.16	9.18	6.15	2
9652680	5825	4.55	0.83	11.21	1.47	7
9655134	5397	4.55	0.73	13.63	15.5	1
10338279	5615	4.48	0.84	12.05	6.53	4
10528093	5334	4.54	0.75	13.56	12.2	2
10532461	5689	4.24	1.15	8.85	7.14	1
10646889	5674	4.44	0.90	13.60	4.70	8
10745663	6014	4.49	0.96	14.34	3.13	7
11128041	5911	4.47	0.89	10.79	7.36	2
11253827	5579	4.32	1.06	11.92	13.4	2
11551430	5648	4.02	1.60	10.69	4.26	89
11610797	6140	4.46	1.05	11.54	1.62	8
11652870	5516	4.37	0.98	9.05	8.54	1

^a The effective temperature (T_{eff}), surface gravity ($\log g$) and radius of each star ($R_{\text{star}}/R_{\odot}$) are taken from Huber et al. (2014).

^b The Kepler magnitude of each star are taken from Brown et al. (2011).

^c The period of each star are estimated from the long-cadence data between Q2 and Q16 by using the discrete Fourier transform (DFT) method.

^d The number of detected flares from short-cadence data.

Table 2: List of superflares

KPID	Date ^a	ΔF_{BV} (%) ^b	ΔF_{flare} (%) ^c	E_{flare} (erg) ^d	τ_{flare} (min) ^e
4543412	55156.7944	6.40	1.53	1.7×10^{34}	18.6
4543412	55160.3088	6.40	0.44	1.3×10^{33}	2.0
4543412	55163.9758	6.40	2.17	3.3×10^{34}	8.8
4543412	55166.0681	6.40	0.32	3.7×10^{33}	9.8
4543412	55168.6604	6.40	0.42	2.0×10^{33}	10.8
4543412	55168.9757	6.40	0.24	1.4×10^{33}	5.9
4543412	55170.0225	6.40	1.18	5.8×10^{33}	8.8
4543412	55170.7860	6.40	0.36	2.7×10^{33}	13.7
4543412	55175.1124	6.40	0.39	3.6×10^{33}	12.8
4543412	55175.2009	6.40	0.27	3.3×10^{33}	32.4
4543412	55177.3246	6.40	0.21	1.9×10^{33}	21.6
4543412	55178.9871	6.40	0.22	8.8×10^{32}	6.9
4543412	55181.5229	6.40	2.29	2.4×10^{34}	15.7
4554830	55173.1163	0.03	0.42	3.4×10^{33}	2.9
4742436	55218.9267	0.53	0.15	2.0×10^{33}	7.8
4831454	55187.0250	0.92	0.95	4.5×10^{33}	9.8
4831454	56112.9533	0.56	0.66	1.9×10^{33}	4.9
4831454	56143.0234	0.56	0.25	1.0×10^{33}	9.8
4831454	56152.1954	0.56	0.13	3.1×10^{32}	4.9
4831454	56156.3857	0.56	0.30	1.0×10^{33}	4.9
4831454	56176.0161	0.56	1.01	2.9×10^{33}	3.9
4831454	56189.1799	0.56	0.40	1.0×10^{33}	4.9
4831454	56190.0136	0.56	0.18	2.6×10^{32}	2.9
6032920	56134.7408	0.34	1.19	8.0×10^{33}	6.9
6032920	56140.6686	0.34	1.24	5.4×10^{33}	4.9
6032920	56168.3752	0.34	3.74	3.0×10^{34}	7.8
6032920	56189.8731	0.34	0.78	2.9×10^{33}	6.9
6032920	56199.6340	0.34	0.54	3.4×10^{33}	8.8
6032920	56202.5313	0.34	0.54	3.6×10^{33}	9.8
6291837	56409.4543	0.07	0.77	7.6×10^{33}	3.9
6777146	56374.9635	0.09	0.26	5.0×10^{33}	6.9
7093428	55095.7876	0.16	0.18	1.9×10^{33}	5.9
7093428	55096.5844	0.16	0.64	5.2×10^{33}	2.0
7093428	55099.3681	0.16	0.15	1.5×10^{33}	4.9
7093428	55101.0279	0.16	0.22	1.9×10^{33}	3.9
7093428	55102.0032	0.16	0.17	3.1×10^{33}	6.9
7093428	55102.4534	0.16	1.56	4.0×10^{34}	4.9
7093428	55102.9486	0.16	1.31	2.2×10^{34}	4.9
7093428	55104.0901	0.16	0.65	1.1×10^{34}	7.8
7093428	55105.9781	0.16	0.31	3.6×10^{34}	29.4

^a Flare peak time (Barycentric Julian Date - 2,400,000).

^b Normalized amplitude of long-term brightness variation during the quarter at which the flare occurred (Here we define the amplitude as the brightness range normalized by the average stellar brightness, in which the lower 99% of the distribution of the brightness difference from average are included).

^c Normalized amplitude of flare.

^d Bolometric energy of flare.

^e Duration of flare (here we defined the flare duration as the e -folding time decay time).

Table 3: List of superflares (cont.)

KPID	Date ^a	ΔF_{BV} (%) ^b	ΔF_{flare} (%) ^c	E_{flare} (erg) ^d	τ_{flare} (min) ^e
7093428	55106.5992	0.16	1.47	1.4×10^{34}	2.9
7093428	55107.1584	0.16	0.41	3.0×10^{33}	2.9
7093428	55107.7939	0.16	0.75	3.4×10^{34}	7.8
7093428	55110.7989	0.16	0.66	3.0×10^{34}	5.9
7093428	55111.7939	0.16	1.20	1.5×10^{34}	4.9
7093428	55112.1903	0.16	0.77	1.0×10^{34}	3.9
7093428	55113.4388	0.16	0.33	4.1×10^{33}	5.9
7093428	55117.6929	0.16	0.21	2.0×10^{33}	3.9
7093428	55121.7958	0.16	0.36	9.5×10^{33}	11.8
7093428	55121.8611	0.16	0.21	2.5×10^{33}	3.9
8508009	55261.9950	0.31	0.31	6.7×10^{33}	4.9
8656342	55112.2543	0.03	0.24	5.2×10^{33}	4.9
8656342	55112.5479	0.03	1.14	3.2×10^{34}	6.9
9139151	55545.1755	0.06	0.15	9.4×10^{32}	3.9
9139151	55710.2108	0.08	0.18	2.1×10^{33}	2.9
9652680	55067.9683	5.29	0.28	1.4×10^{33}	8.8
9652680	55070.2978	5.29	0.37	2.0×10^{33}	7.8
9652680	55076.4461	5.29	0.84	6.1×10^{33}	6.9
9652680	55080.3734	5.29	0.21	1.6×10^{33}	8.8
9652680	55082.5707	5.29	0.67	6.2×10^{33}	9.8
9652680	55084.0037	5.29	0.44	2.4×10^{33}	5.9
9652680	55087.1313	5.29	0.24	2.1×10^{33}	14.7
9655134	55067.0952	1.20	0.68	1.4×10^{33}	2.9
10338279	55043.0379	1.04	0.77	3.2×10^{33}	4.9
10338279	55158.1001	1.50	0.27	6.6×10^{32}	4.9
10338279	55208.6759	1.64	0.51	4.6×10^{33}	9.8
10338279	55221.7771	1.64	0.44	1.4×10^{33}	4.9
10528093	56214.5252	1.78	1.32	2.6×10^{34}	56.9
10528093	56259.3584	1.78	1.29	3.5×10^{34}	61.8
10532461	55458.9599	1.46	0.13	1.2×10^{33}	7.8
10646889	55745.8123	0.91	2.23	4.4×10^{34}	24.5
10646889	55748.2541	0.91	4.84	3.6×10^{34}	8.8
10646889	55759.6031	0.91	5.13	5.3×10^{34}	12.8
10646889	55799.7551	0.91	1.05	2.5×10^{34}	23.5
10646889	55816.7841	0.91	0.98	7.9×10^{33}	3.9
10646889	55827.1928	0.91	2.76	1.5×10^{34}	6.9
10646889	55835.9606	0.94	2.19	3.6×10^{34}	19.6
10646889	55906.9453	0.94	2.82	5.2×10^{34}	19.6
10745663	55973.6715	2.44	1.57	6.9×10^{34}	37.3
10745663	55991.3506	2.44	1.55	2.2×10^{34}	12.8

^a Flare peak time (Barycentric Julian Date - 2,400,000).

^b Normalized amplitude of long-term brightness variation during the quarter at which the flare occurred (Here we define the amplitude as the brightness range normalized by the average stellar brightness, in which the lower 99% of the distribution of the brightness difference from average are included).

^c Normalized amplitude of flare.

^d Bolometric energy of flare.

^e Duration of flare (here we defined the flare duration as the e -folding time decay time).

Table 4: List of superflares (cont.)

KPID	Date ^a	ΔF_{BV} (%) ^b	ΔF_{flare} (%) ^c	E_{flare} (erg) ^d	τ_{flare} (min) ^e
10745663	56064.2417	3.44	1.31	1.4×10^{34}	5.9
10745663	56073.9596	3.44	2.66	9.3×10^{34}	11.8
10745663	56074.5038	3.44	1.40	1.8×10^{34}	12.8
10745663	56085.9730	3.44	2.28	7.3×10^{34}	29.4
10745663	56102.5997	3.44	2.22	4.6×10^{34}	16.7
11128041	54996.2061	0.83	0.23	1.2×10^{33}	4.9
11128041	55004.9682	0.53	0.17	6.9×10^{32}	3.9
11253827	55941.2086	1.62	0.86	3.6×10^{33}	2.9
11253827	56365.2712	1.96	0.51	2.0×10^{33}	4.9
11551430	55005.4769	2.20	0.20	4.1×10^{33}	9.8
11551430	55011.6616	2.20	0.46	4.1×10^{34}	28.4
11551430	55013.0170	2.20	1.39	1.6×10^{35}	47.1
11551430	55019.6737	2.20	2.01	2.2×10^{35}	25.5
11551430	55021.5100	2.20	1.54	1.1×10^{35}	15.7
11551430	55022.6857	2.20	0.27	1.1×10^{34}	7.8
11551430	55024.1249	2.20	1.20	1.8×10^{35}	63.8
11551430	55024.5220	2.20	0.59	3.2×10^{34}	17.7
11551430	55027.5455	2.20	0.56	2.9×10^{34}	15.7
11551430	55028.8601	2.20	0.30	1.8×10^{34}	22.6
11551430	55029.5392	2.20	0.53	3.0×10^{34}	15.7
11551430	55029.8620	2.20	0.48	3.4×10^{34}	27.5
11551430	55031.0499	2.20	3.32	5.3×10^{35}	54.9
11551430	55031.9633	2.20	1.36	1.8×10^{35}	26.5
11551430	56112.8661	2.68	0.58	3.7×10^{34}	18.6
11551430	56113.4158	2.68	0.34	8.8×10^{33}	5.9
11551430	56131.7989	2.68	0.50	2.4×10^{34}	3.9
11551430	56132.1469	2.68	0.42	6.3×10^{34}	18.6
11551430	56134.7454	2.68	1.83	3.7×10^{35}	56.9
11551430	56143.9815	2.68	0.99	1.2×10^{35}	36.3
11551430	56151.1285	2.68	0.46	2.9×10^{34}	21.6
11551430	56151.2689	2.68	0.49	3.9×10^{34}	28.4
11551430	56154.7317	2.68	0.20	1.7×10^{34}	29.4
11551430	56155.4394	2.68	0.37	1.9×10^{34}	11.8
11551430	56156.0687	2.68	0.39	8.3×10^{34}	120.6
11551430	56156.8316	2.68	0.57	2.3×10^{34}	11.8
11551430	56157.2423	2.68	0.21	5.0×10^{33}	10.8
11551430	56159.7584	2.68	0.19	4.6×10^{33}	8.8
11551430	56163.5638	2.68	0.21	3.0×10^{34}	75.5
11551430	56166.6295	2.68	1.06	6.2×10^{34}	14.7
11551430	56171.9381	2.68	0.19	6.1×10^{33}	8.8

^a Flare peak time (Barycentric Julian Date - 2,400,000).

^b Normalized amplitude of long-term brightness variation during the quarter at which the flare occurred (Here we define the amplitude as the brightness range normalized by the average stellar brightness, in which the lower 99% of the distribution of the brightness difference from average are included).

^c Normalized amplitude of flare.

^d Bolometric energy of flare.

^e Duration of flare (here we defined the flare duration as the e -folding time decay time).

Table 5: List of superflares (cont.)

KPID	Date ^a	ΔF_{BV} (%) ^b	ΔF_{flare} (%) ^c	E_{flare} (erg) ^d	τ_{flare} (min) ^e
11551430	56172.3052	2.68	0.45	4.1×10^{34}	32.4
11551430	56180.6911	2.68	1.37	2.4×10^{35}	61.8
11551430	56183.0450	2.68	0.19	5.3×10^{33}	9.8
11551430	56185.0925	2.68	0.56	7.3×10^{34}	24.5
11551430	56187.2741	2.68	0.51	4.1×10^{34}	27.5
11551430	56190.9480	2.68	0.41	2.9×10^{34}	16.7
11551430	56191.2742	2.68	0.27	4.0×10^{34}	32.4
11551430	56192.2591	2.68	0.13	2.5×10^{33}	7.8
11551430	56193.6118	2.68	0.80	5.2×10^{34}	14.7
11551430	56196.4452	2.68	0.45	2.8×10^{34}	21.6
11551430	56200.9521	2.68	0.34	3.2×10^{34}	20.6
11551430	56207.9626	2.06	0.60	2.9×10^{34}	15.7
11551430	56208.3516	2.06	5.27	6.8×10^{35}	46.1
11551430	56211.4383	2.06	0.15	7.3×10^{33}	18.6
11551430	56216.1468	2.06	1.28	1.6×10^{35}	36.3
11551430	56217.4218	2.06	2.23	2.2×10^{35}	31.4
11551430	56218.3726	2.06	1.77	1.5×10^{35}	25.5
11551430	56224.3677	2.06	0.95	1.5×10^{35}	31.4
11551430	56227.8263	2.06	0.48	7.5×10^{34}	53.9
11551430	56231.3830	2.06	0.24	4.1×10^{34}	20.6
11551430	56233.6477	2.06	0.21	2.2×10^{34}	34.3
11551430	56235.5370	2.06	2.10	2.4×10^{35}	27.5
11551430	56242.0013	2.06	0.22	1.4×10^{34}	17.7
11551430	56242.2567	2.06	0.22	1.3×10^{34}	24.5
11551430	56243.0856	2.06	0.47	4.8×10^{34}	18.6
11551430	56243.9942	2.06	0.43	4.4×10^{34}	27.5
11551430	56253.3818	2.06	1.19	2.1×10^{35}	55.9
11551430	56254.3476	2.06	0.37	1.3×10^{34}	10.8
11551430	56258.1168	2.06	0.86	1.2×10^{35}	58.8
11551430	56261.7579	2.06	0.43	2.0×10^{34}	17.7
11551430	56267.9409	2.06	0.42	2.1×10^{34}	14.7
11551430	56270.7498	2.06	8.52	8.4×10^{35}	38.3
11551430	56275.4269	2.06	0.24	9.4×10^{33}	11.8
11551430	56278.0886	2.06	1.60	2.1×10^{35}	49.0
11551430	56278.4680	2.06	0.29	1.4×10^{34}	14.7
11551430	56279.9357	2.06	0.58	8.0×10^{34}	66.7
11551430	56287.5572	2.06	6.78	7.2×10^{35}	27.5
11551430	56288.8616	2.06	2.24	2.3×10^{35}	39.2
11551430	56291.2549	2.06	1.29	1.4×10^{35}	17.7
11551430	56291.4313	2.06	0.20	1.3×10^{34}	14.7

^a Flare peak time (Barycentric Julian Date - 2,400,000).

^b Normalized amplitude of long-term brightness variation during the quarter at which the flare occurred (Here we define the amplitude as the brightness range normalized by the average stellar brightness, in which the lower 99% of the distribution of the brightness difference from average are included).

^c Normalized amplitude of flare.

^d Bolometric energy of flare.

^e Duration of flare (here we defined the flare duration as the e -folding time decay time).

Table 6: List of superflares (cont.)

KPID	Date ^a	ΔF_{BV} (%) ^b	ΔF_{flare} (%) ^c	E_{flare} (erg) ^d	τ_{flare} (min) ^e
11551430	56292.4469	2.06	0.48	3.9×10^{34}	25.5
11551430	56292.6737	2.06	0.30	4.5×10^{33}	5.9
11551430	56294.3288	2.06	1.15	1.2×10^{35}	35.3
11551430	56295.7986	2.06	0.24	1.8×10^{34}	34.3
11551430	56296.4218	2.06	0.29	2.6×10^{34}	31.4
11551430	56296.8005	2.06	1.42	1.1×10^{35}	31.4
11551430	56297.8507	2.06	0.64	5.0×10^{34}	29.4
11551430	56297.9093	2.06	0.32	10.0×10^{33}	10.8
11551430	56299.8328	2.06	1.11	2.8×10^{35}	72.6
11551430	56302.3903	2.06	0.18	1.0×10^{34}	29.4
11551430	56394.1578	3.22	0.24	8.9×10^{33}	19.6
11551430	56395.1488	3.22	0.84	1.0×10^{35}	36.3
11551430	56397.5723	3.22	0.35	1.5×10^{34}	15.7
11551430	56400.1375	3.22	0.51	2.0×10^{34}	8.8
11551430	56403.4887	3.22	1.27	2.5×10^{35}	65.7
11551430	56412.3762	3.22	0.23	1.1×10^{34}	18.6
11551430	56414.4619	3.22	0.90	3.9×10^{34}	8.8
11551430	56420.2195	3.22	2.32	3.3×10^{35}	11.8
11610797	54978.8885	2.79	0.28	4.0×10^{33}	8.8
11610797	54981.6315	2.79	2.53	1.7×10^{35}	49.0
11610797	54982.2636	2.79	0.36	4.7×10^{33}	6.9
11610797	54987.2665	2.79	1.00	1.7×10^{34}	11.8
11610797	54987.7931	2.79	1.16	7.4×10^{34}	59.8
11610797	54988.1227	2.79	0.62	1.1×10^{34}	7.8
11610797	54994.0051	2.79	1.03	3.4×10^{34}	11.8
11610797	54995.4136	2.79	0.60	2.0×10^{34}	13.7
11652870	54967.5178	2.00	0.27	3.6×10^{33}	10.8

^a Flare peak time (Barycentric Julian Date - 2,400,000).

^b Normalized amplitude of long-term brightness variation during the quarter at which the flare occurred (Here we define the amplitude as the brightness range normalized by the average stellar brightness, in which the lower 99% of the distribution of the brightness difference from average are included).

^c Normalized amplitude of flare.

^d Bolometric energy of flare.

^e Duration of flare (here we defined the flare duration as the e -folding time decay time).

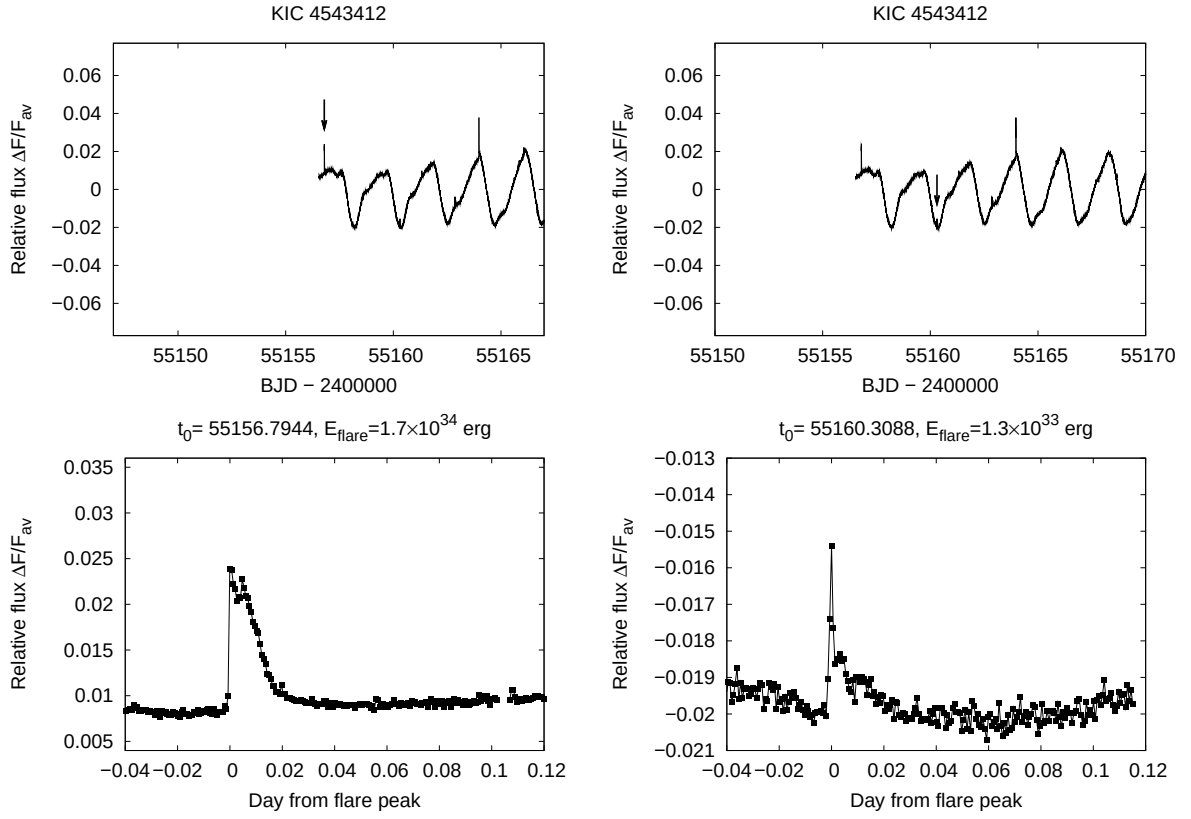


Figure 1: Light curves of each flare (cont.)

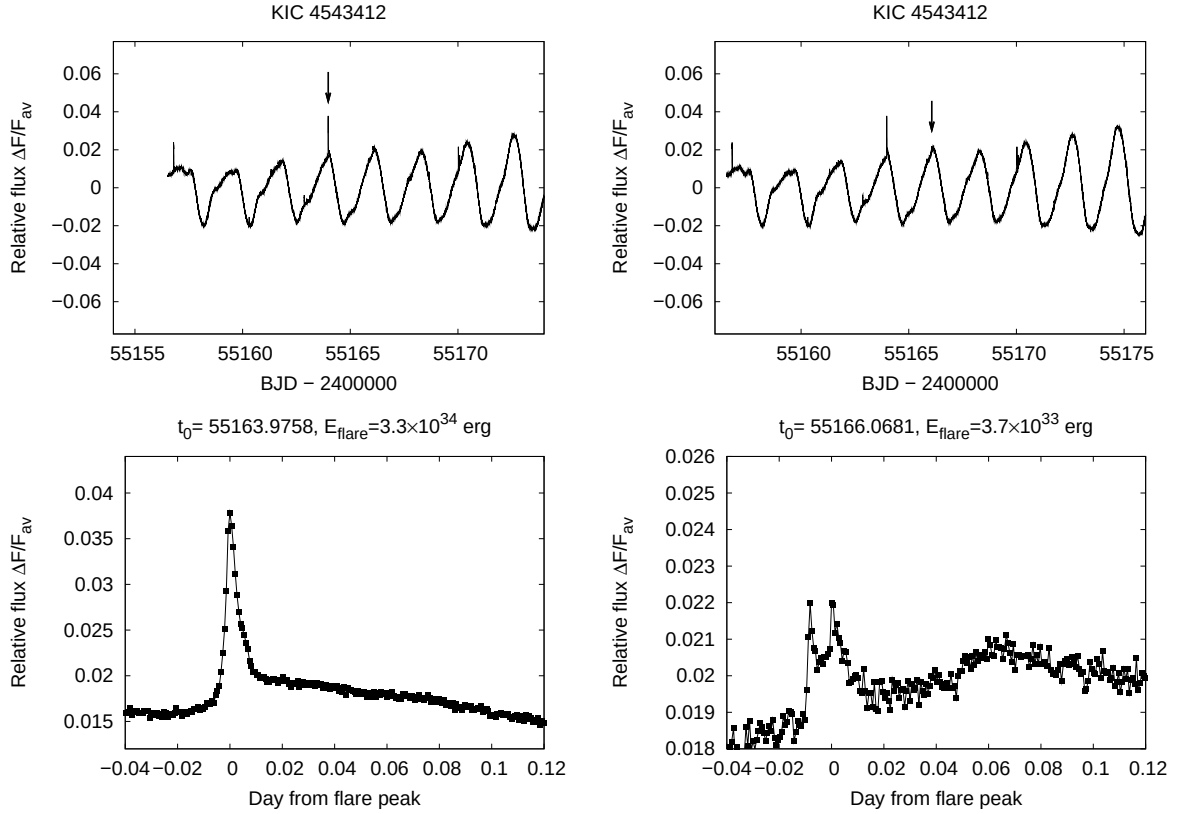


Figure 2: Light curves of each flare (cont.)

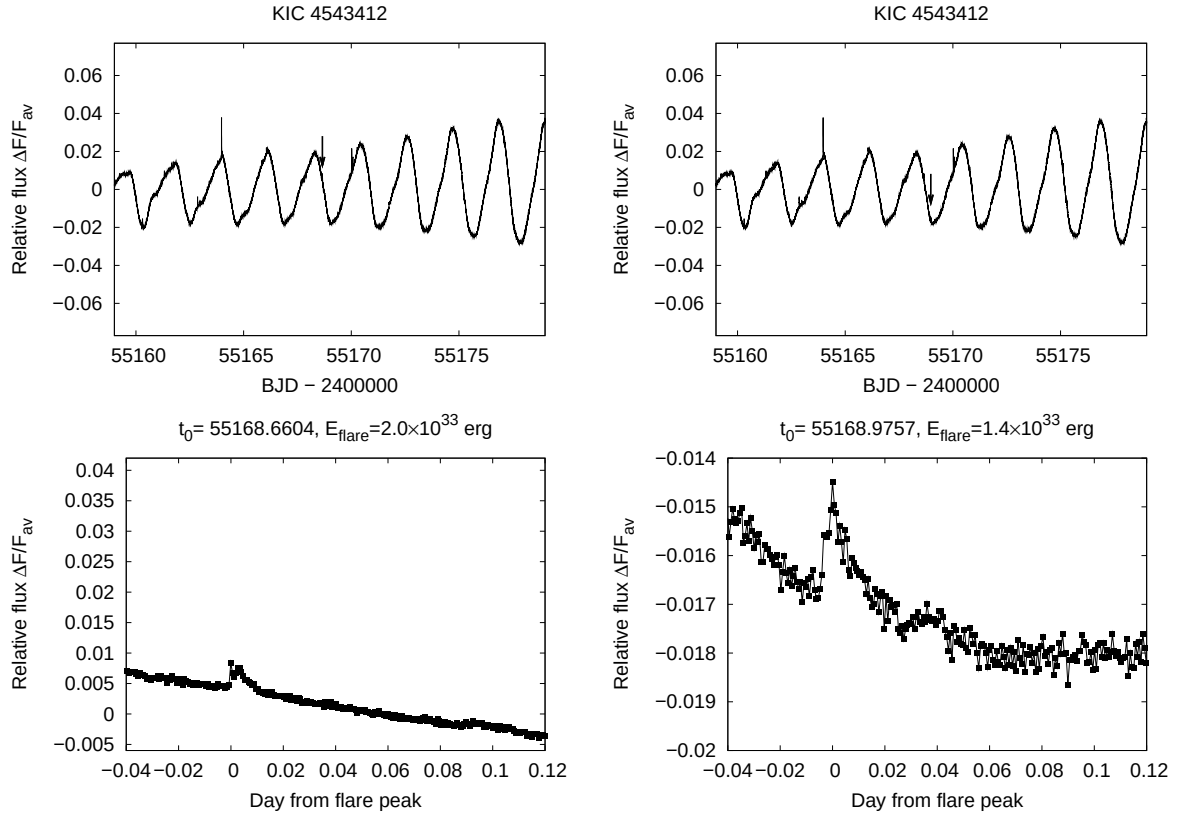


Figure 3: Light curves of each flare (cont.)

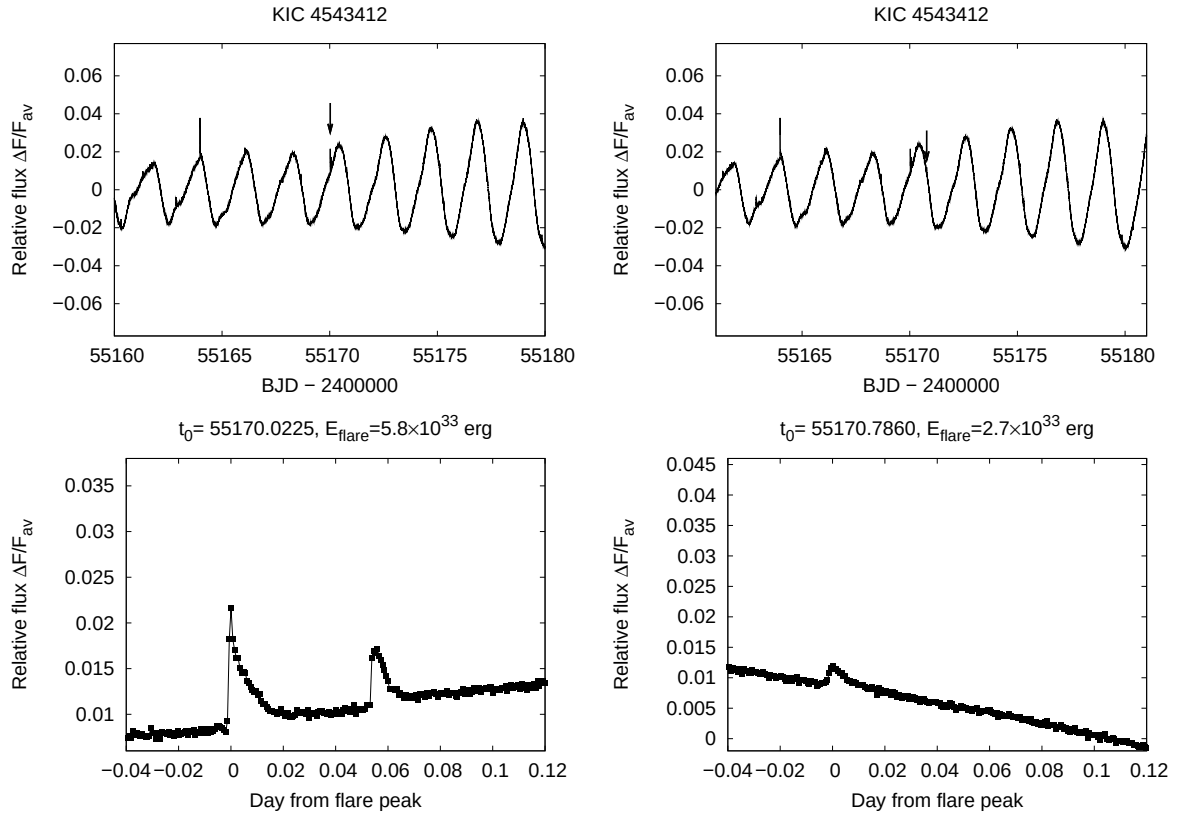


Figure 4: Light curves of each flare (cont.)

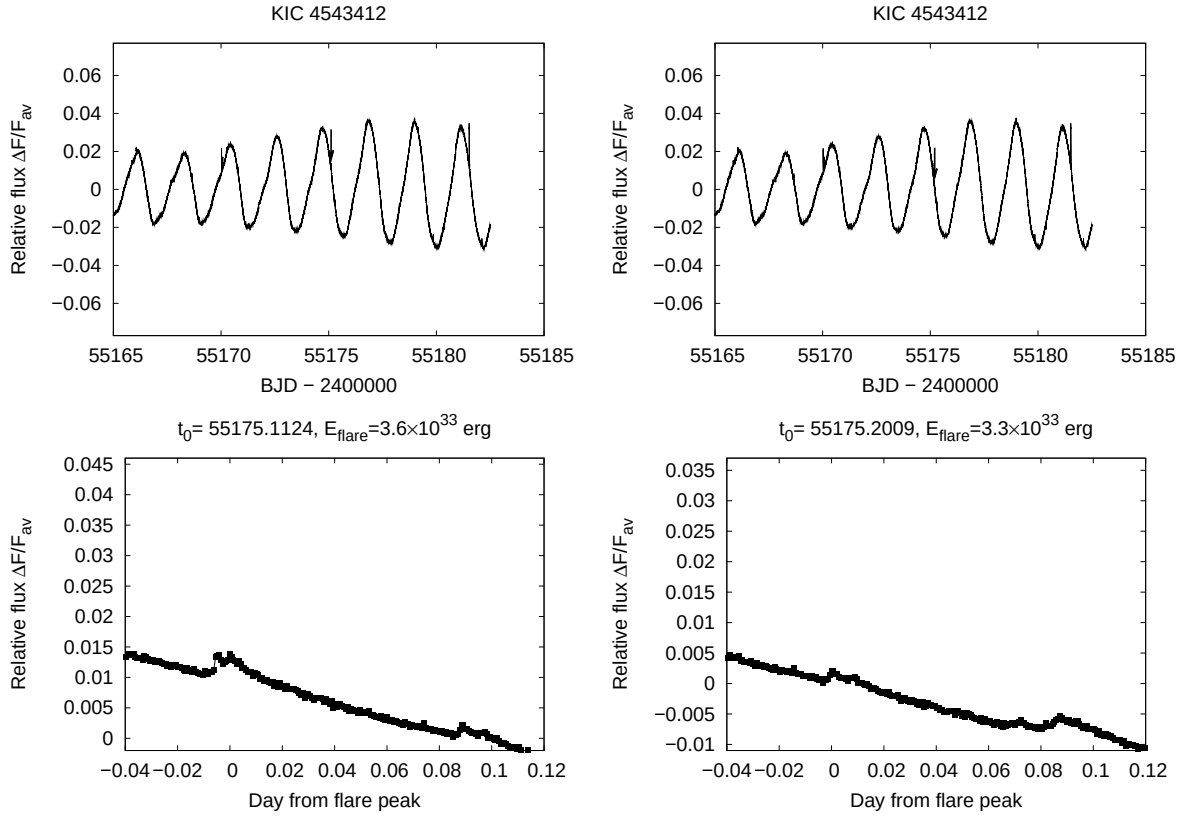


Figure 5: Light curves of each flare (cont.)

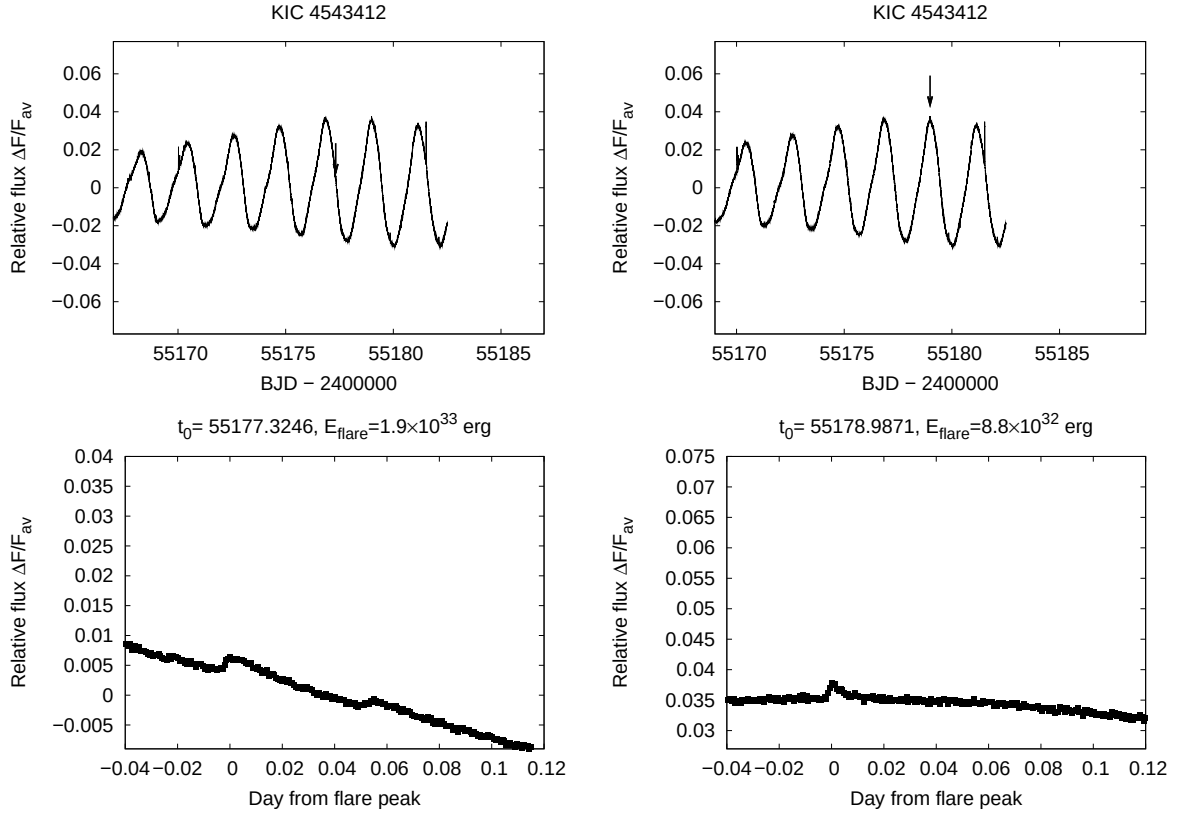


Figure 6: Light curves of each flare (cont.)

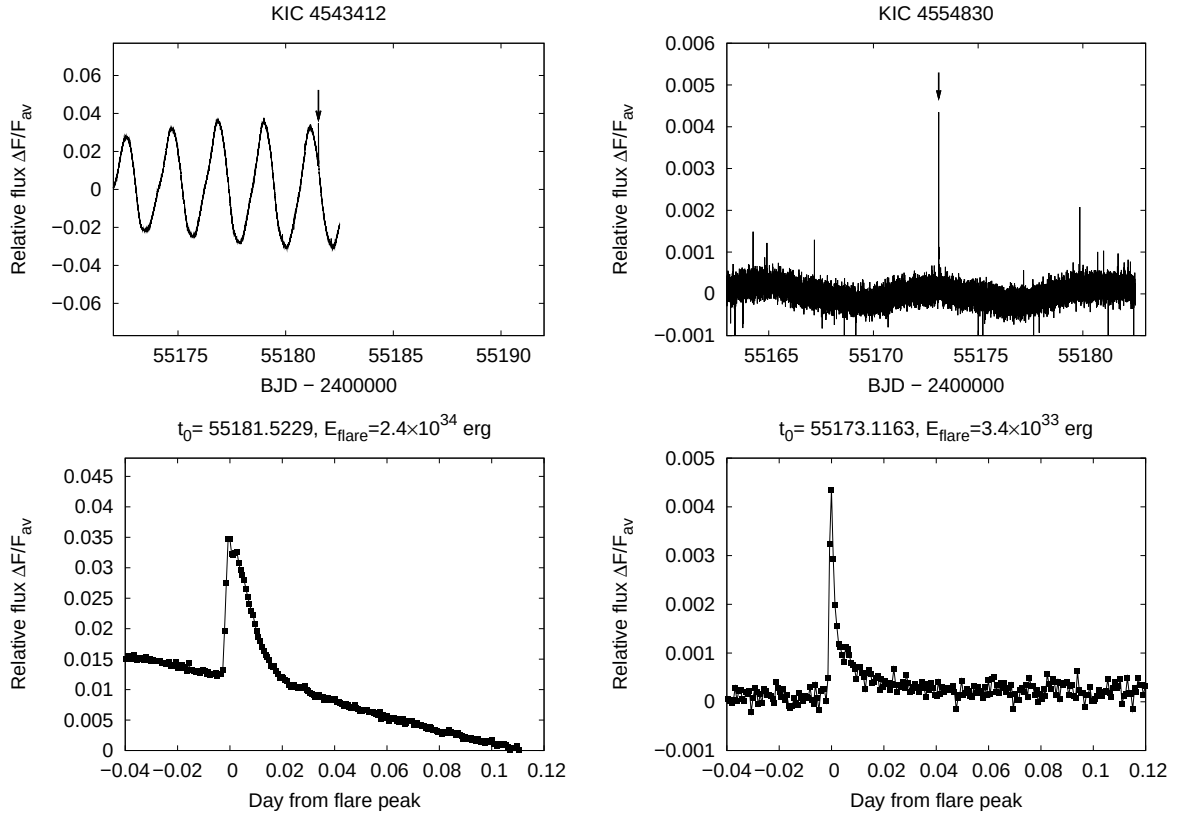


Figure 7: Light curves of each flare (cont.)

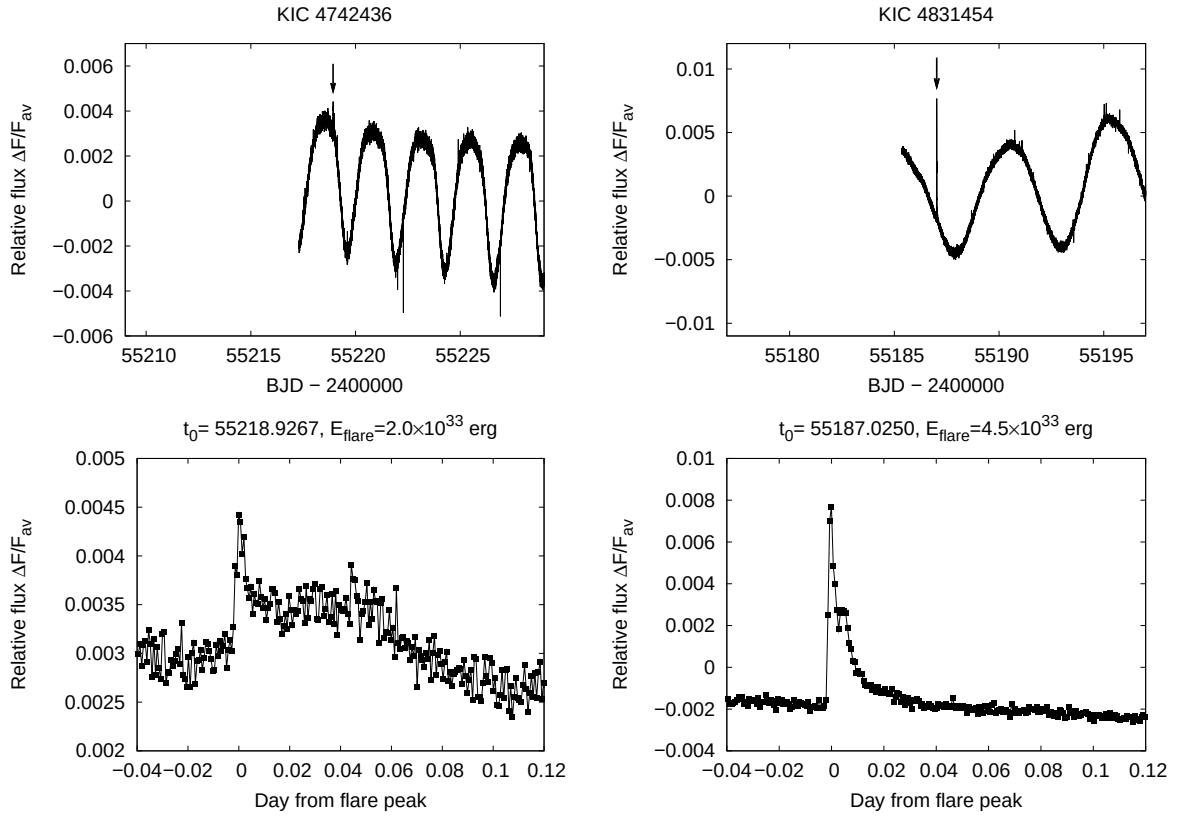


Figure 8: Light curves of each flare (cont.)

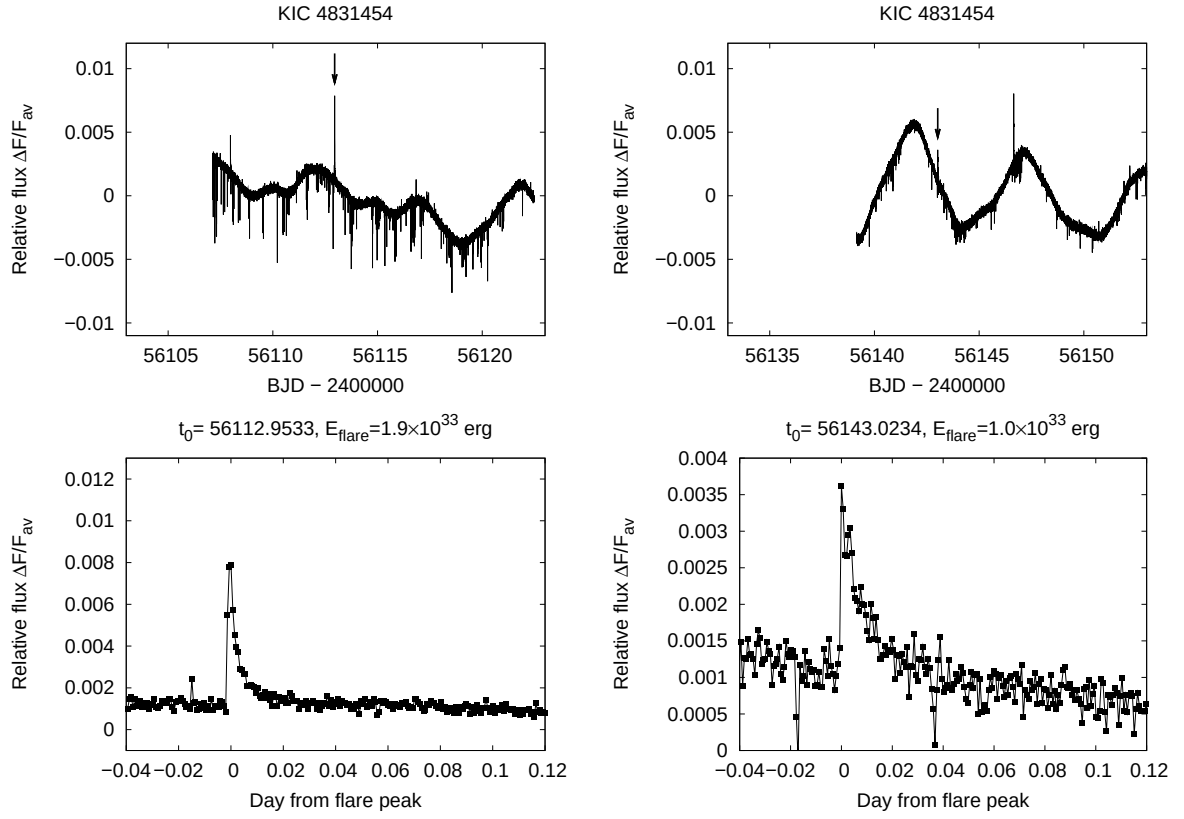


Figure 9: Light curves of each flare (cont.)

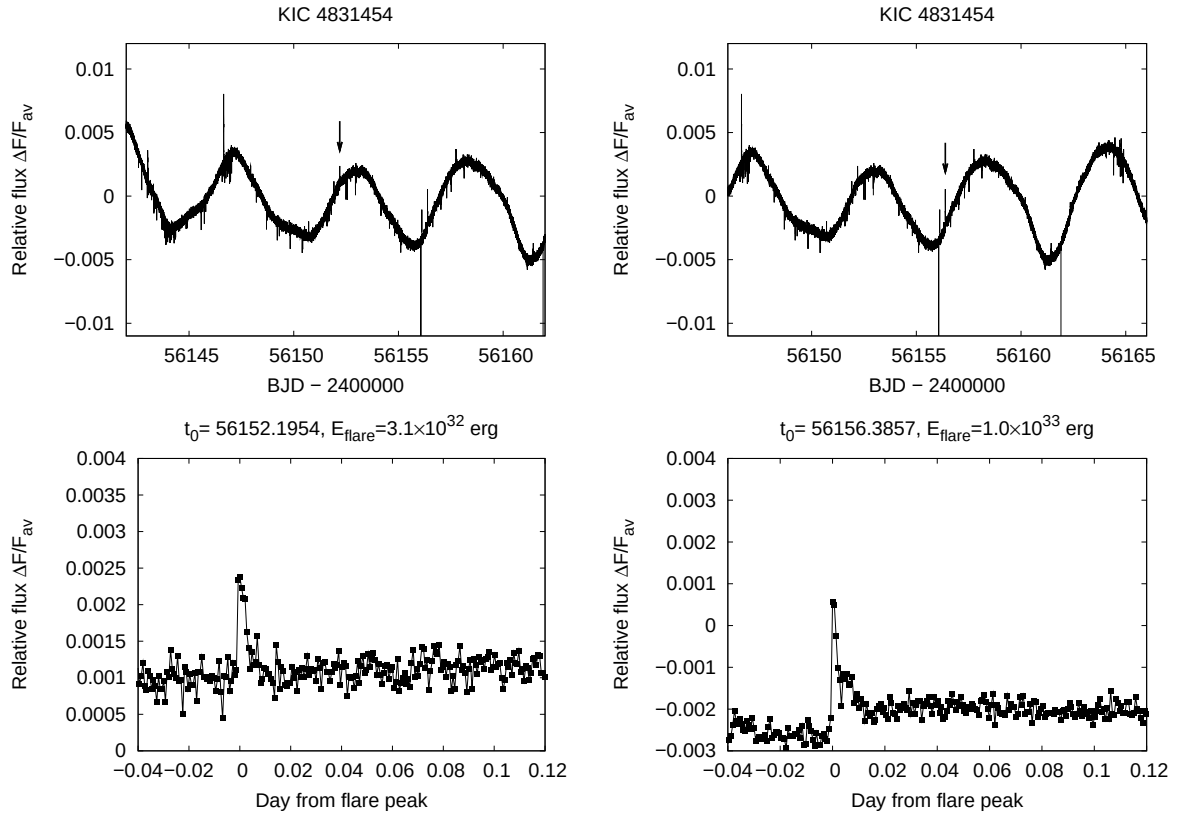


Figure 10: Light curves of each flare (cont.)

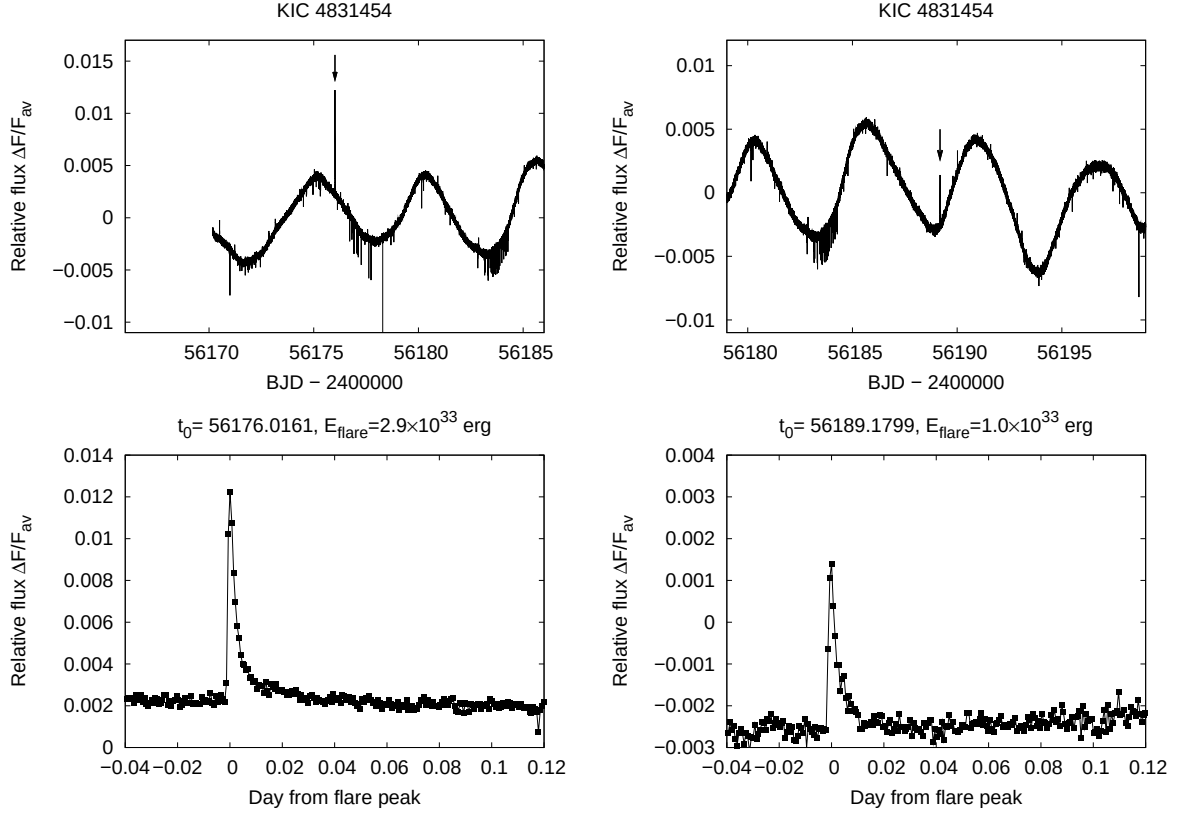


Figure 11: Light curves of each flare (cont.)

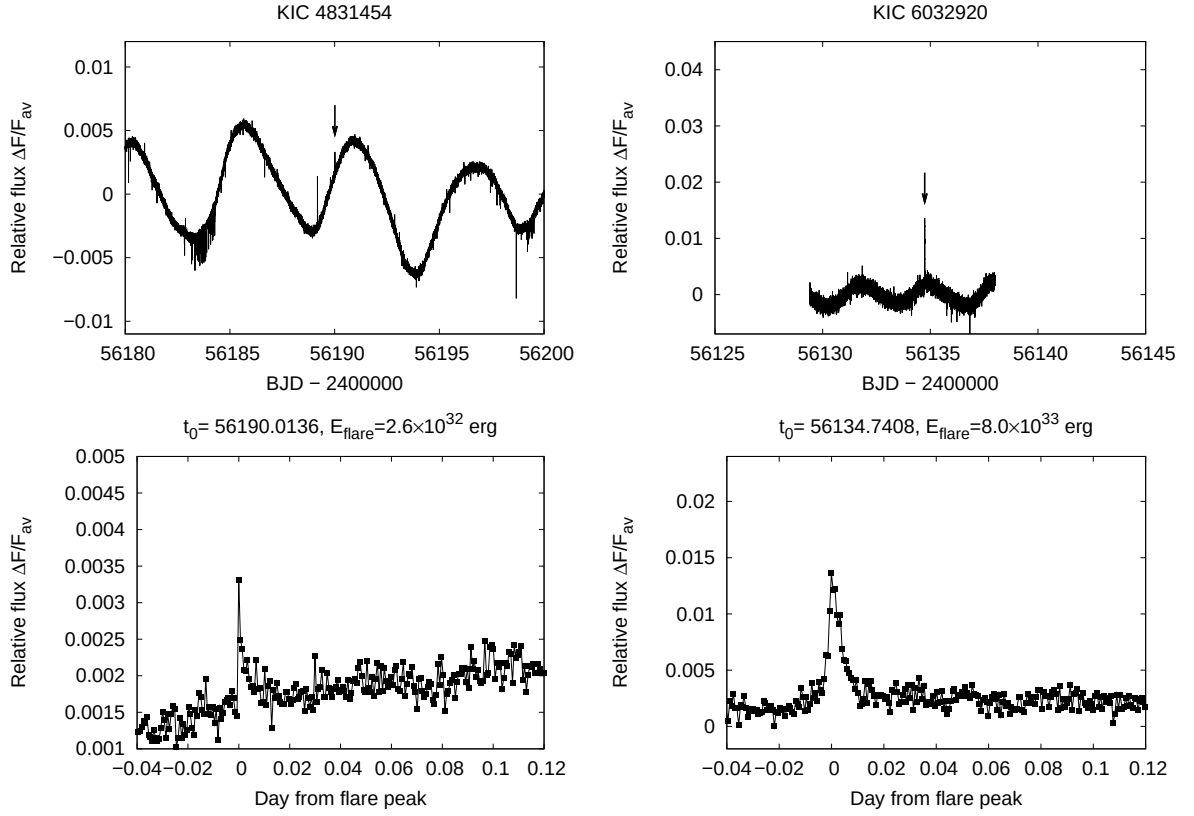


Figure 12: Light curves of each flare (cont.)

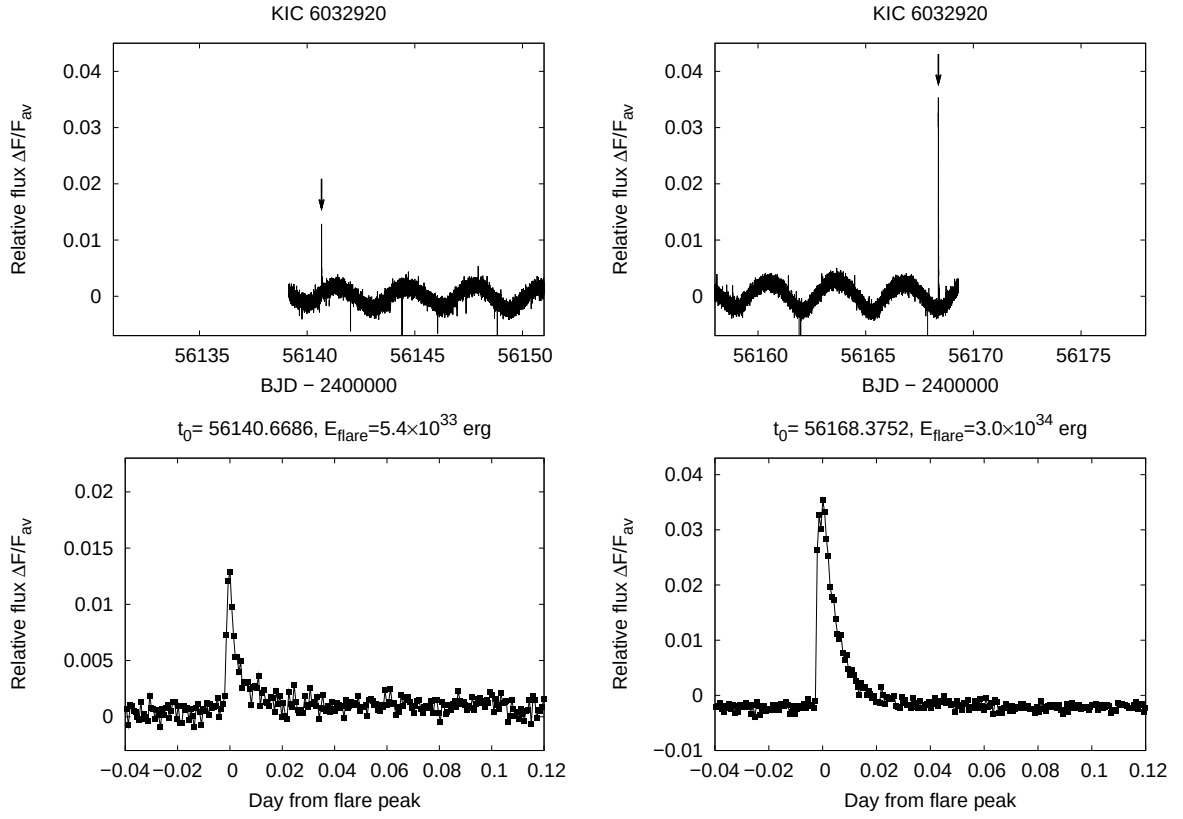


Figure 13: Light curves of each flare (cont.)

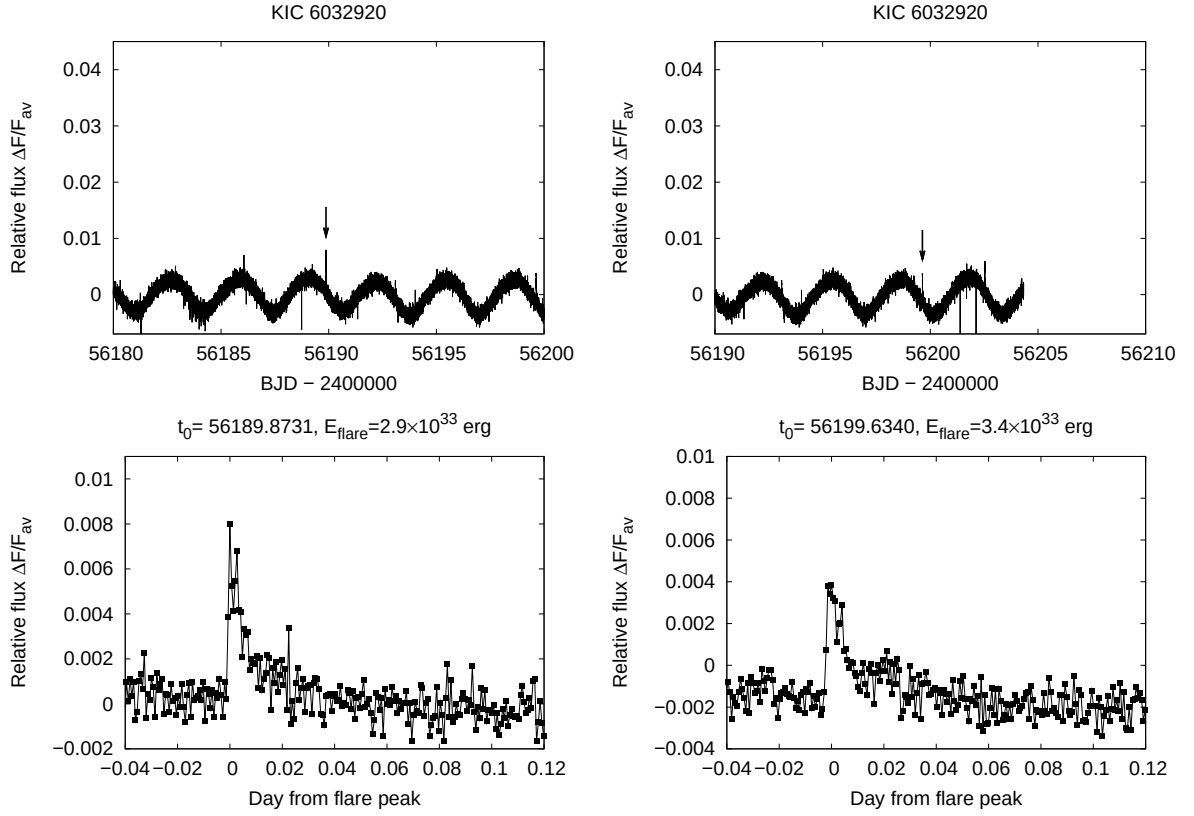


Figure 14: Light curves of each flare (cont.)

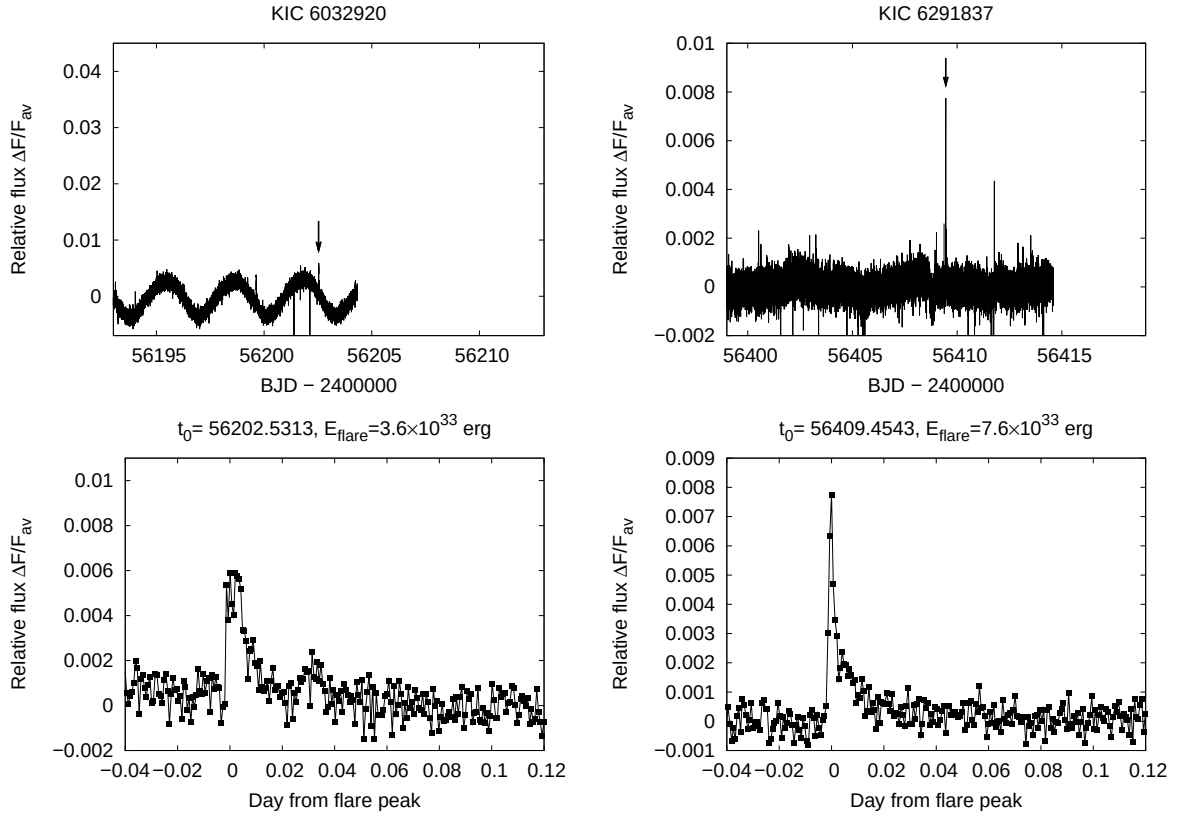


Figure 15: Light curves of each flare (cont.)

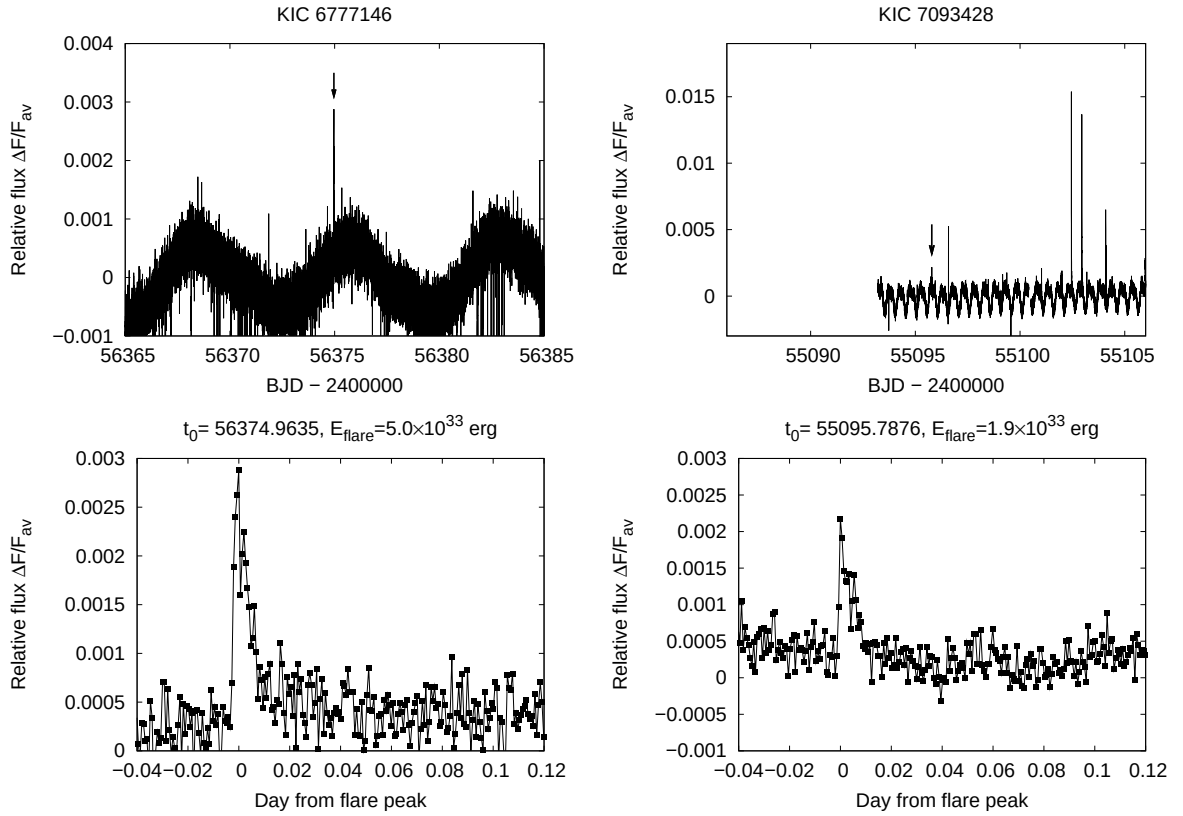


Figure 16: Light curves of each flare (cont.)

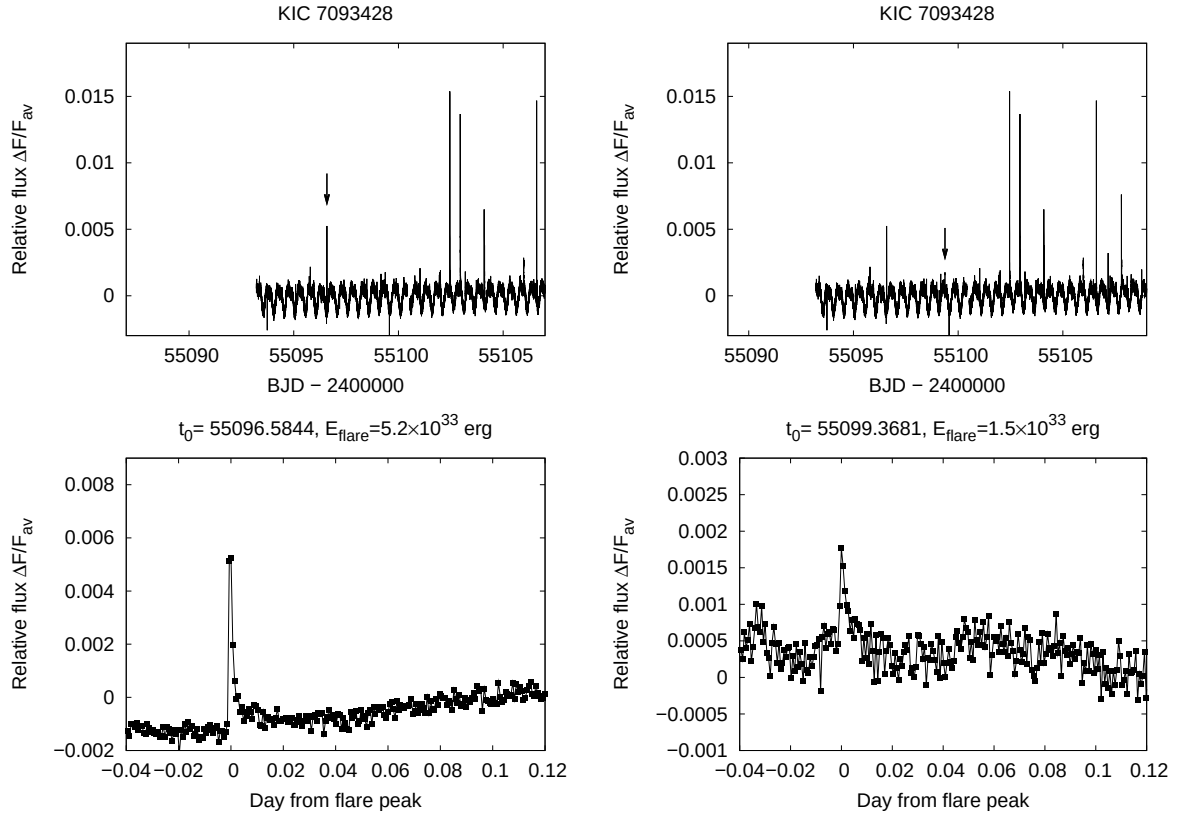


Figure 17: Light curves of each flare (cont.)

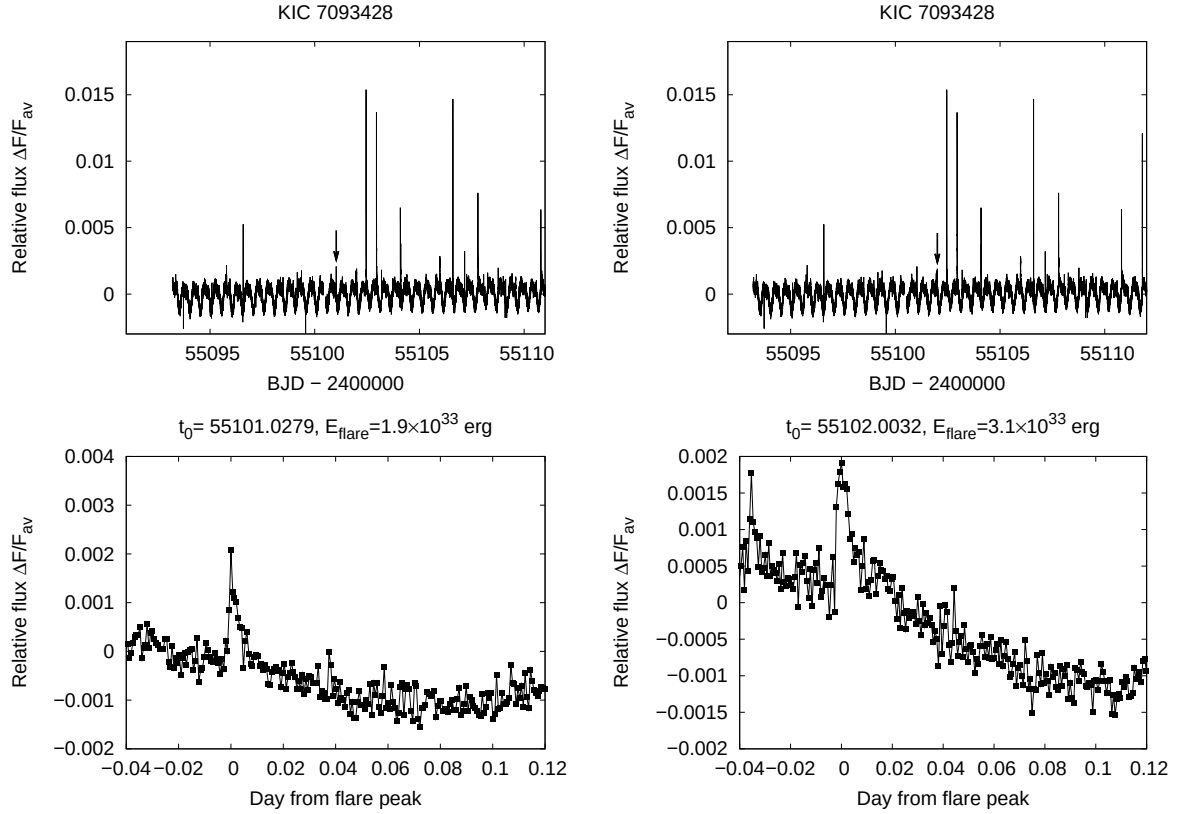


Figure 18: Light curves of each flare (cont.)

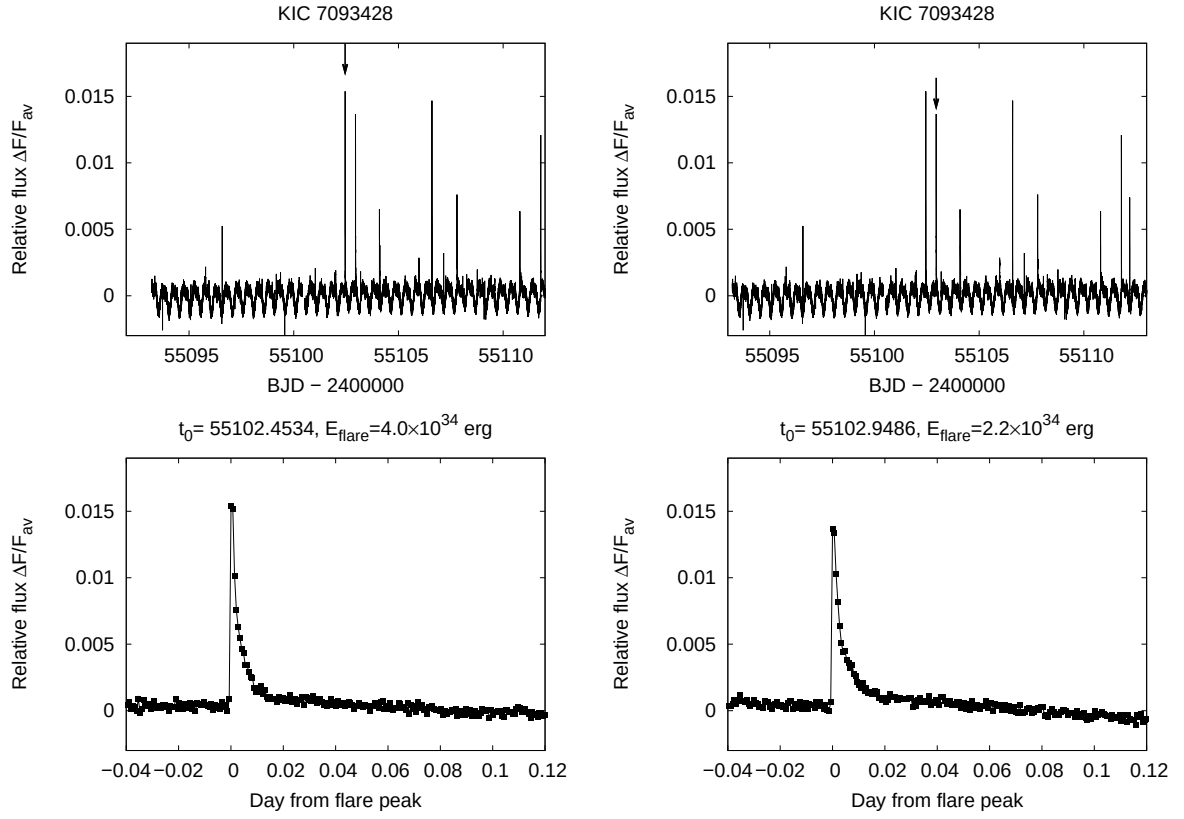


Figure 19: Light curves of each flare (cont.)

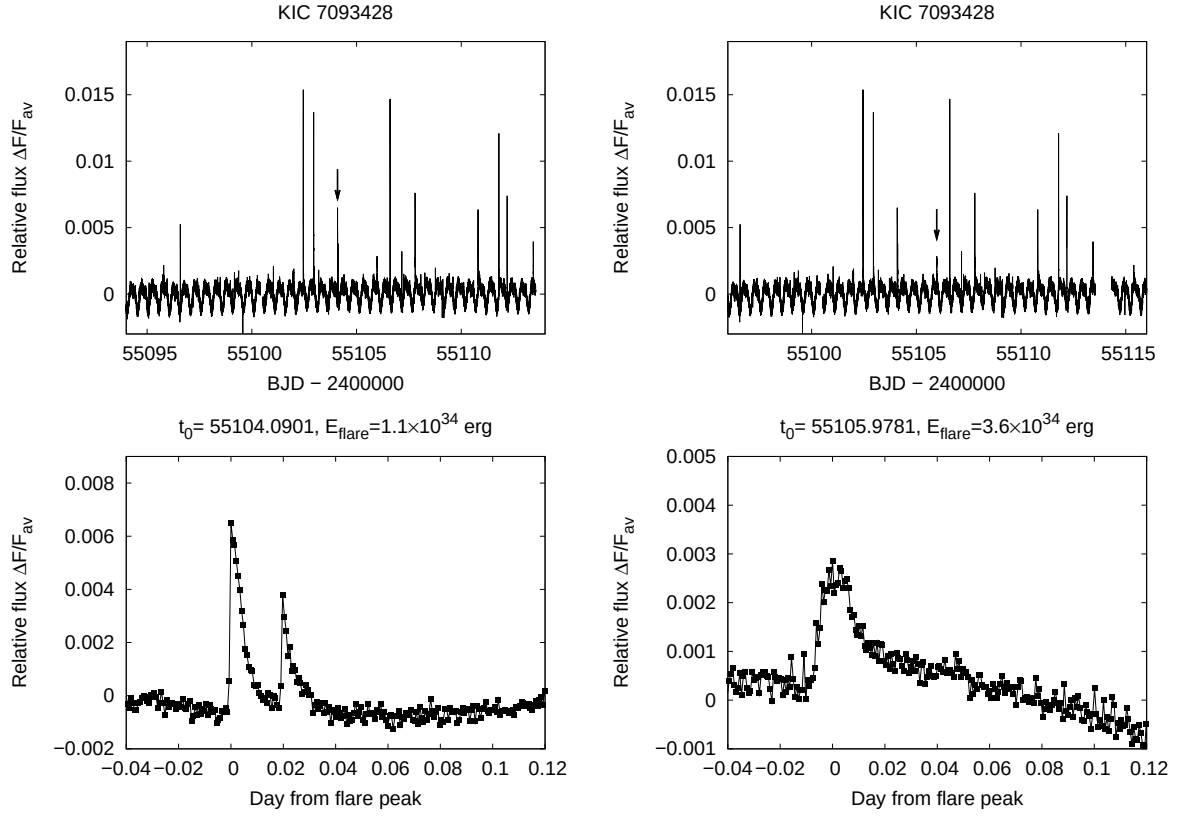


Figure 20: Light curves of each flare (cont.)

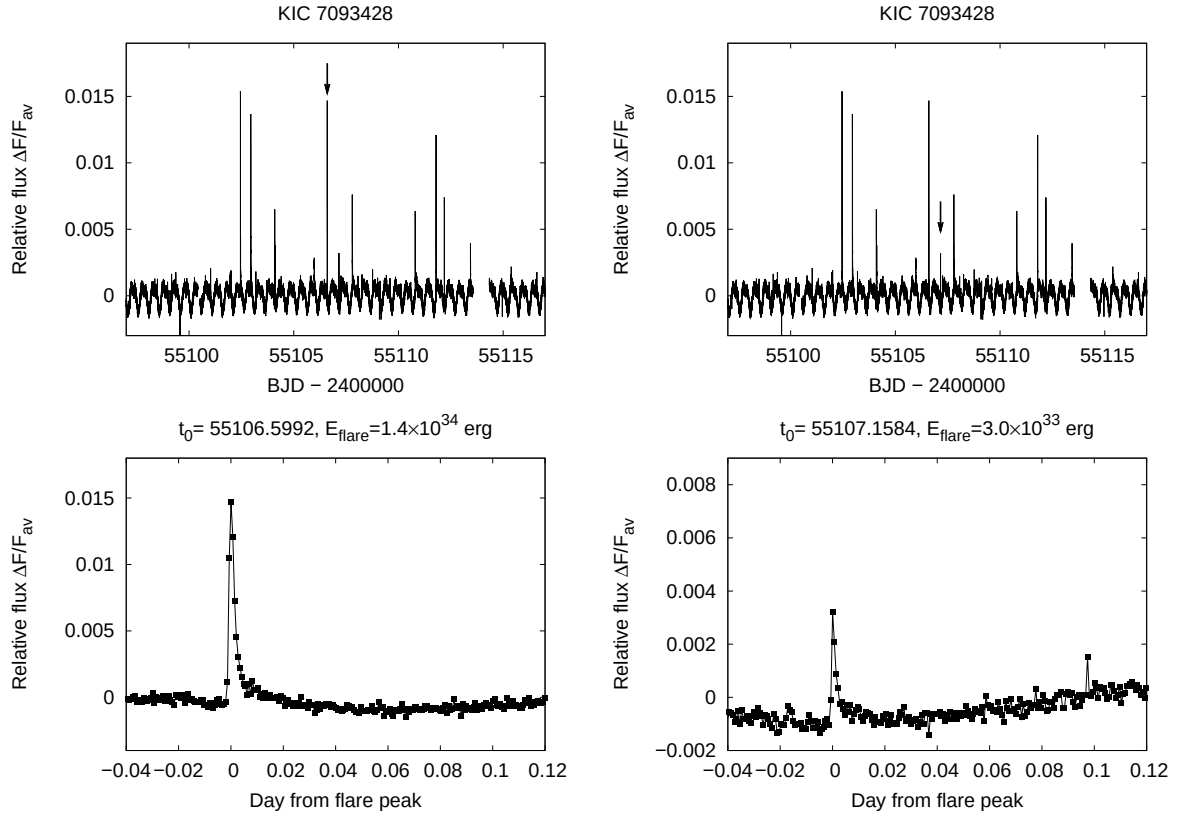


Figure 21: Light curves of each flare (cont.)

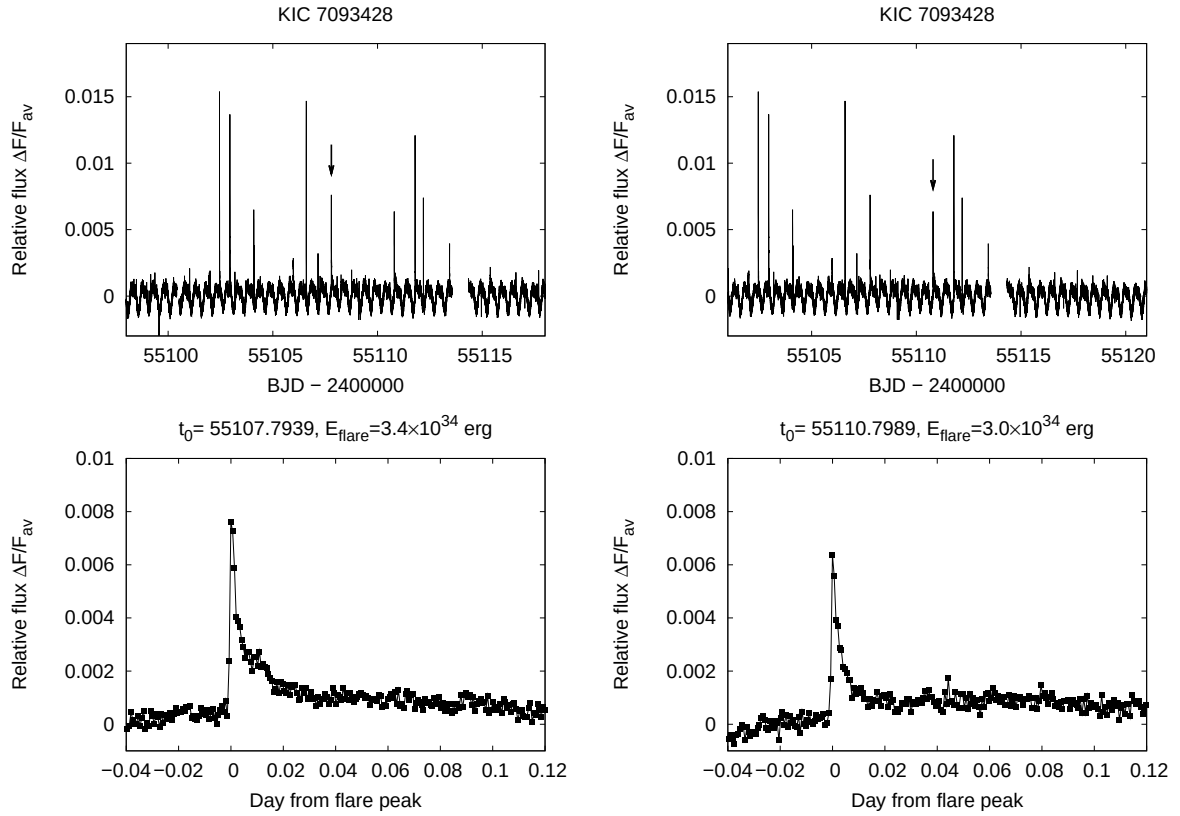


Figure 22: Light curves of each flare (cont.)

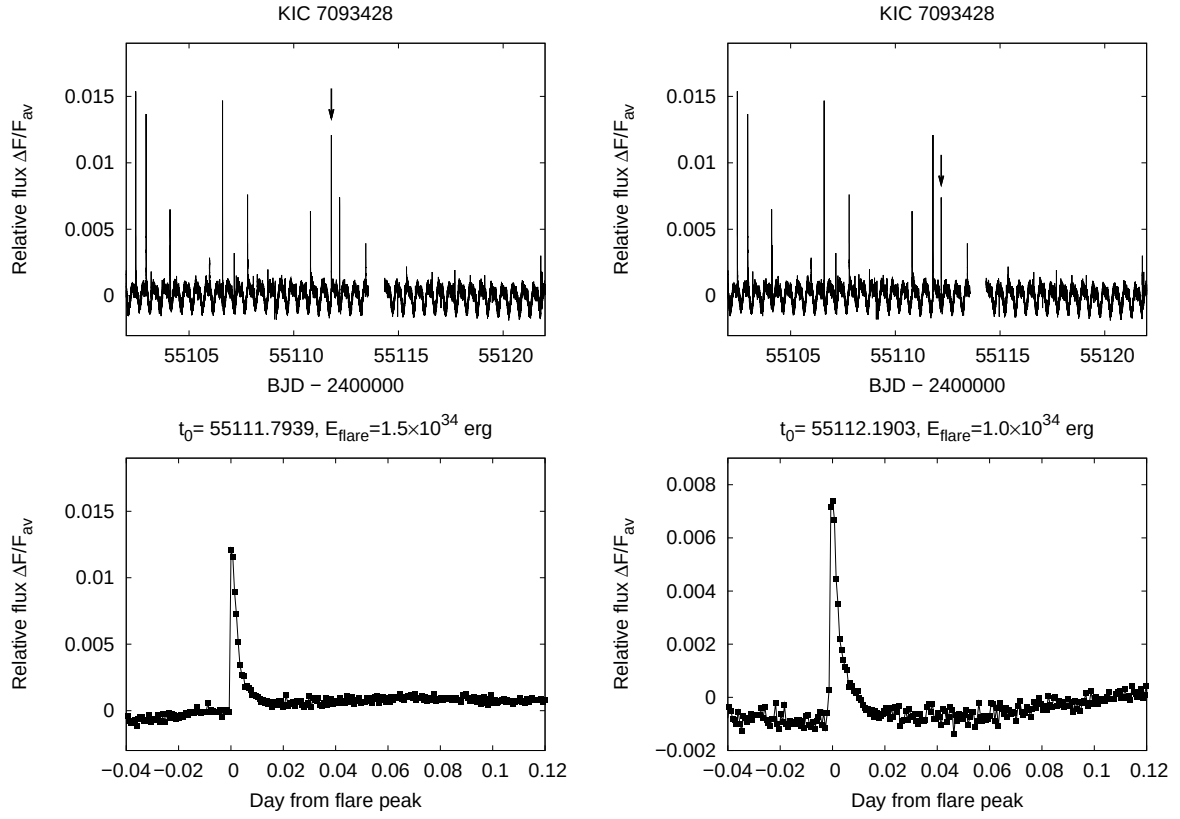


Figure 23: Light curves of each flare (cont.)

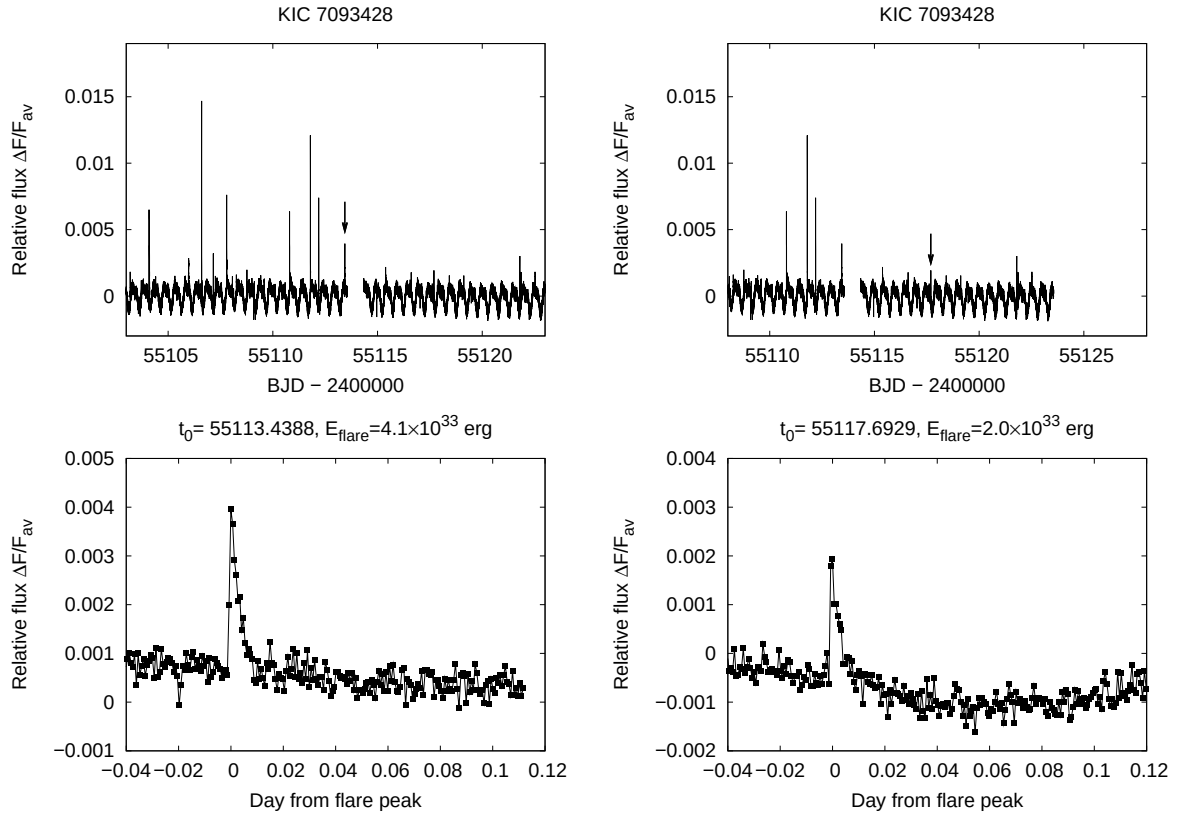


Figure 24: Light curves of each flare (cont.)

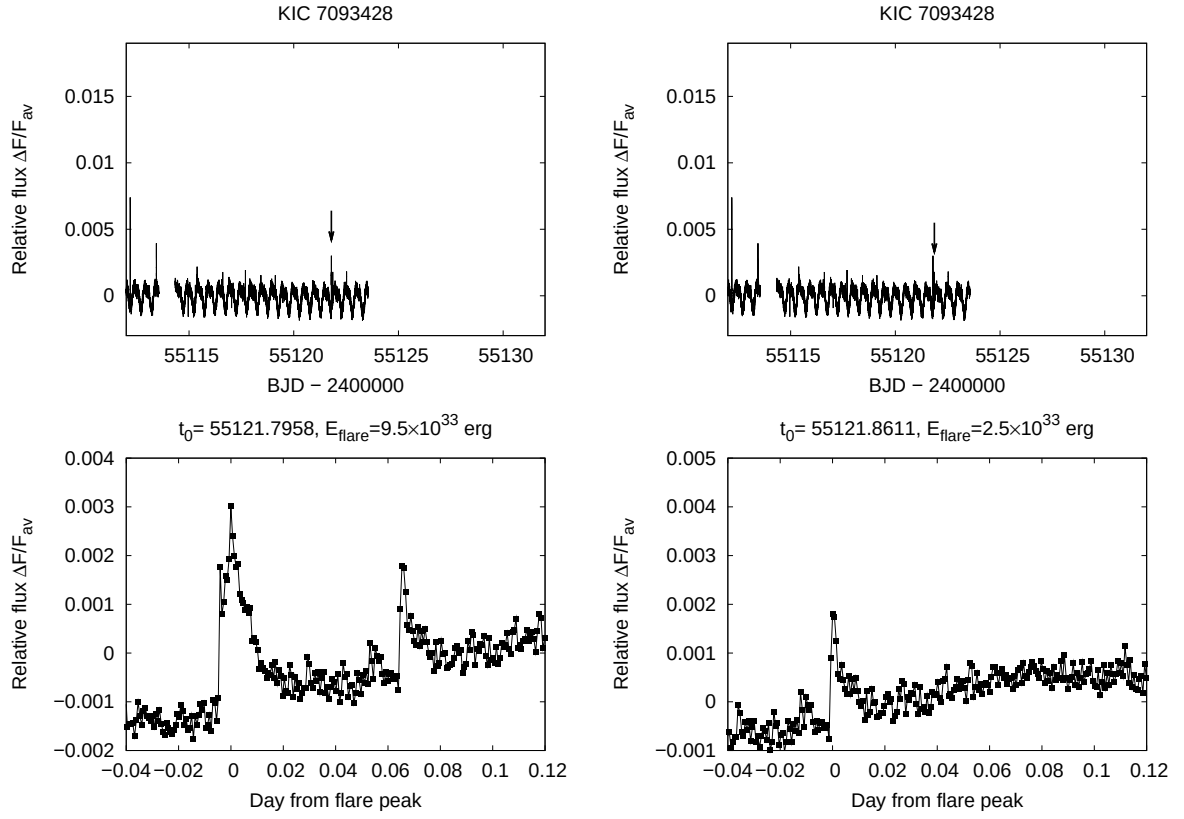


Figure 25: Light curves of each flare (cont.)

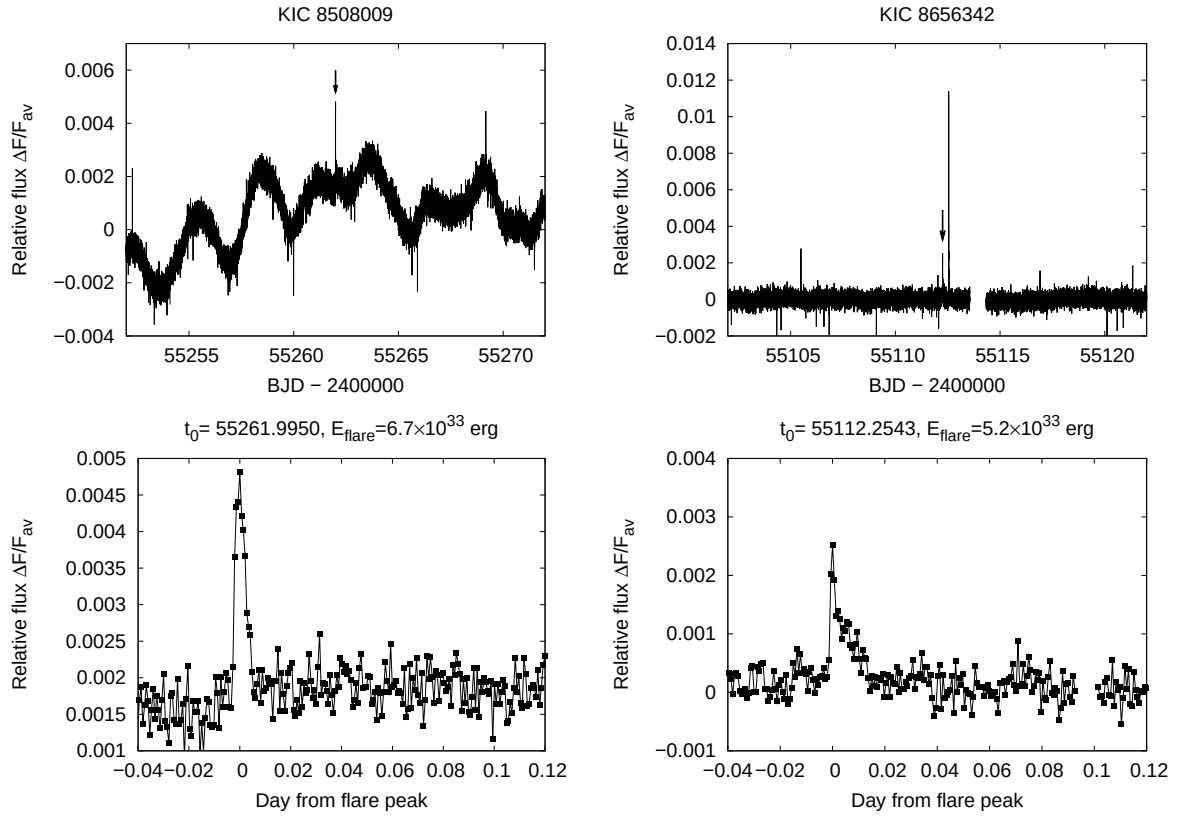


Figure 26: Light curves of each flare (cont.)

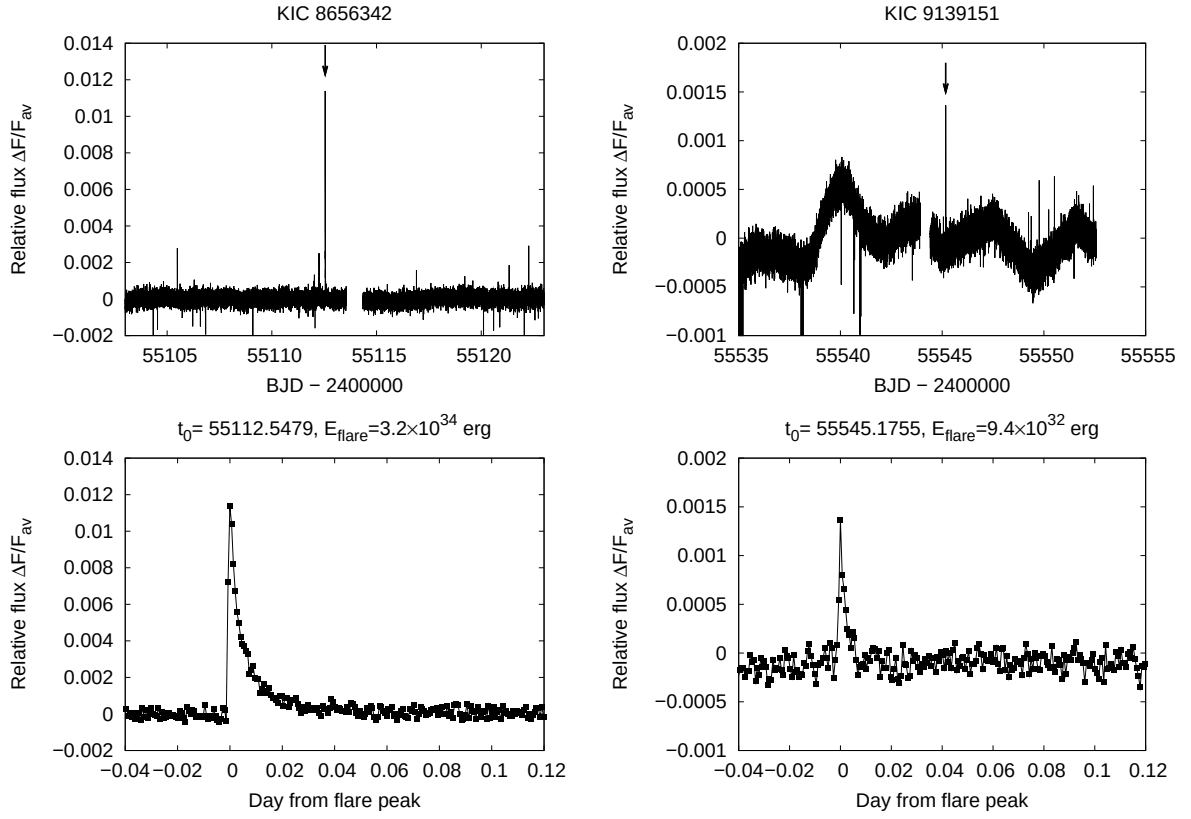


Figure 27: Light curves of each flare (cont.)

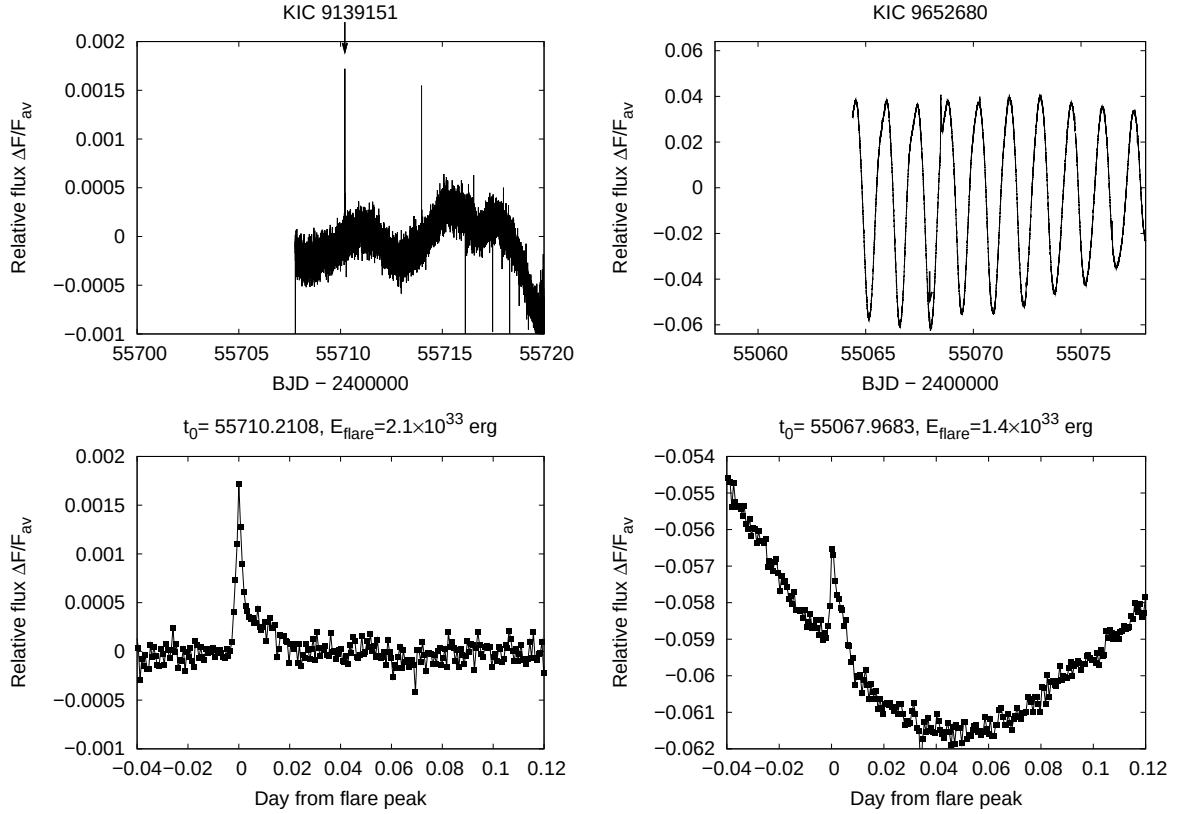


Figure 28: Light curves of each flare (cont.)

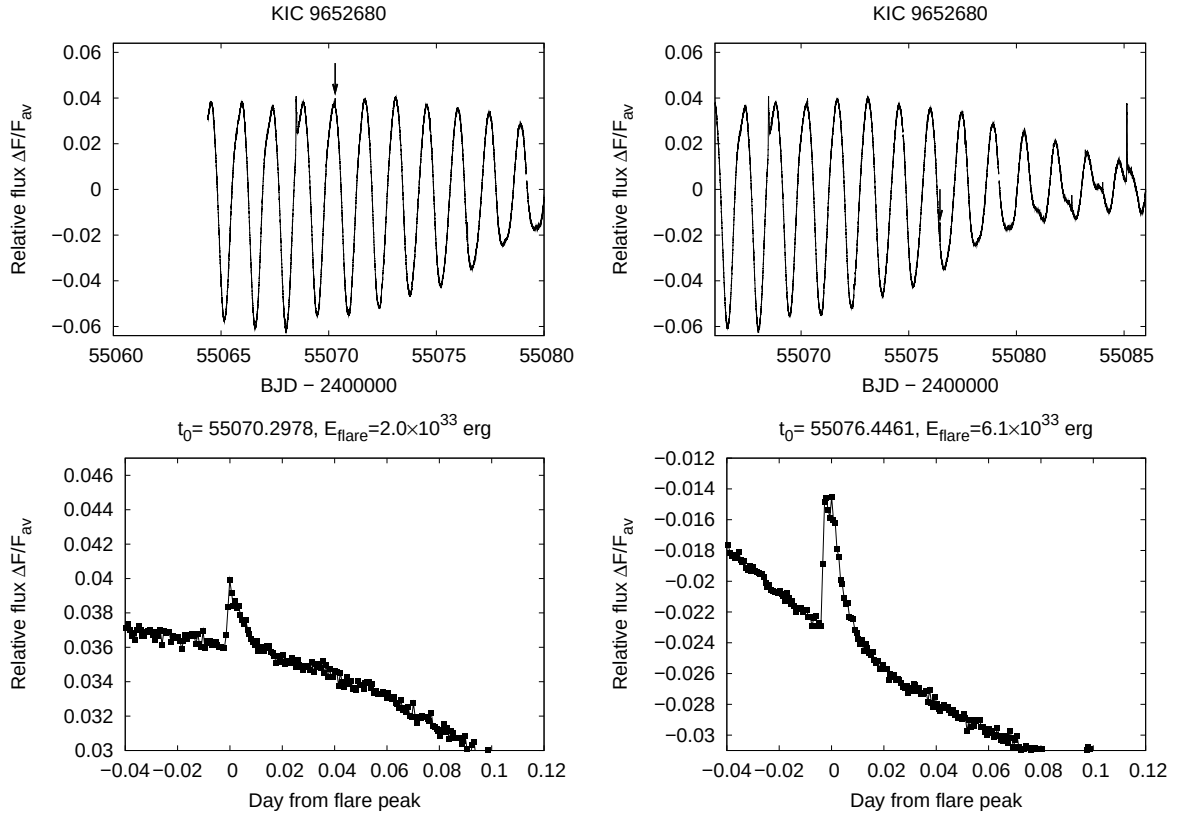


Figure 29: Light curves of each flare (cont.)

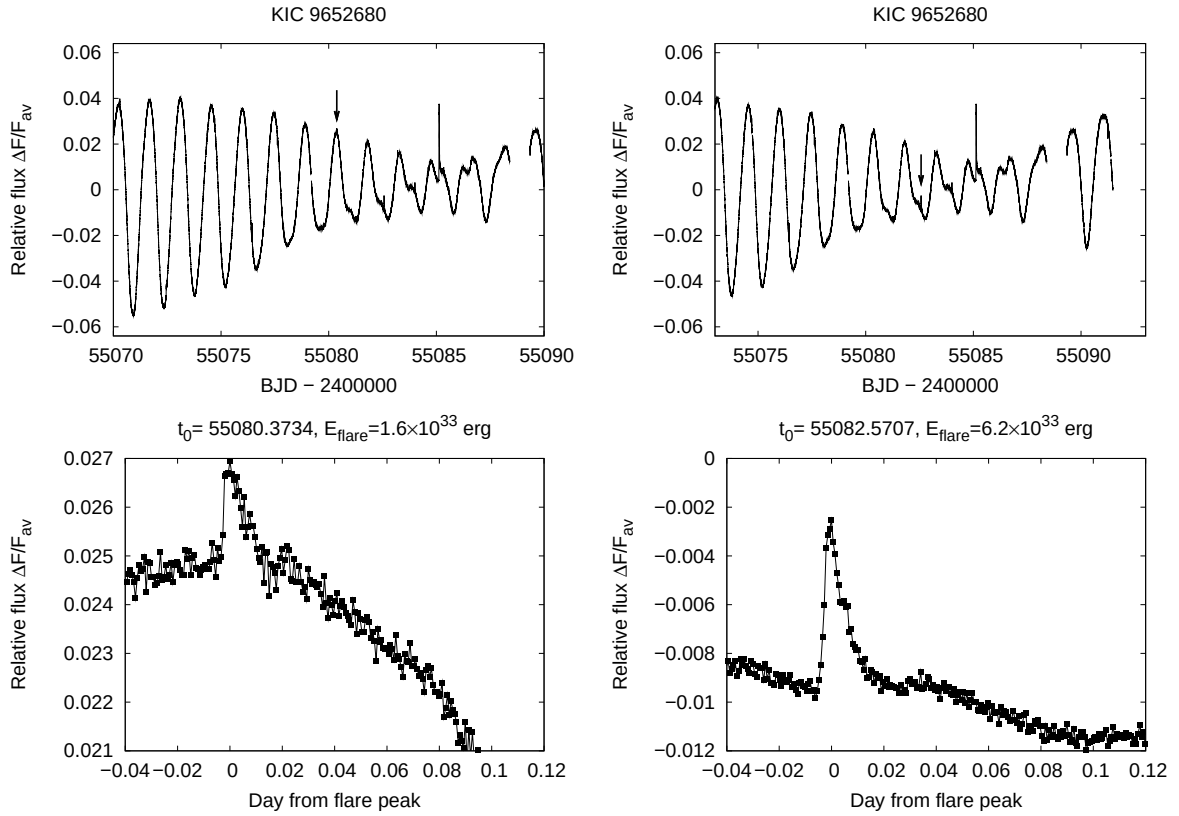


Figure 30: Light curves of each flare (cont.)

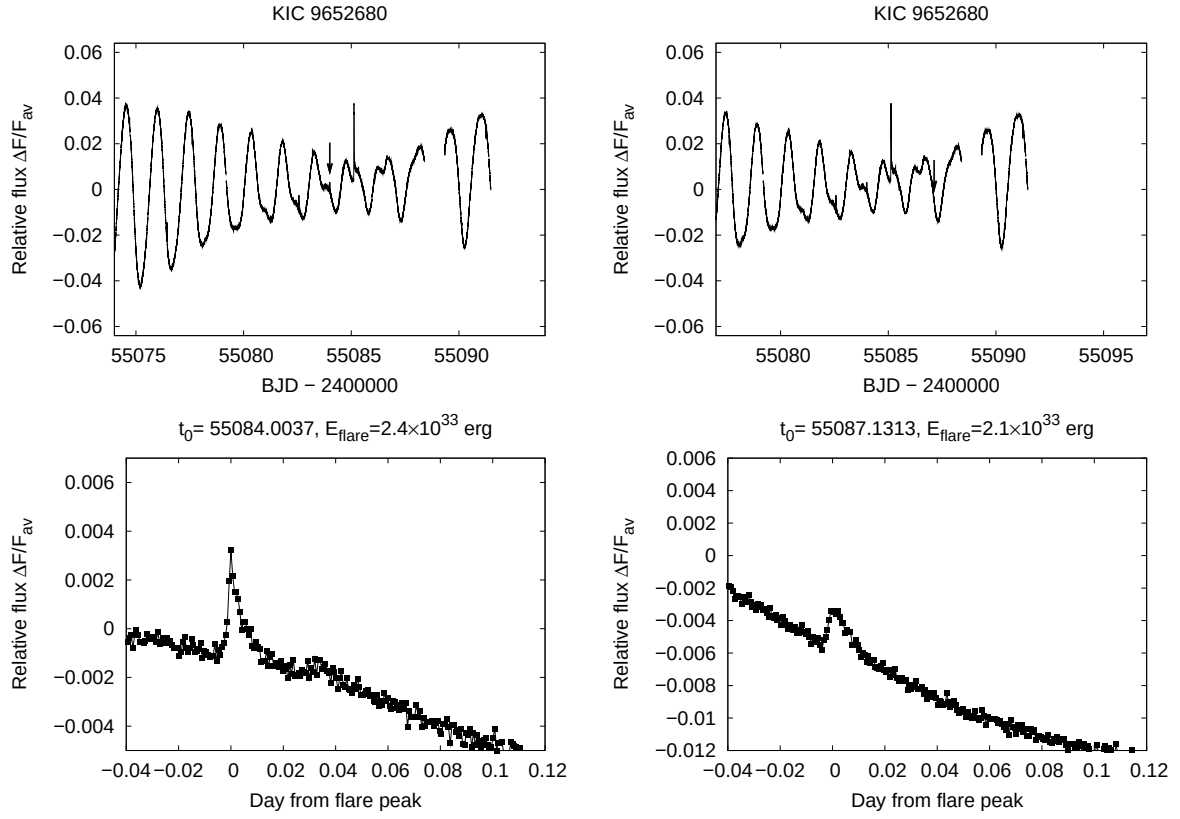


Figure 31: Light curves of each flare (cont.)

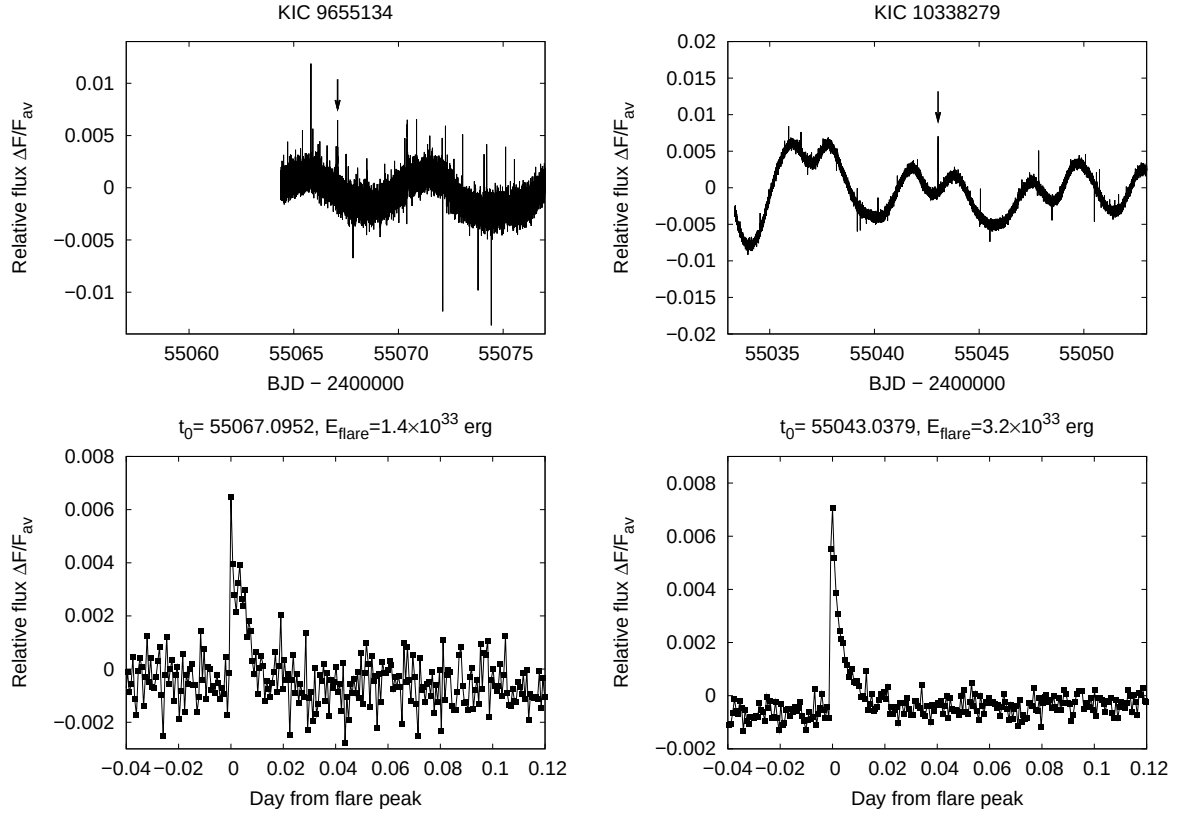


Figure 32: Light curves of each flare (cont.)

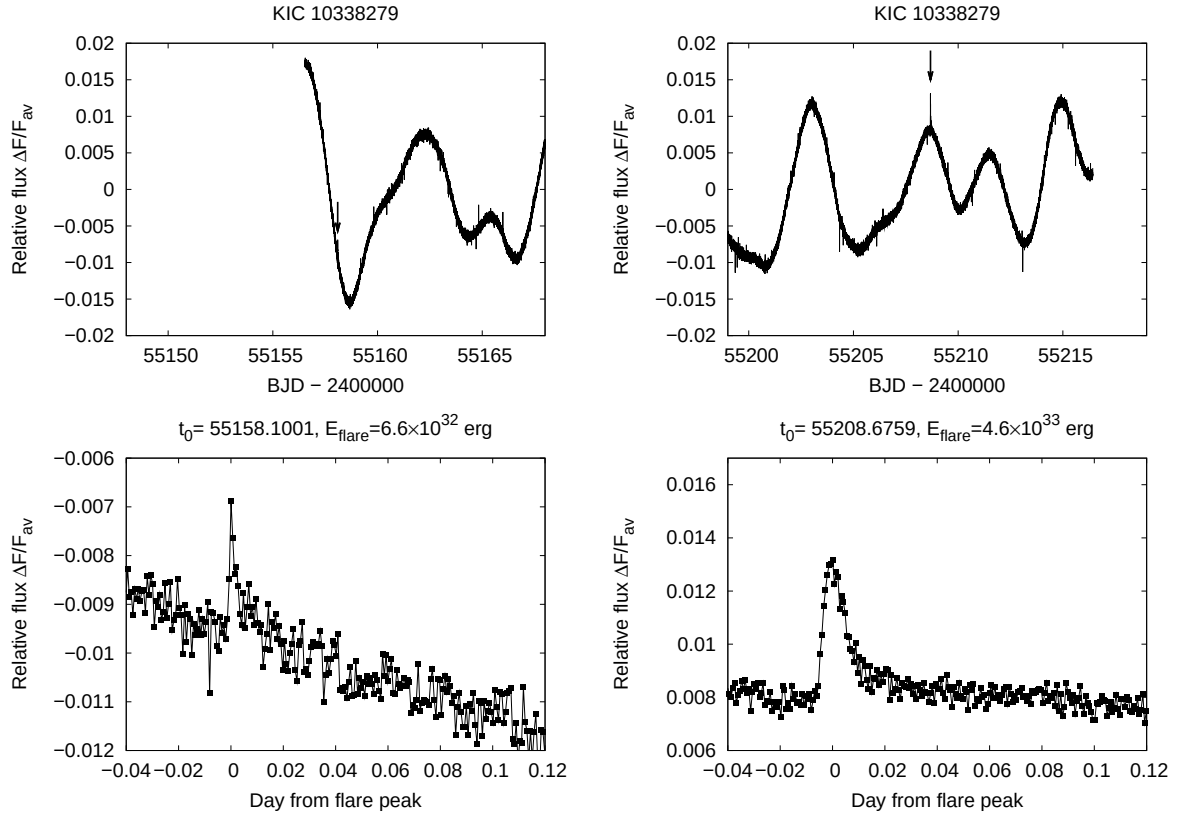


Figure 33: Light curves of each flare (cont.)

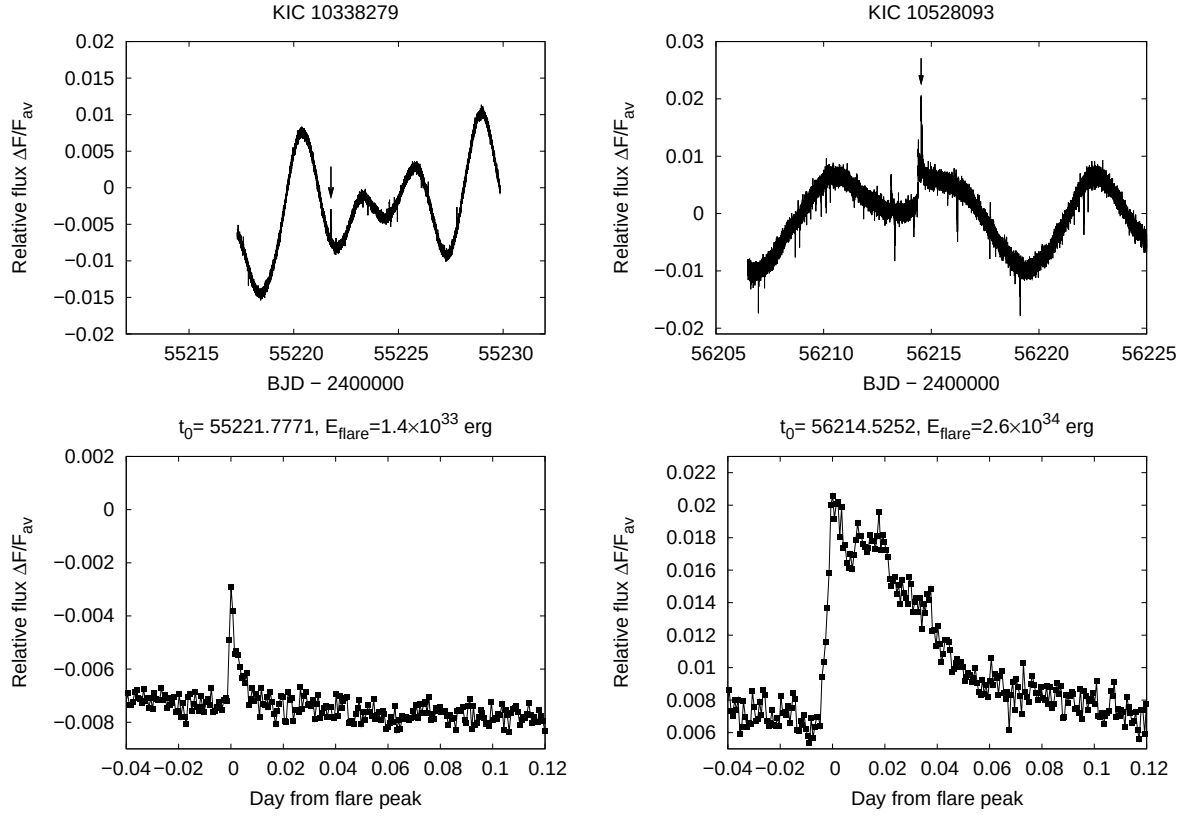


Figure 34: Light curves of each flare (cont.)

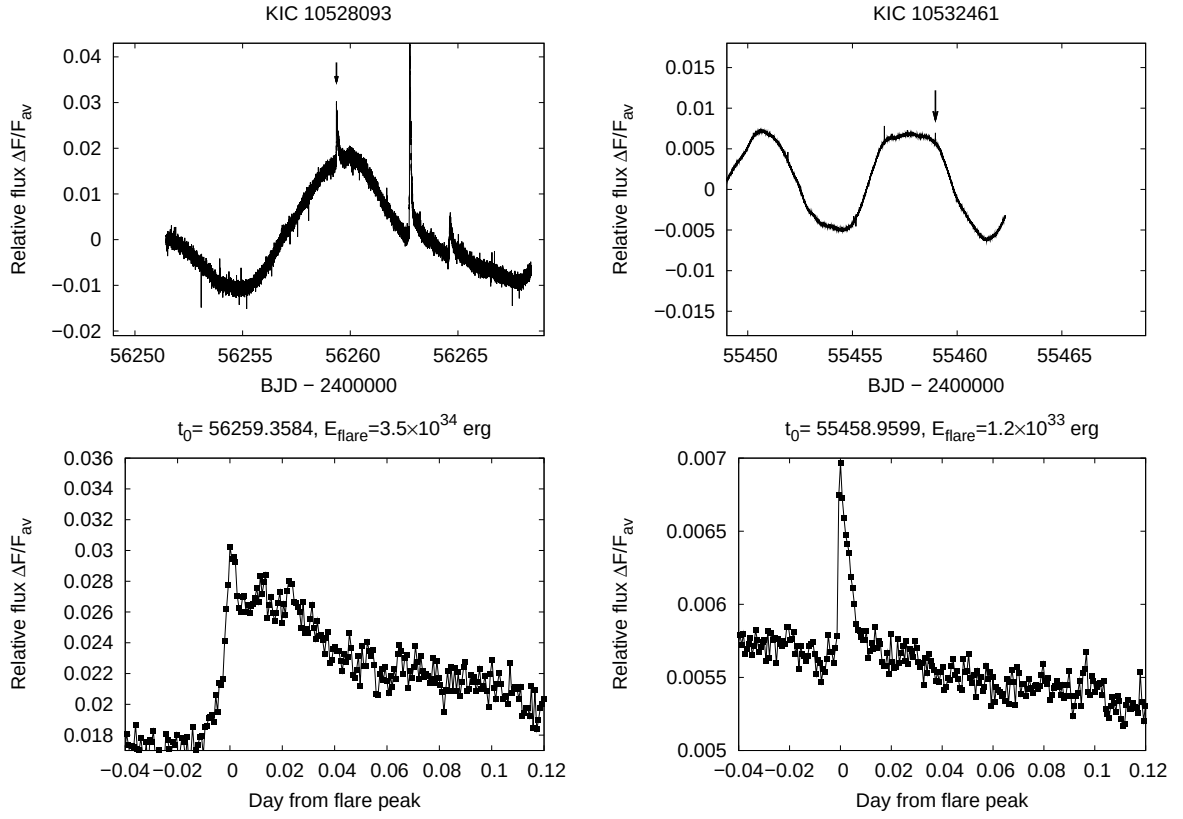


Figure 35: Light curves of each flare (cont.)

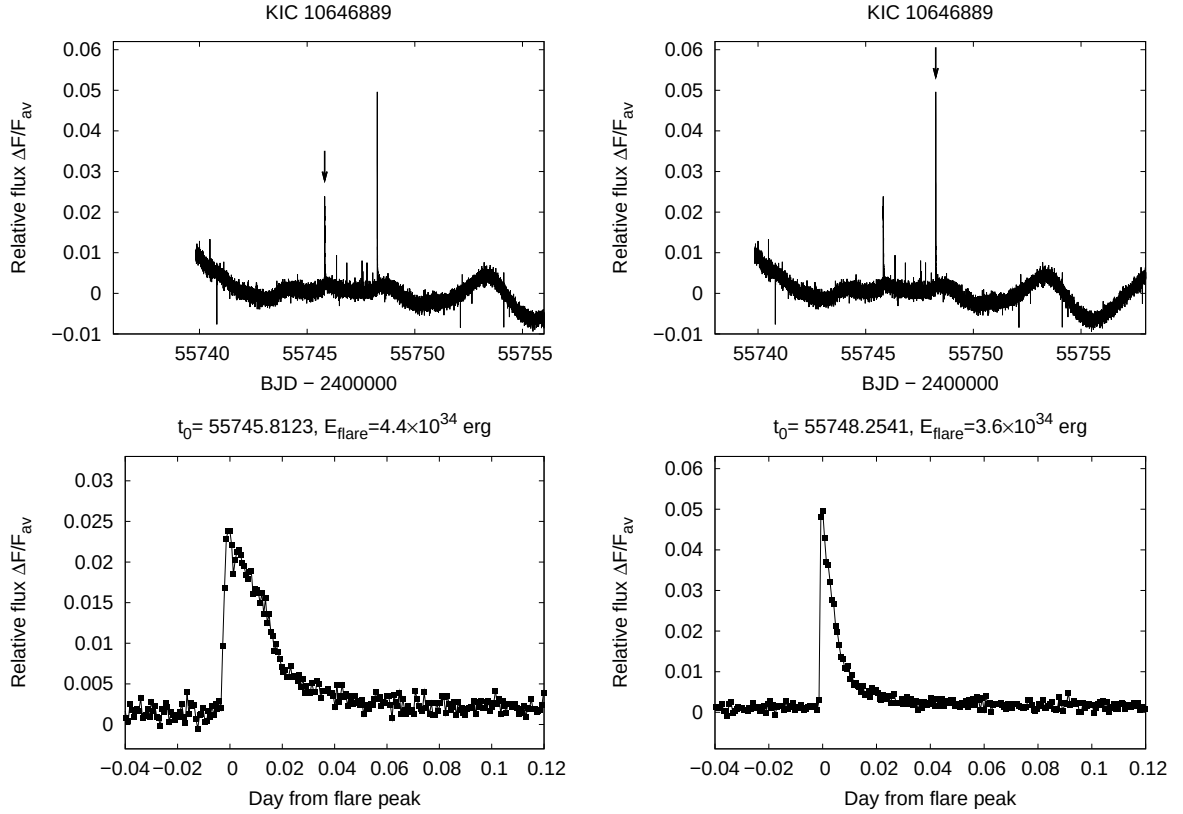


Figure 36: Light curves of each flare (cont.)

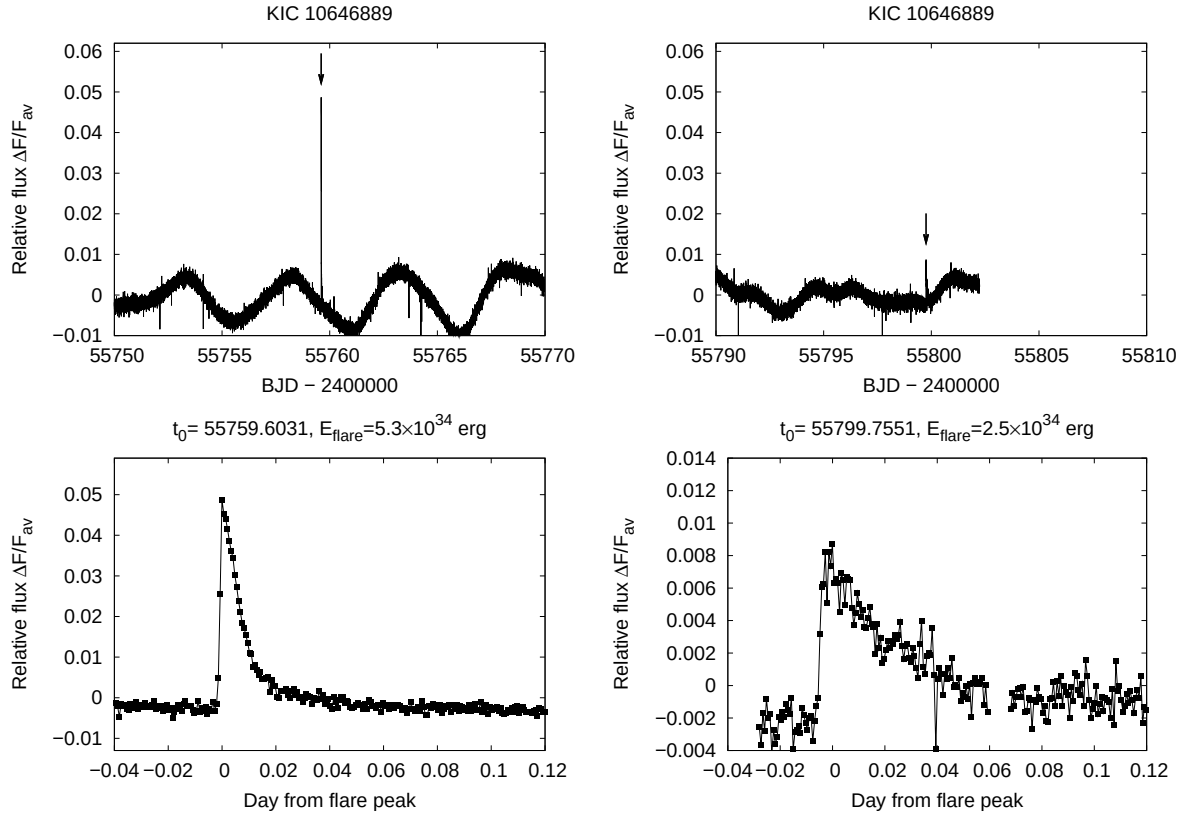


Figure 37: Light curves of each flare (cont.)

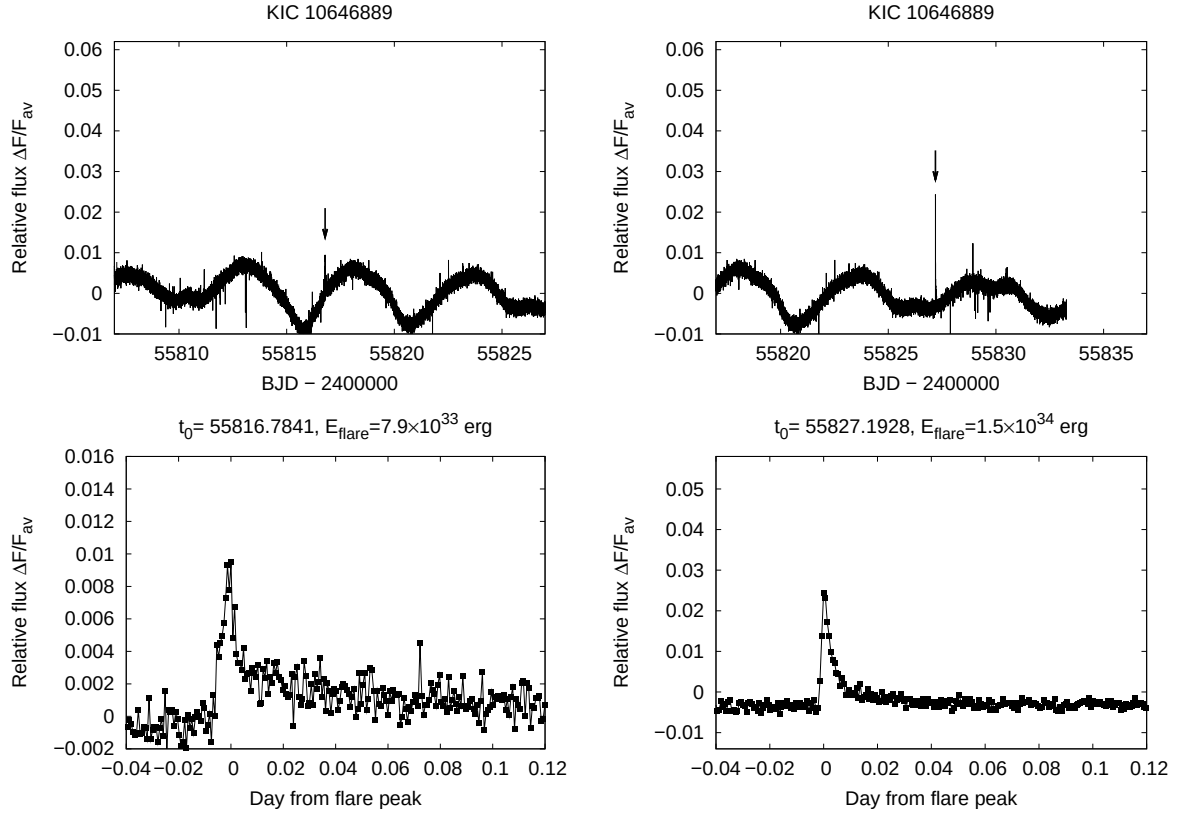


Figure 38: Light curves of each flare (cont.)

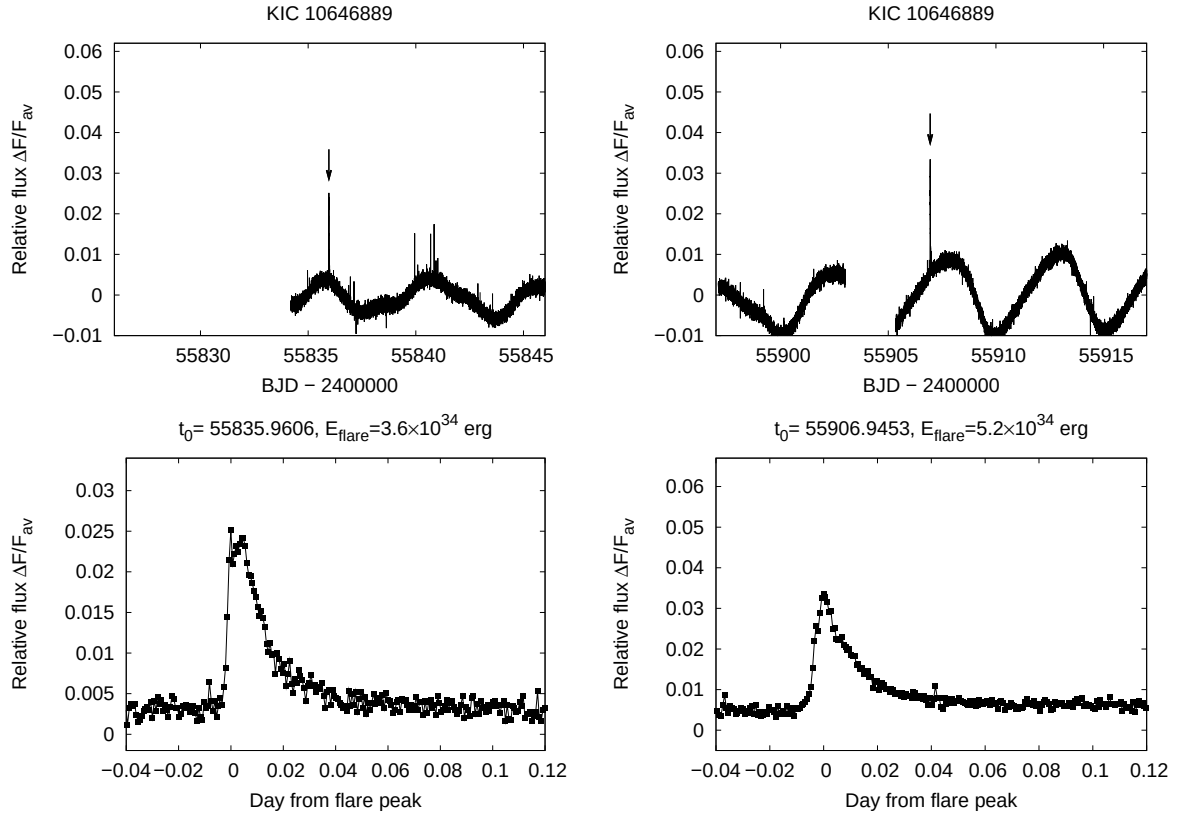


Figure 39: Light curves of each flare (cont.)

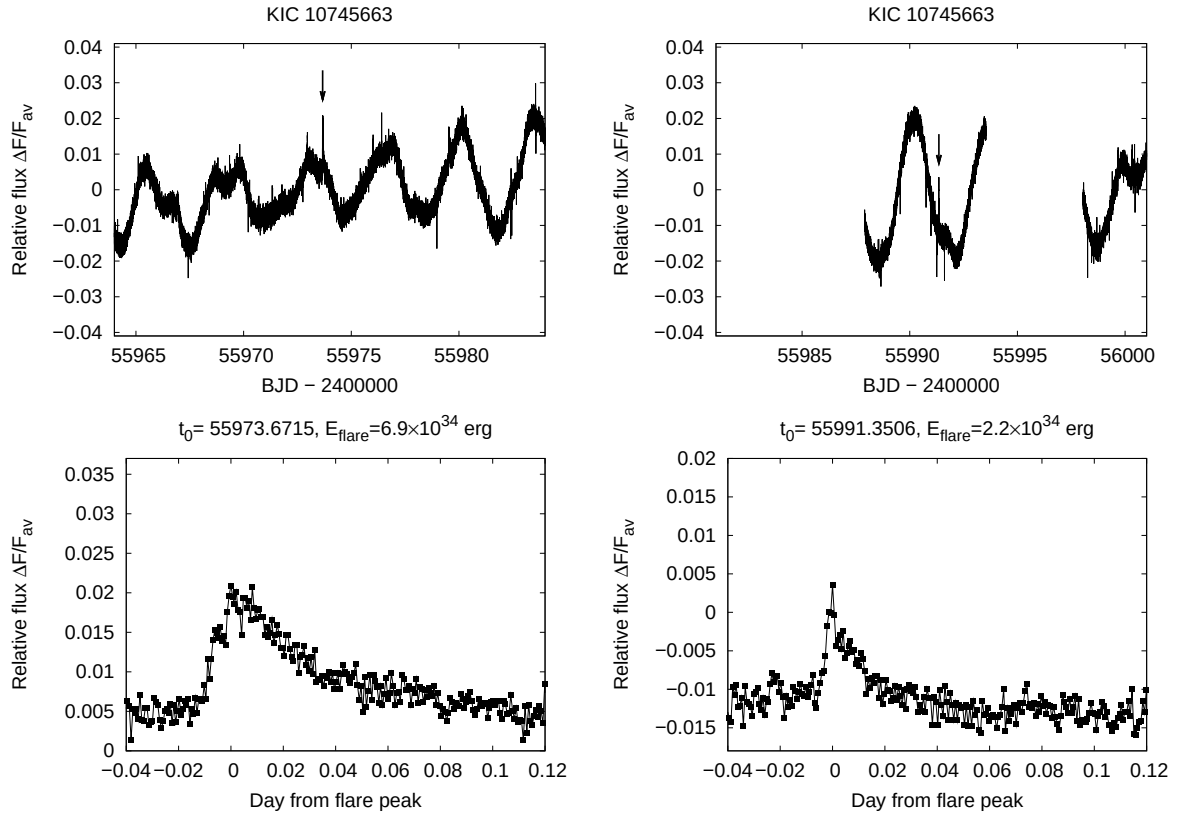


Figure 40: Light curves of each flare (cont.)

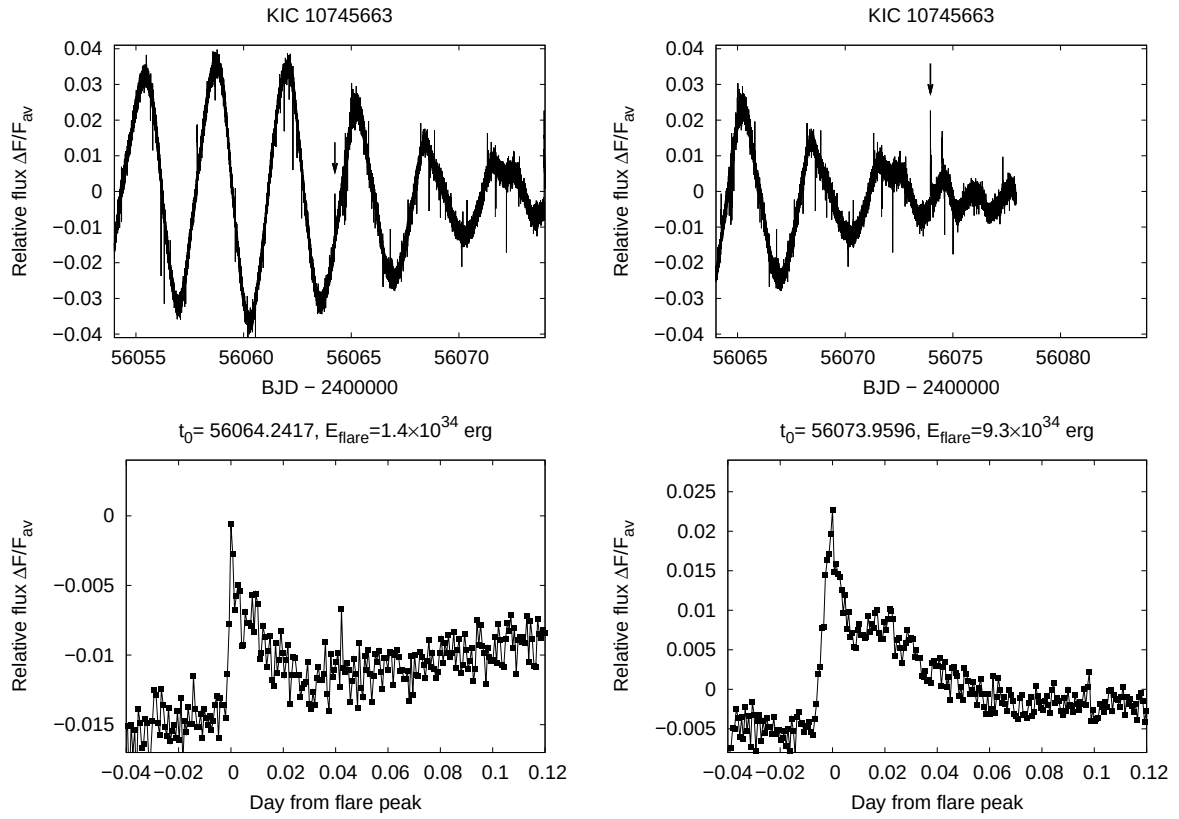


Figure 41: Light curves of each flare (cont.)

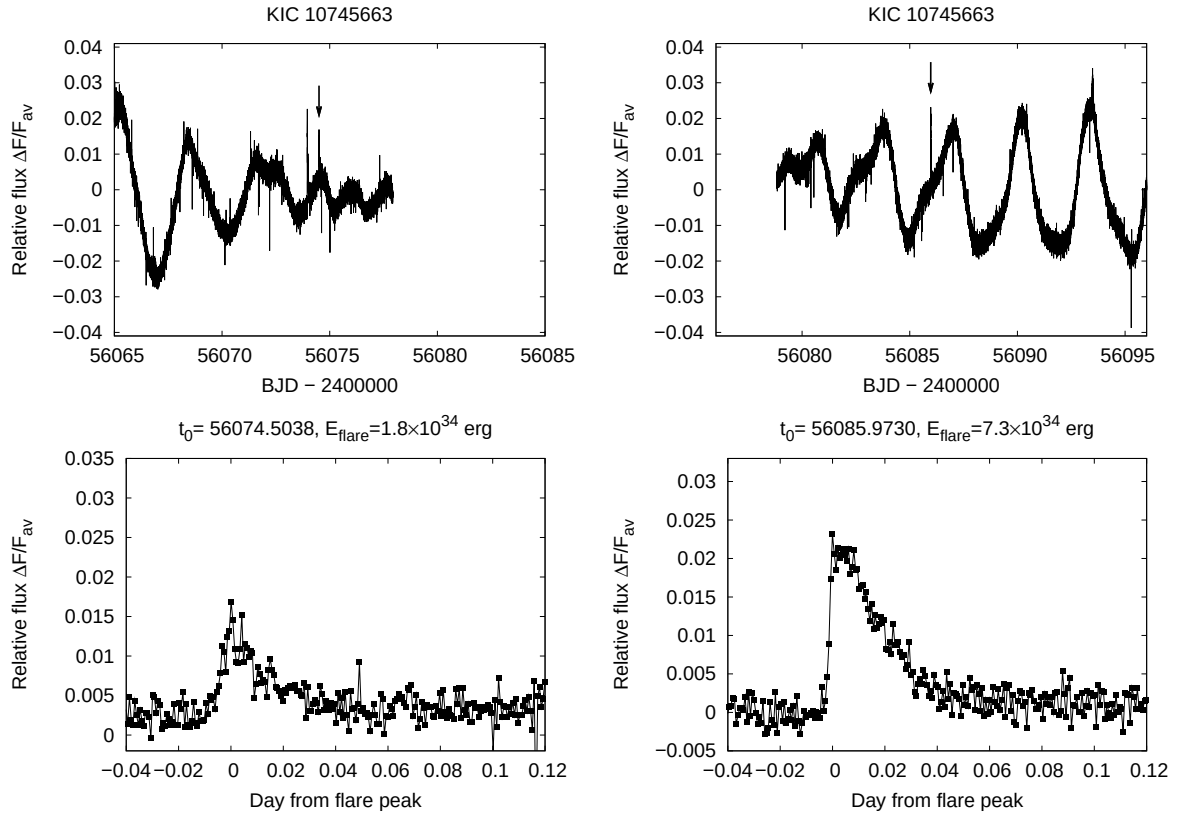


Figure 42: Light curves of each flare (cont.)

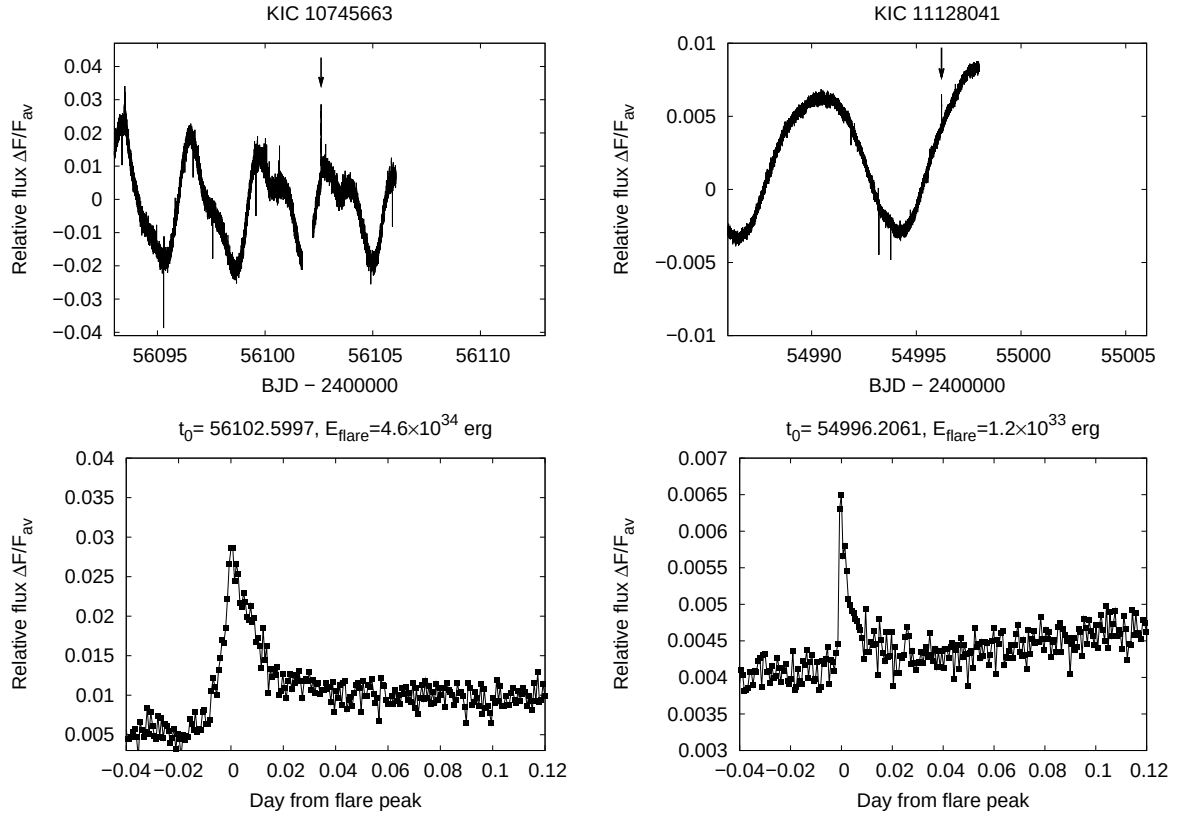


Figure 43: Light curves of each flare (cont.)

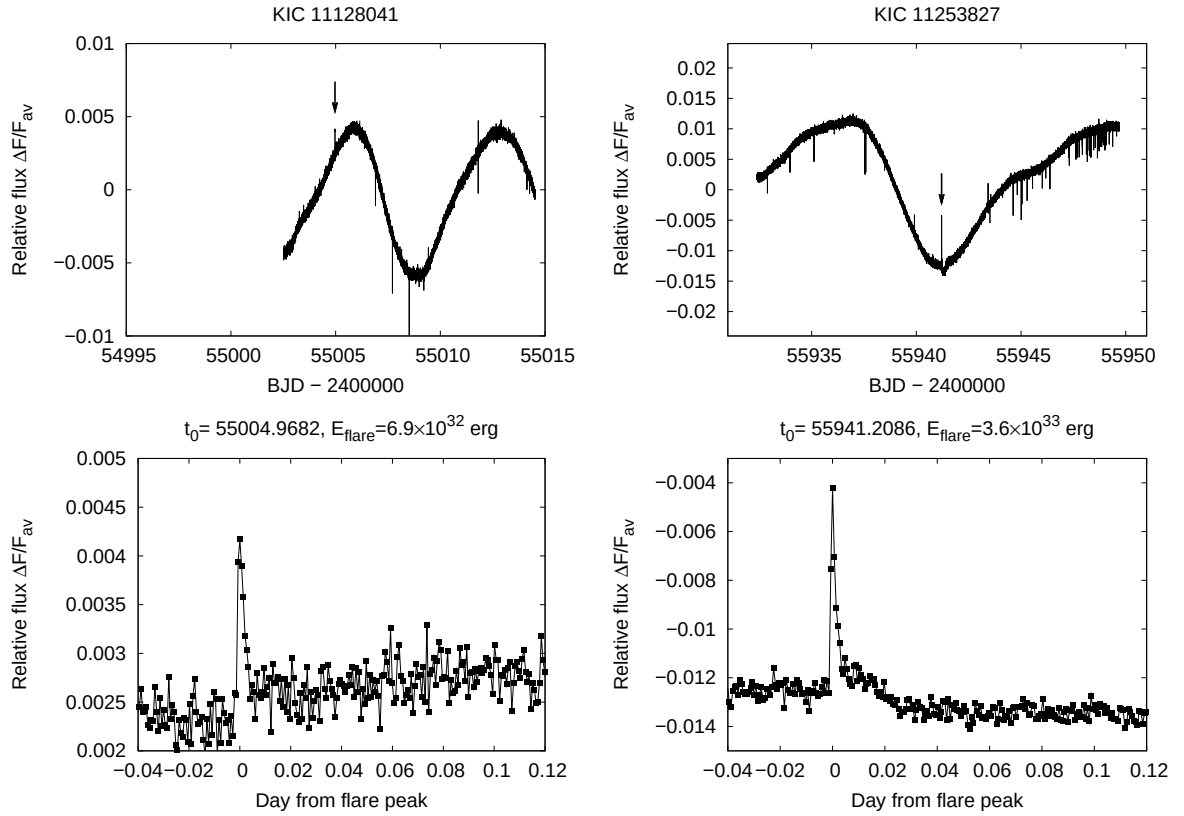


Figure 44: Light curves of each flare (cont.)

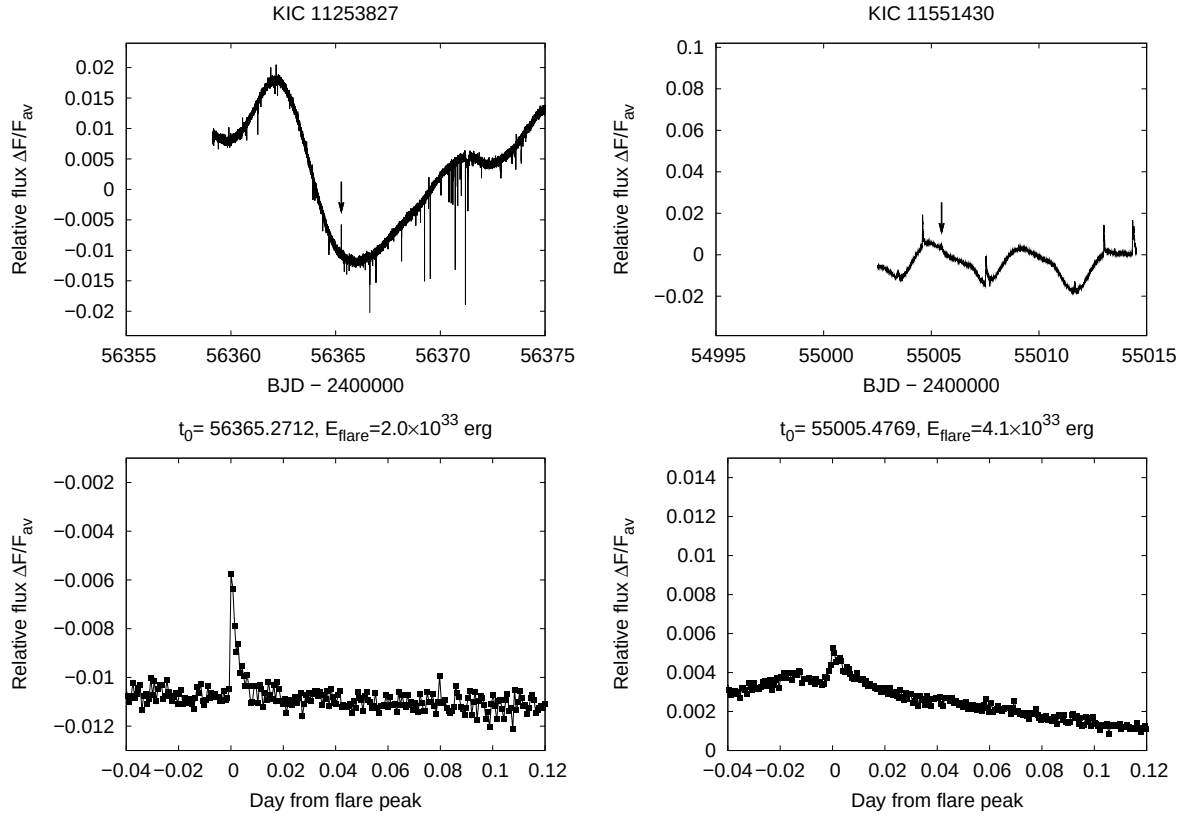


Figure 45: Light curves of each flare (cont.)

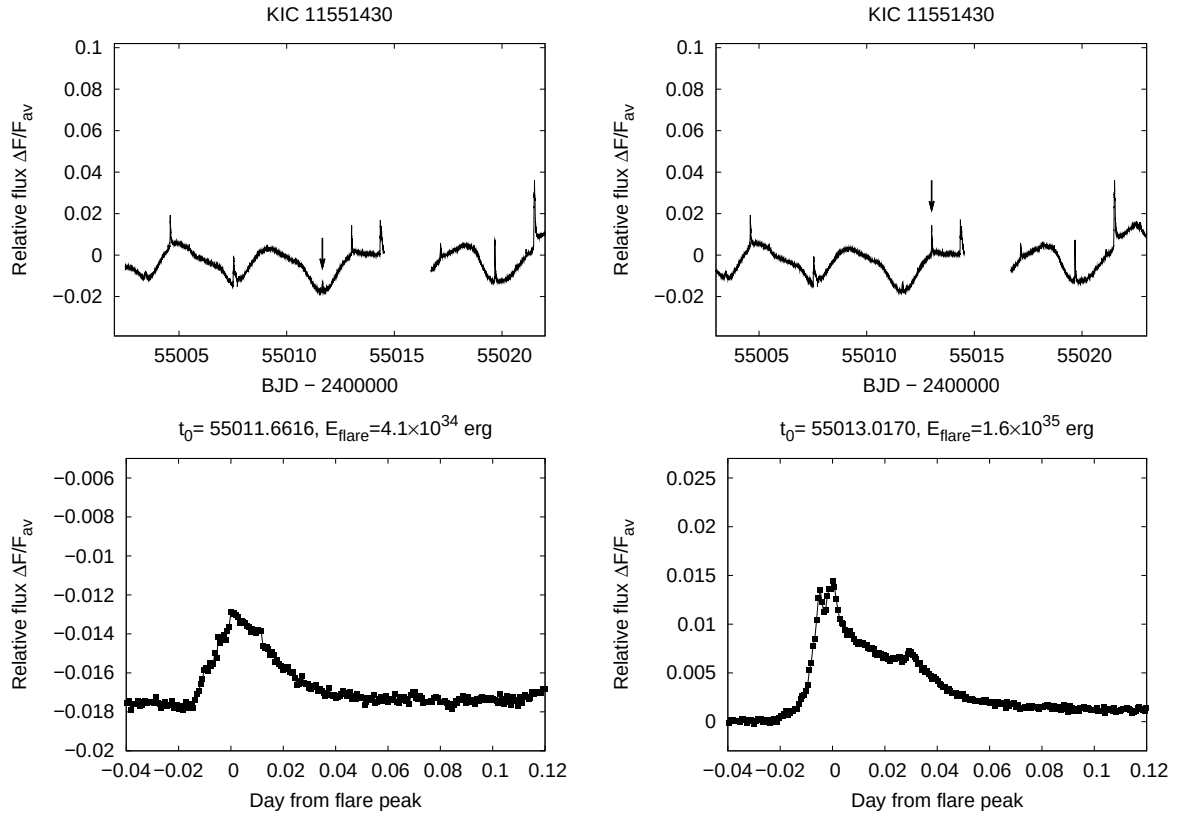


Figure 46: Light curves of each flare (cont.)

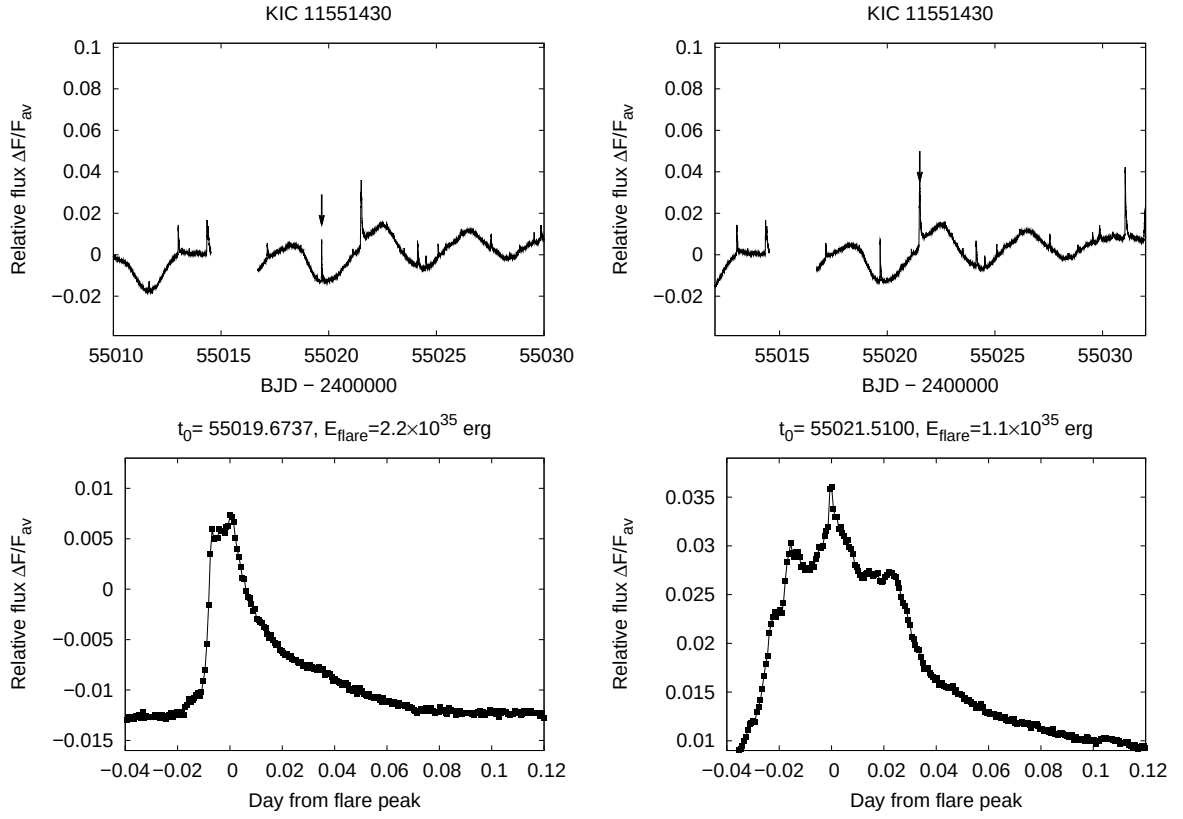


Figure 47: Light curves of each flare (cont.)

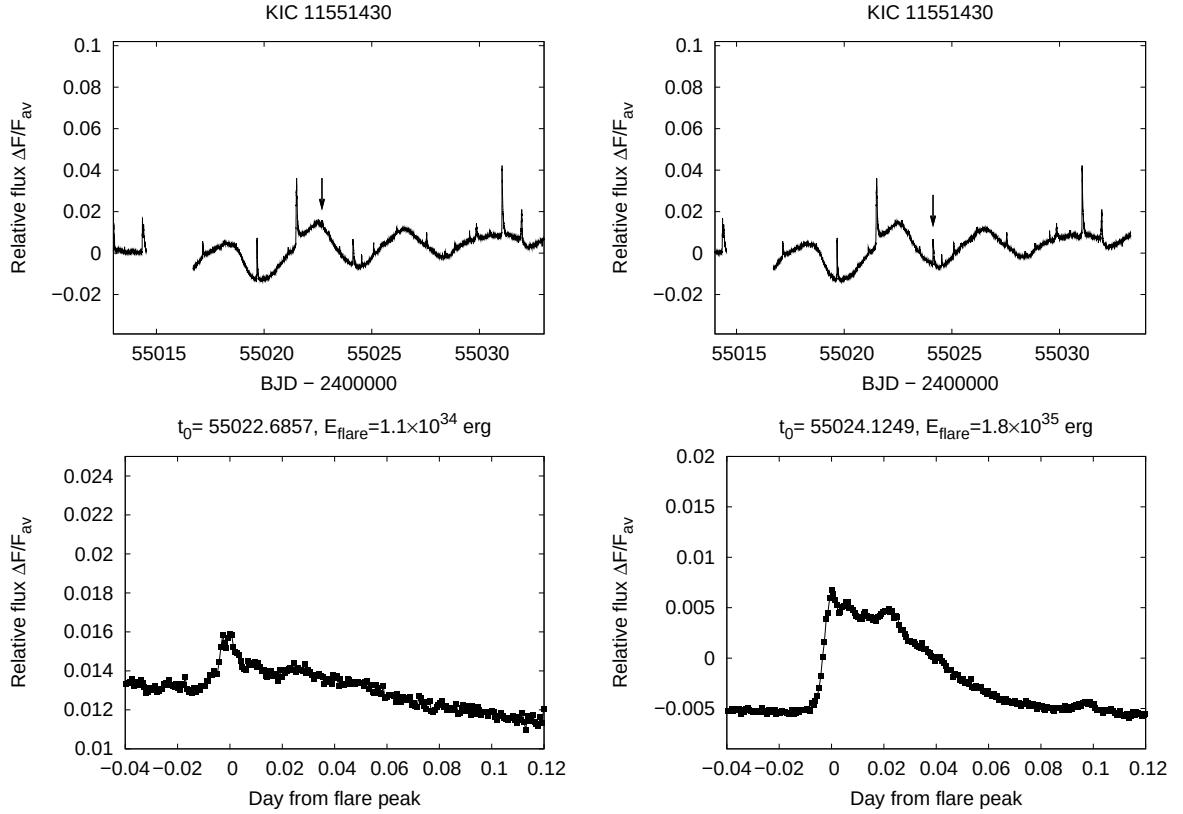


Figure 48: Light curves of each flare (cont.)

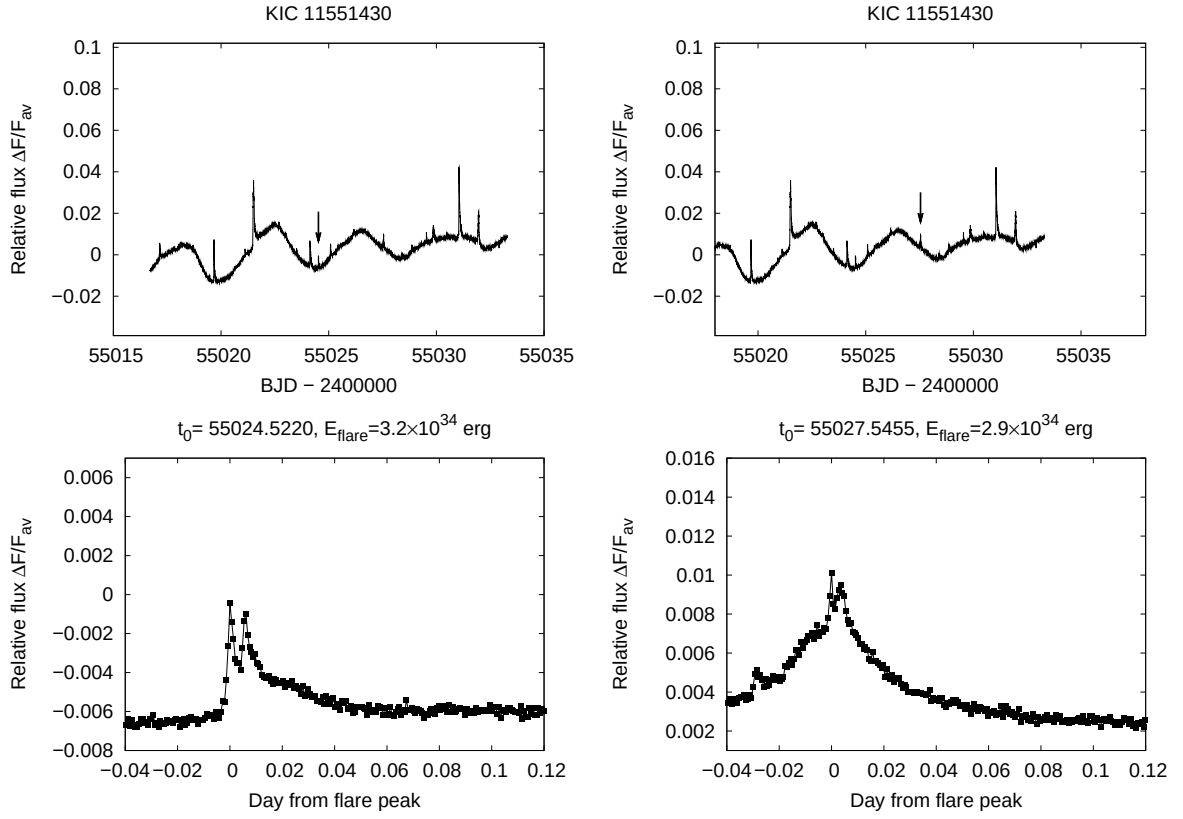


Figure 49: Light curves of each flare (cont.)

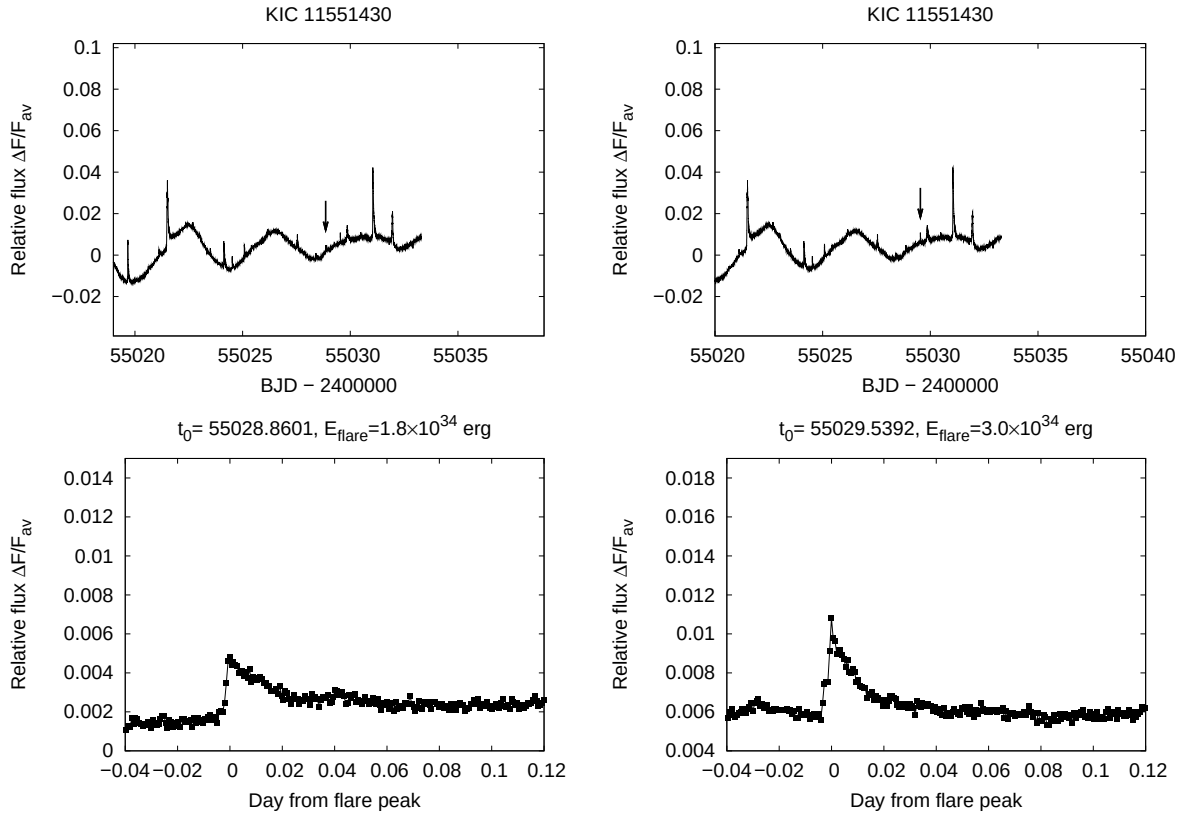


Figure 50: Light curves of each flare (cont.)

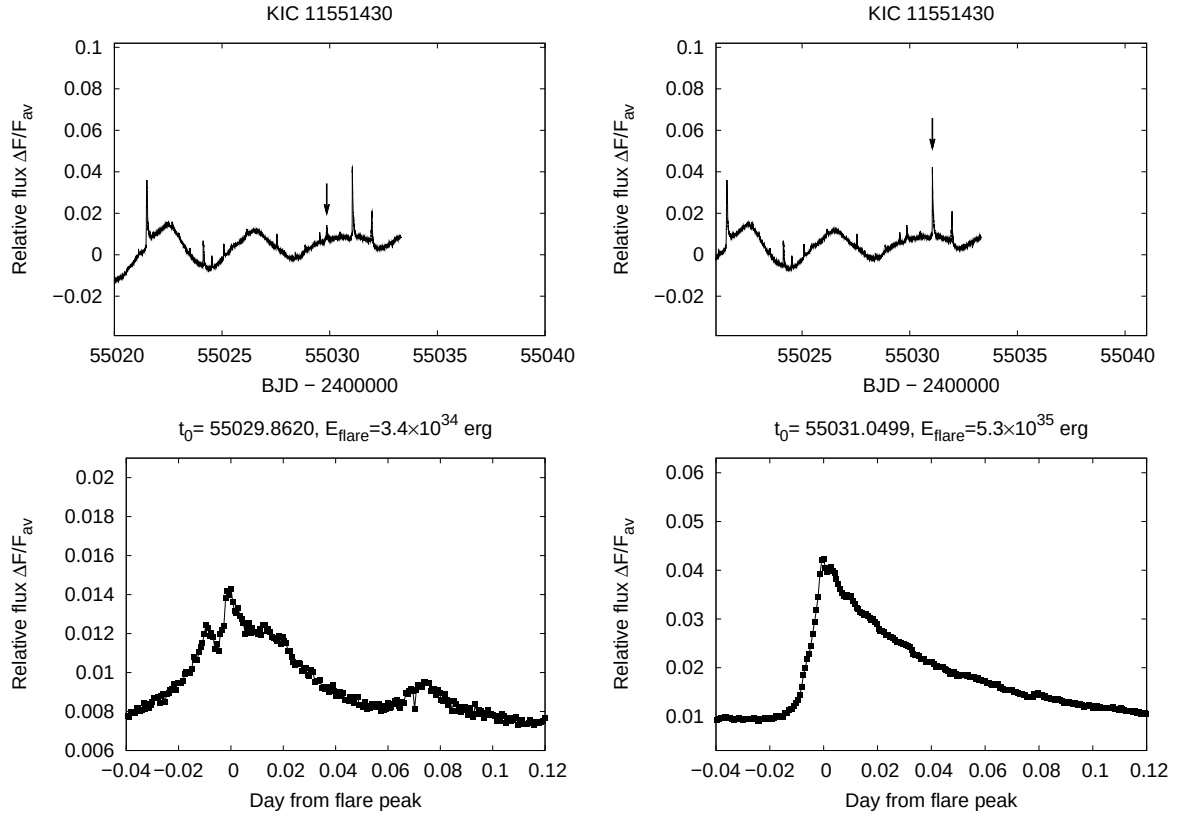


Figure 51: Light curves of each flare (cont.)

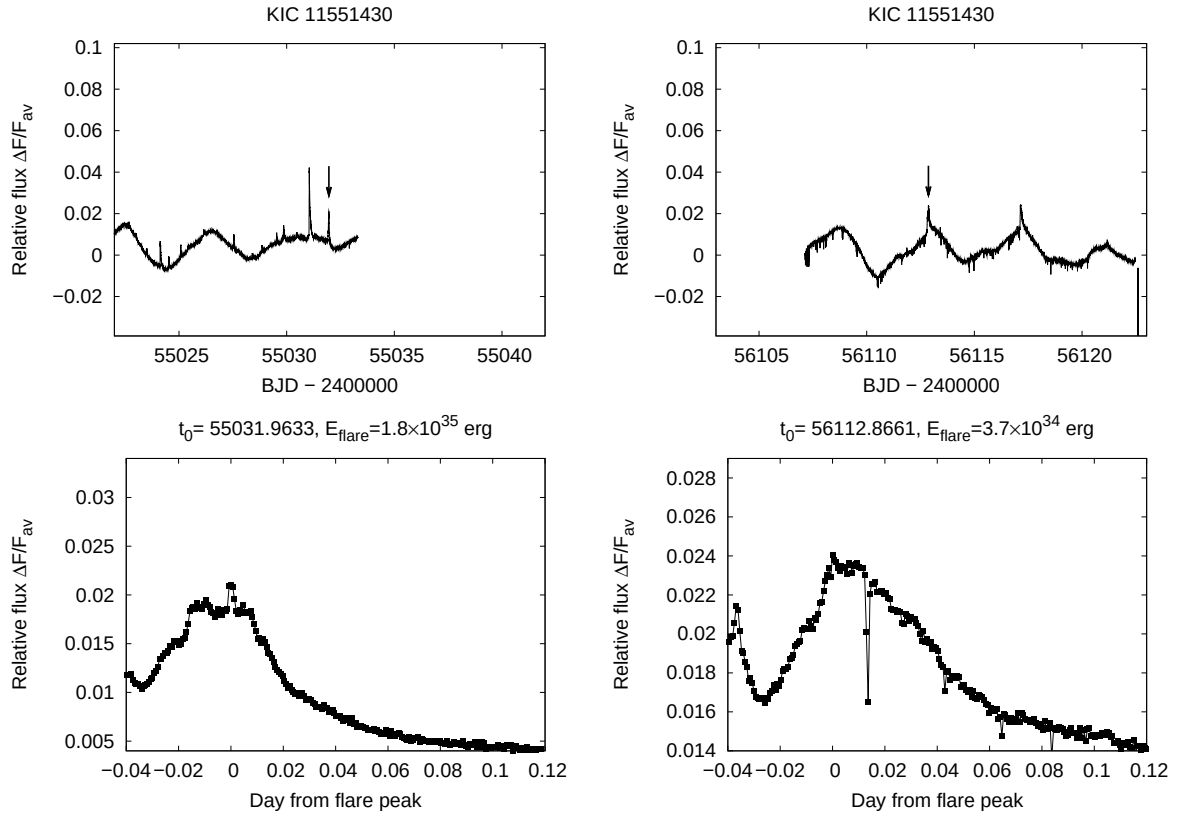


Figure 52: Light curves of each flare (cont.)

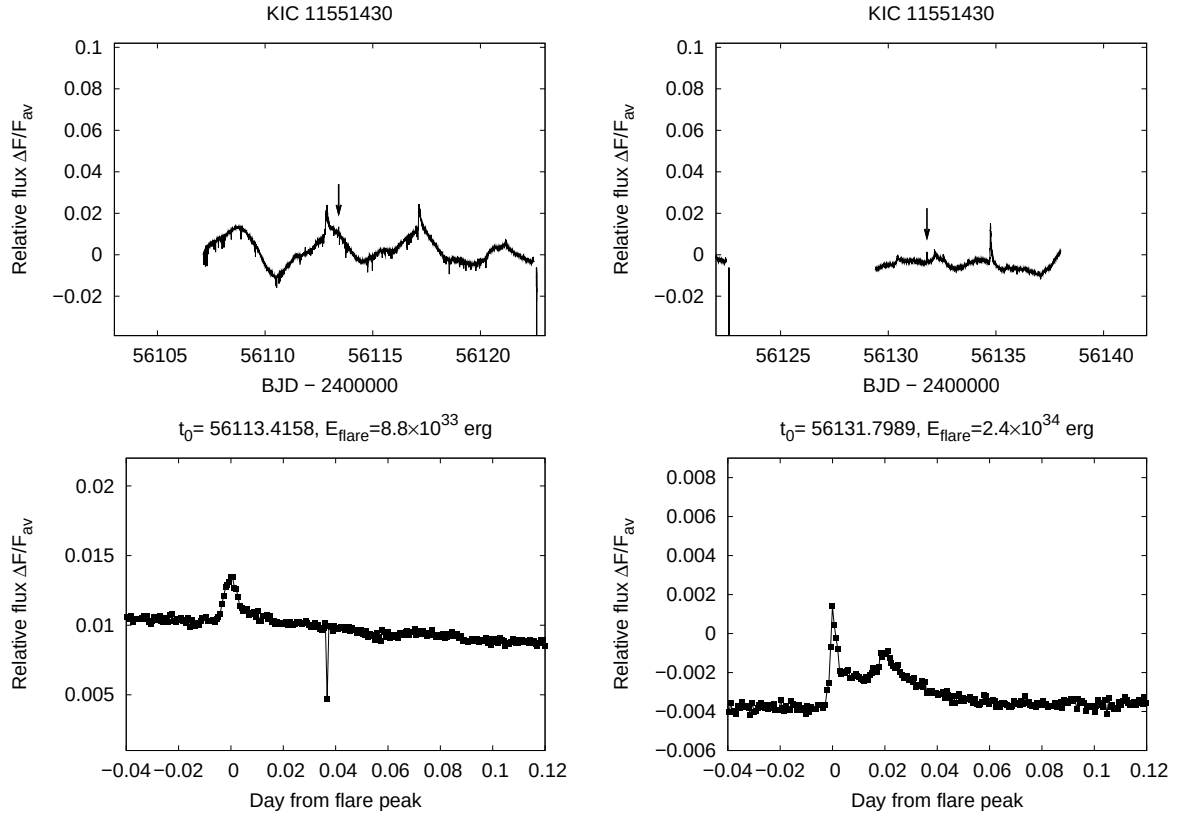


Figure 53: Light curves of each flare (cont.)

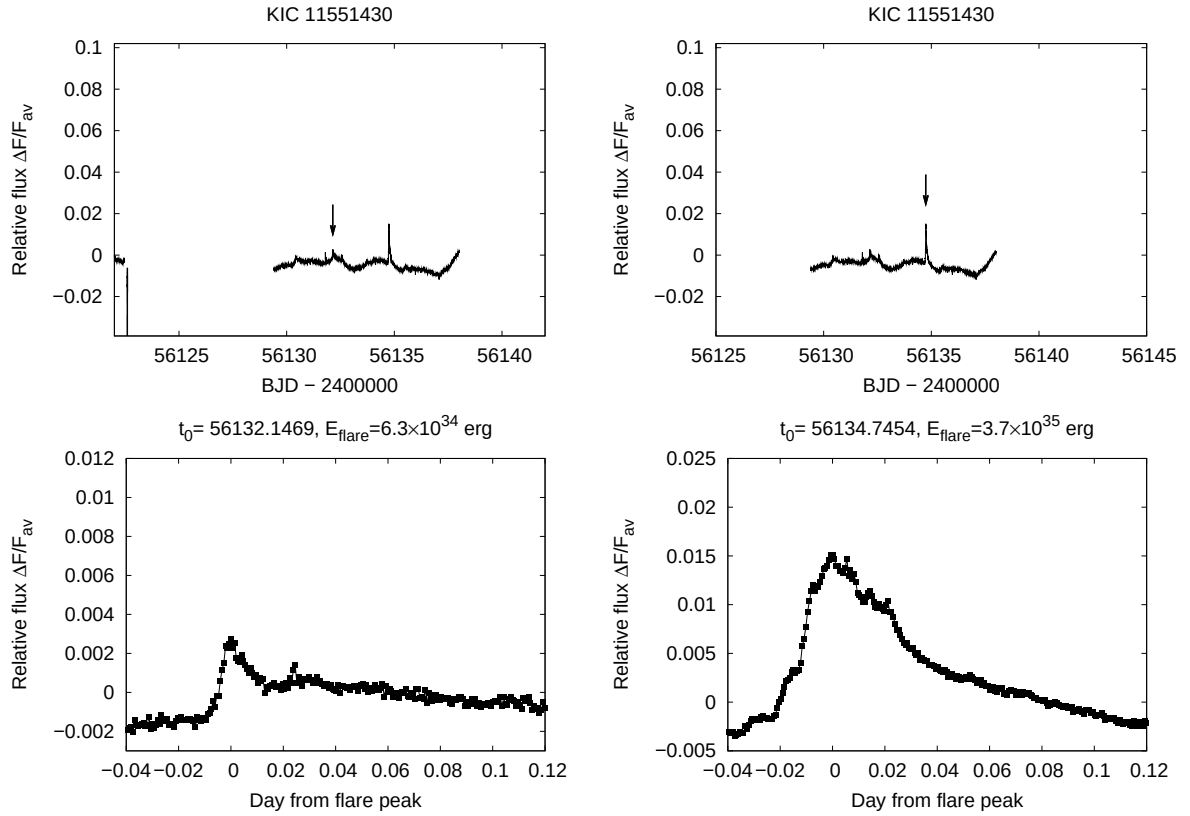


Figure 54: Light curves of each flare (cont.)

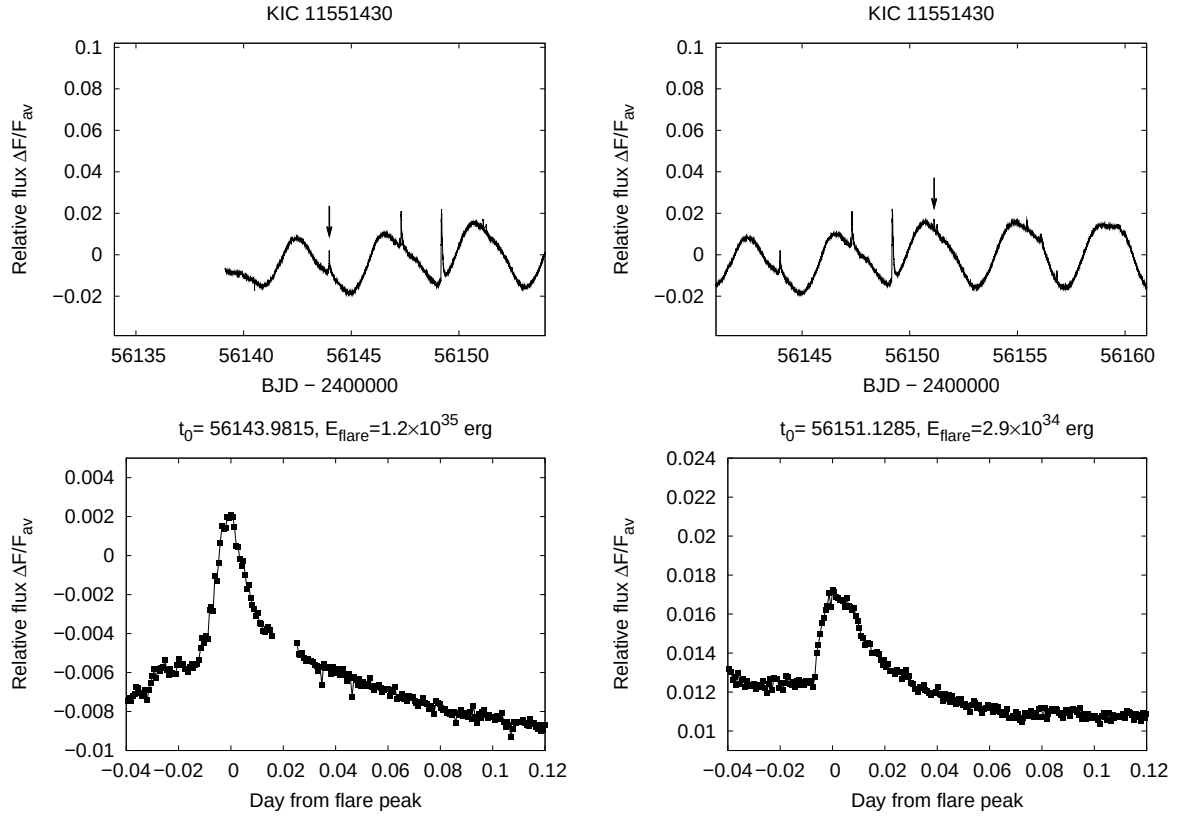


Figure 55: Light curves of each flare (cont.)

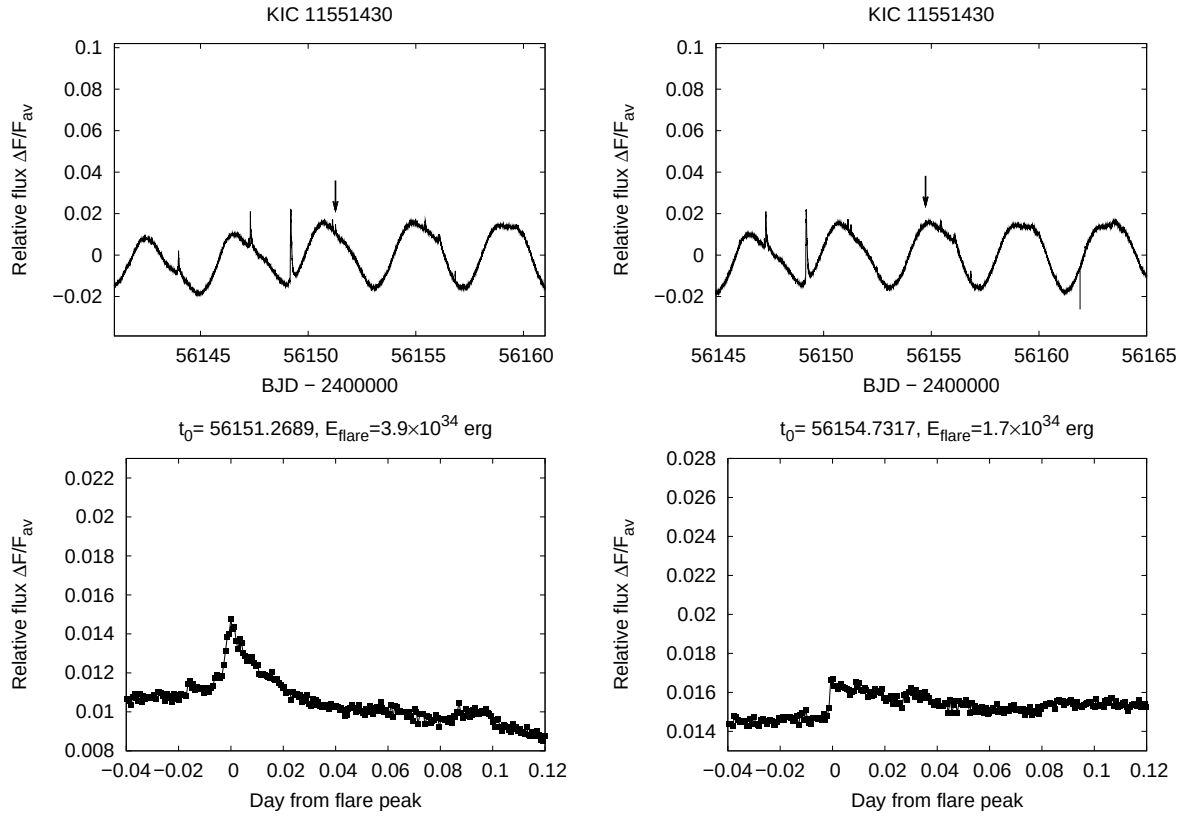


Figure 56: Light curves of each flare (cont.)

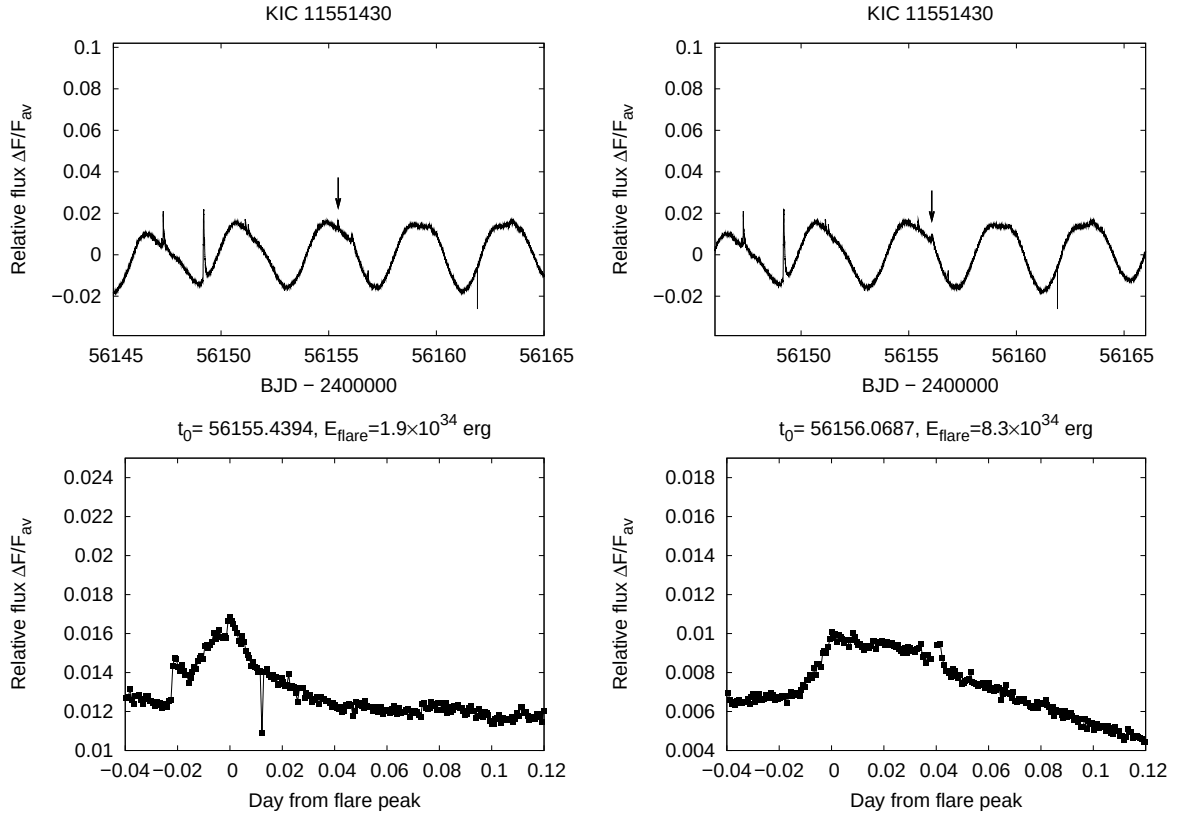


Figure 57: Light curves of each flare (cont.)

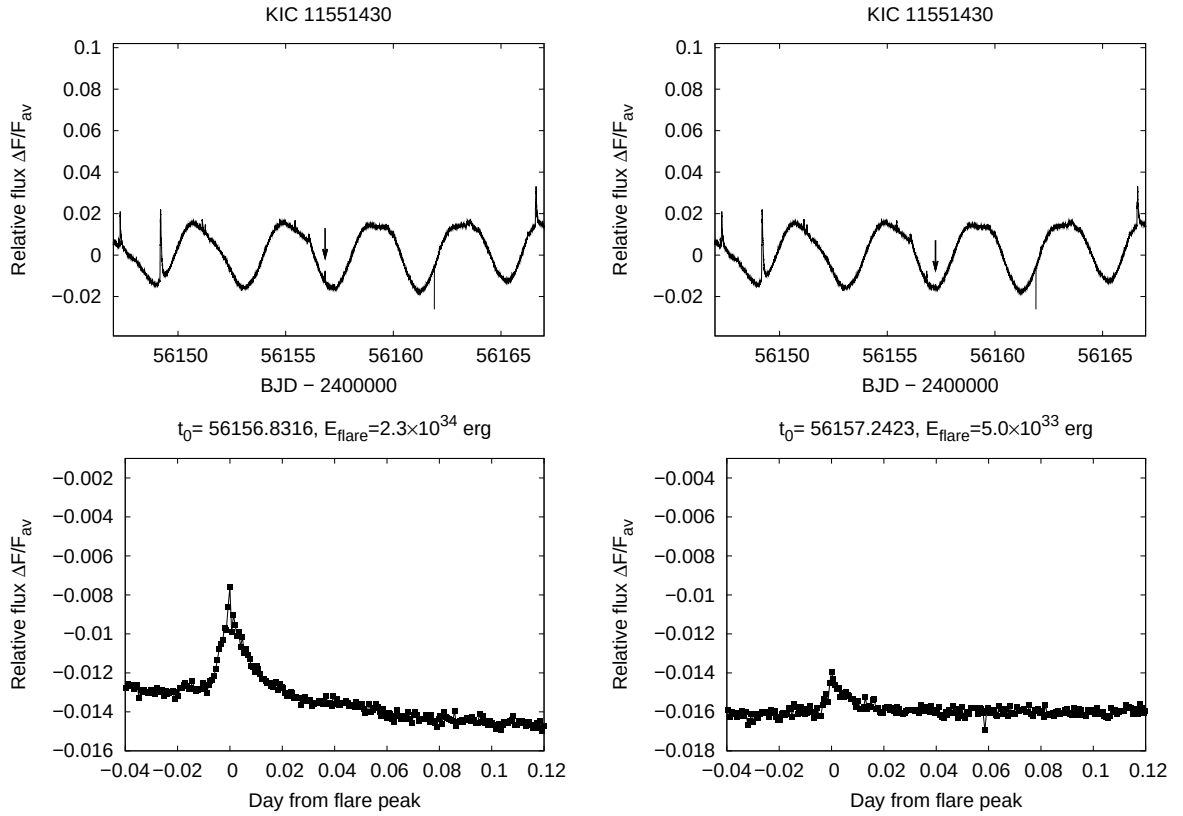


Figure 58: Light curves of each flare (cont.)

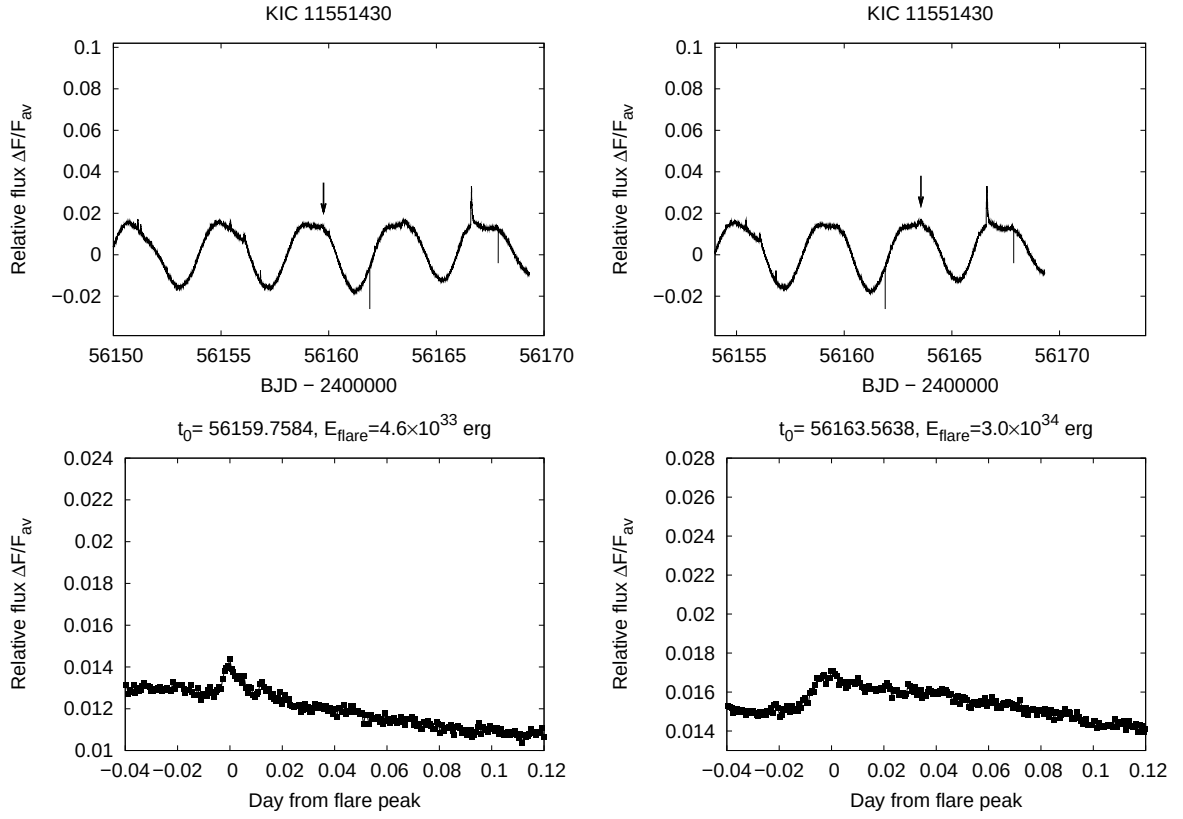


Figure 59: Light curves of each flare (cont.)

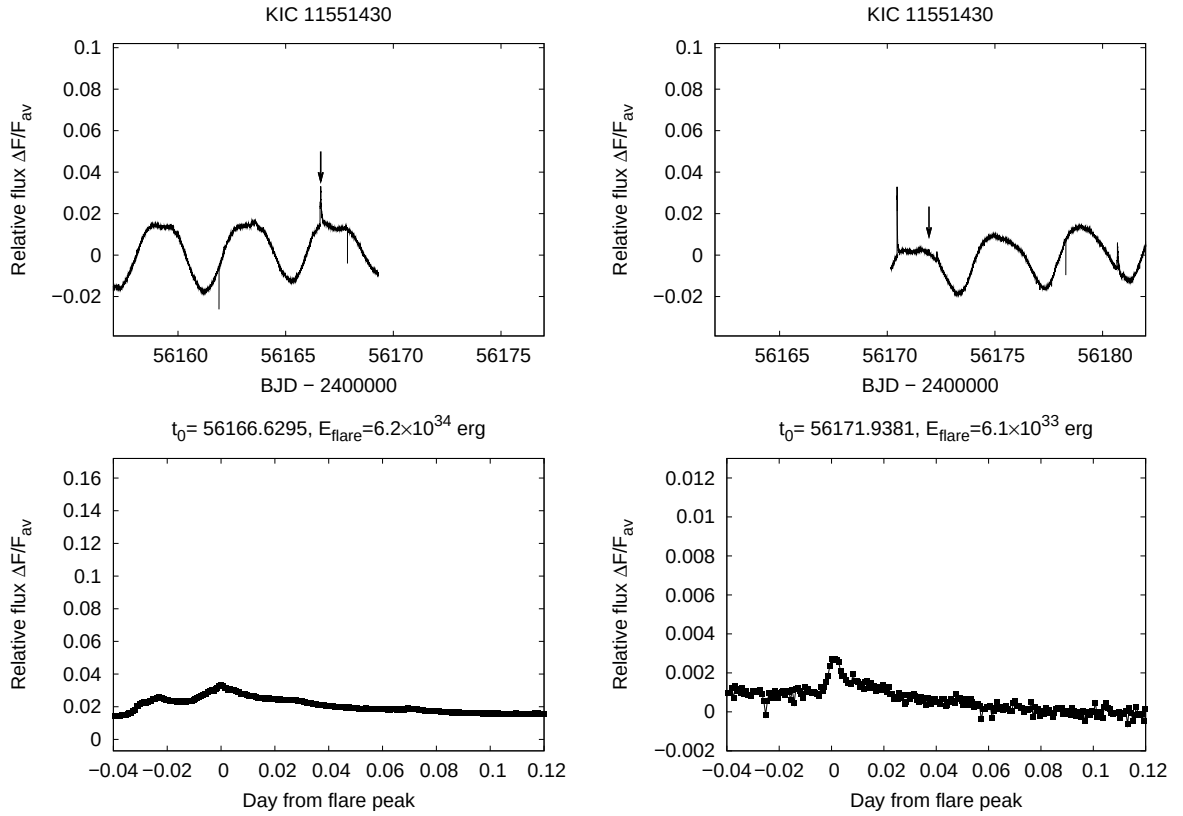


Figure 60: Light curves of each flare (cont.)

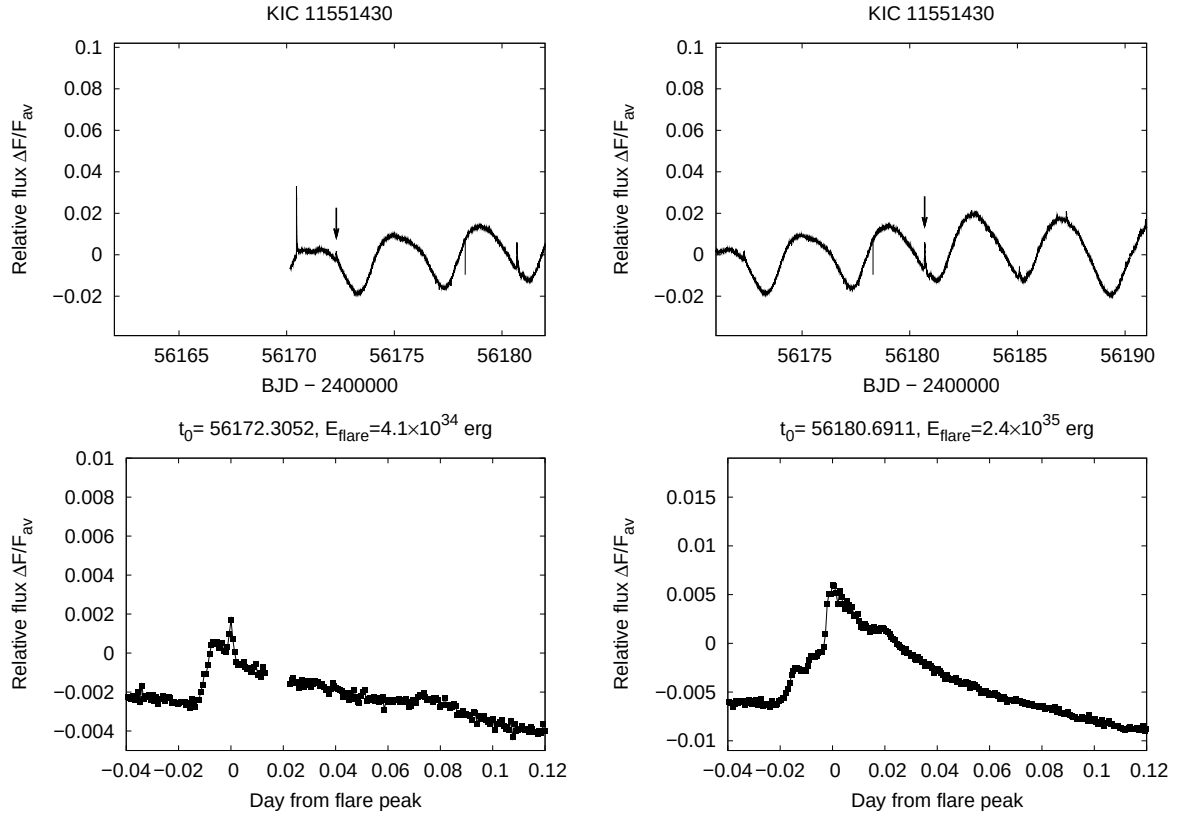


Figure 61: Light curves of each flare (cont.)

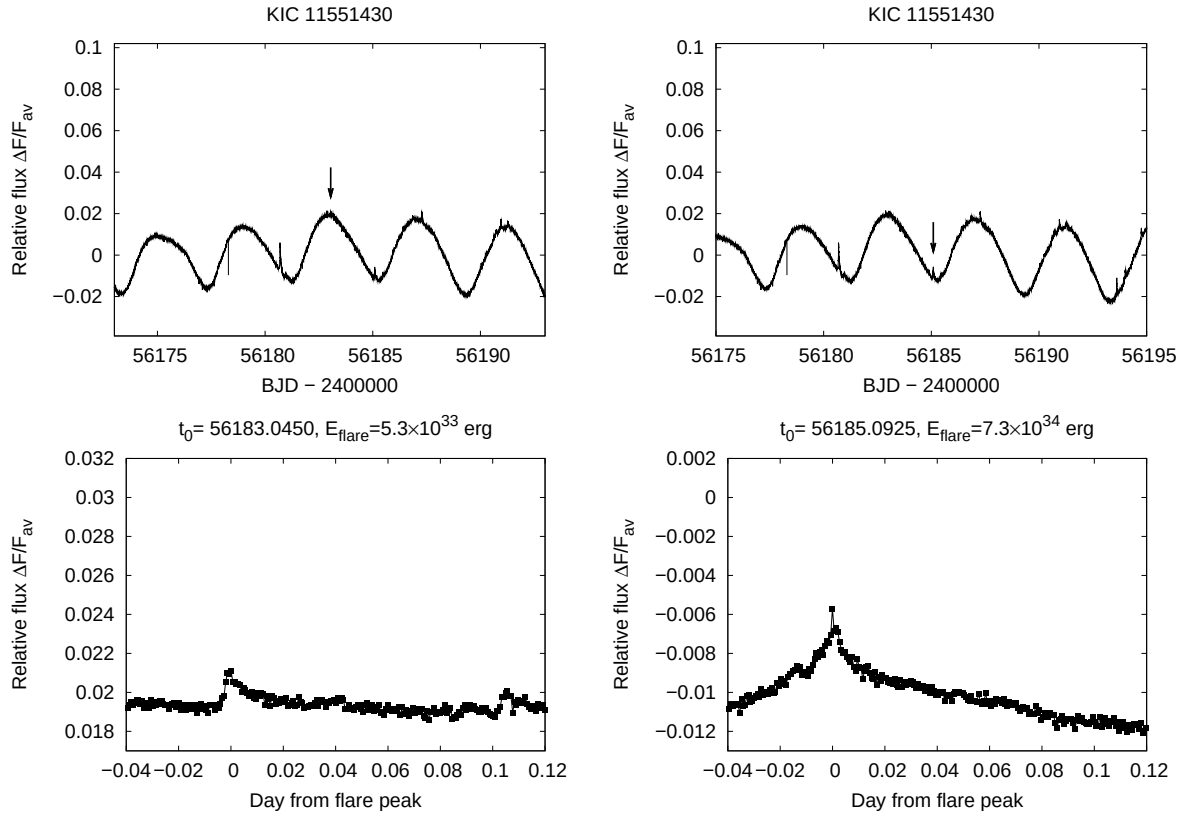


Figure 62: Light curves of each flare (cont.)

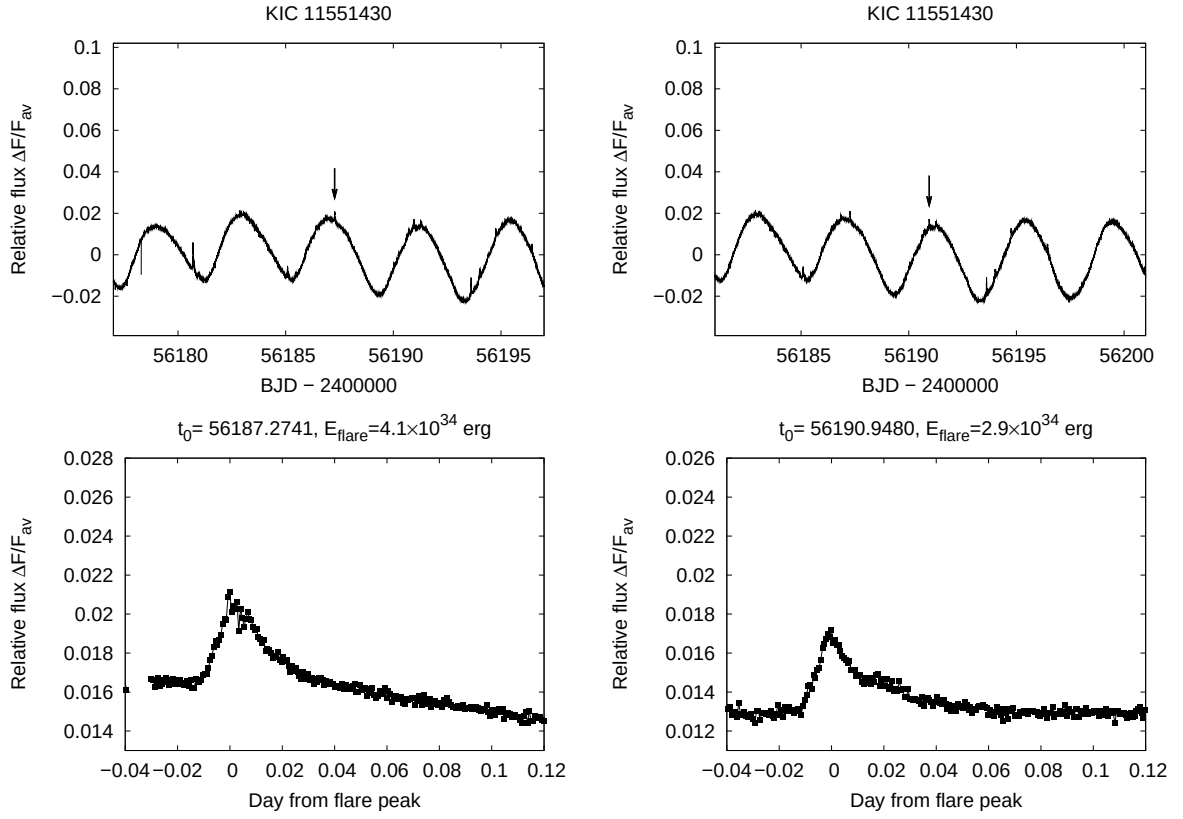


Figure 63: Light curves of each flare (cont.)

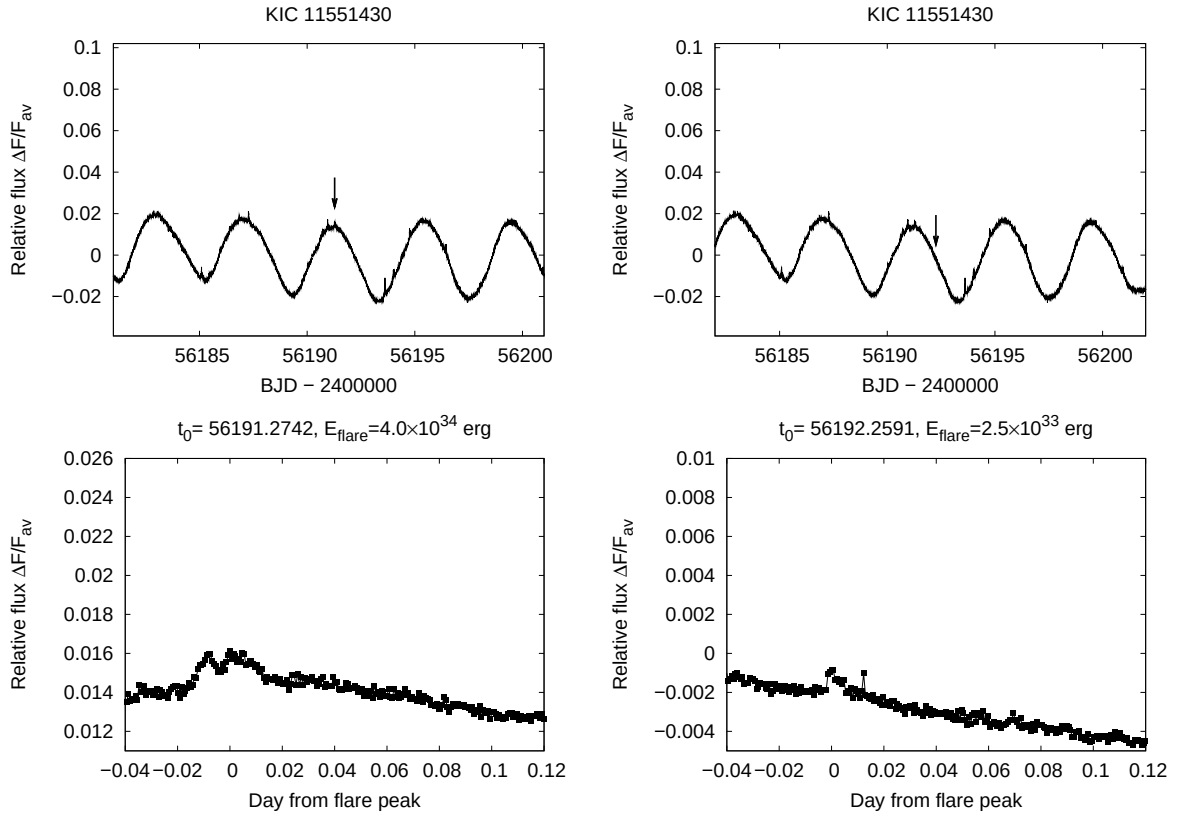


Figure 64: Light curves of each flare (cont.)

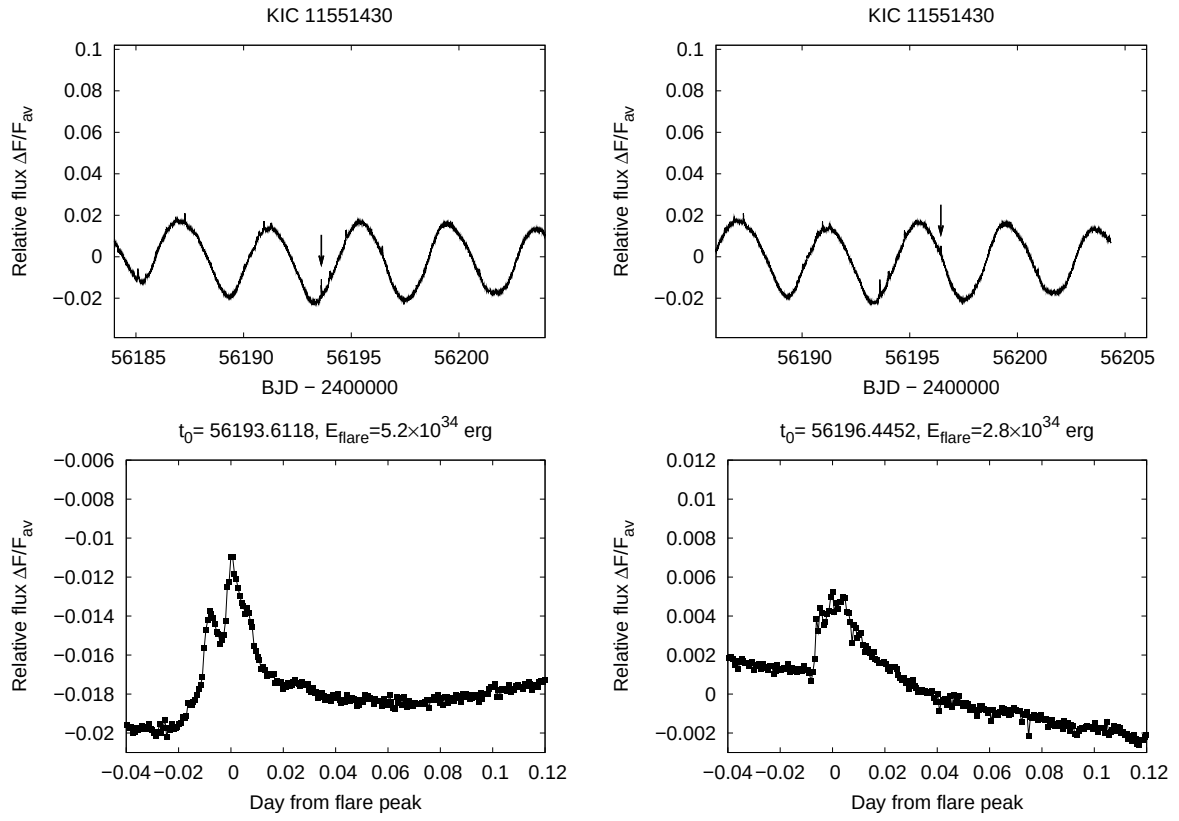


Figure 65: Light curves of each flare (cont.)

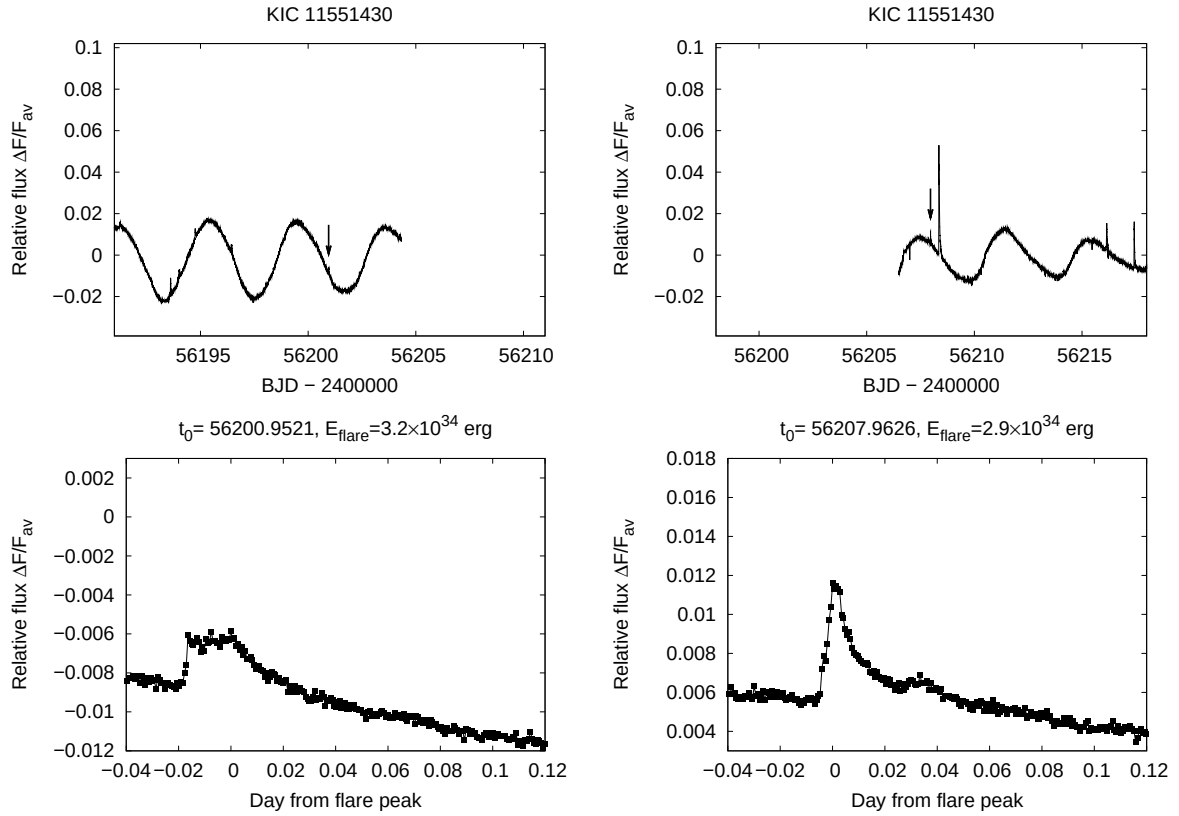


Figure 66: Light curves of each flare (cont.)

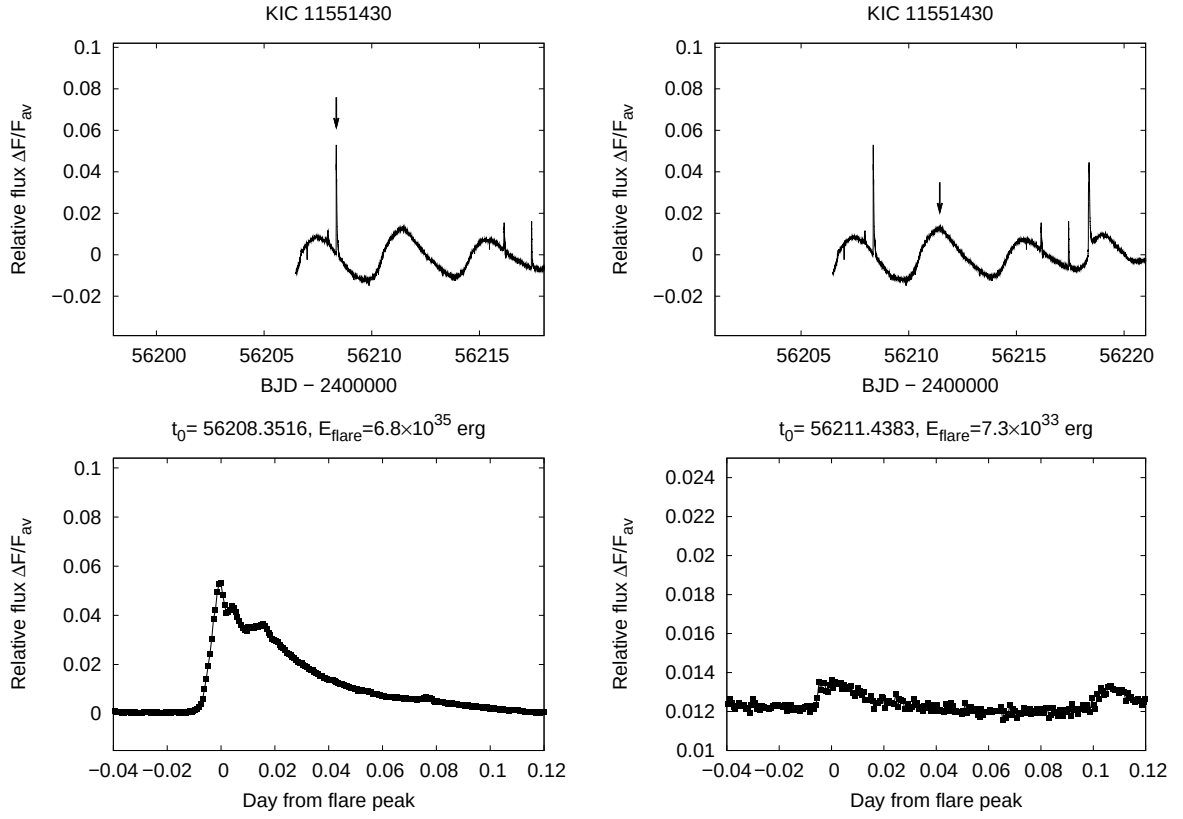


Figure 67: Light curves of each flare (cont.)

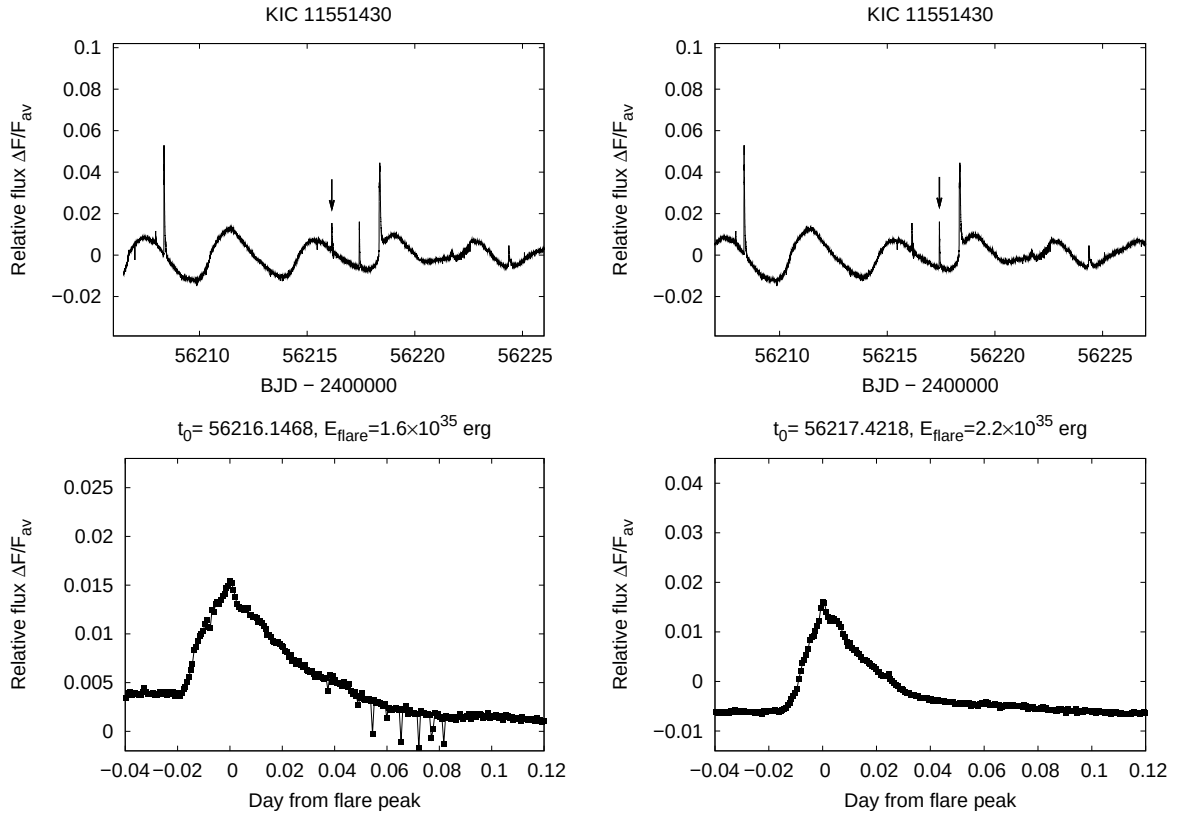


Figure 68: Light curves of each flare (cont.)

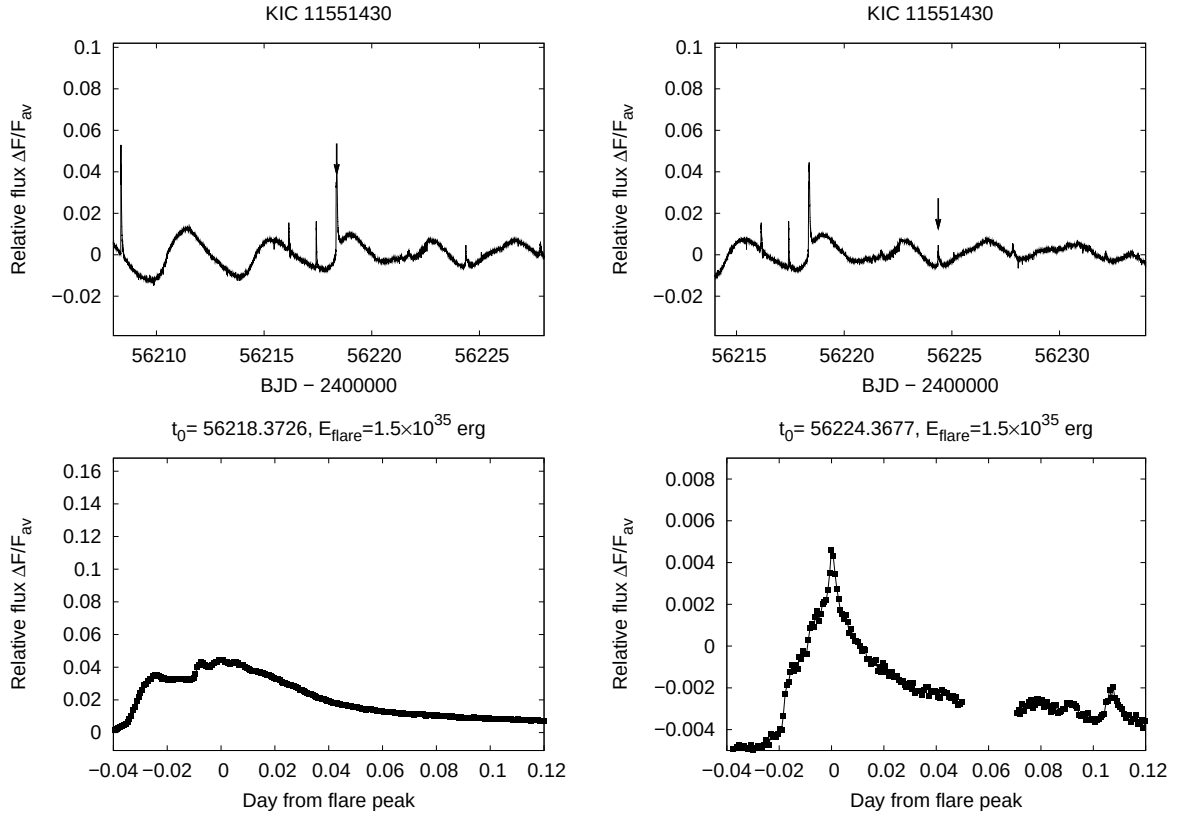


Figure 69: Light curves of each flare (cont.)

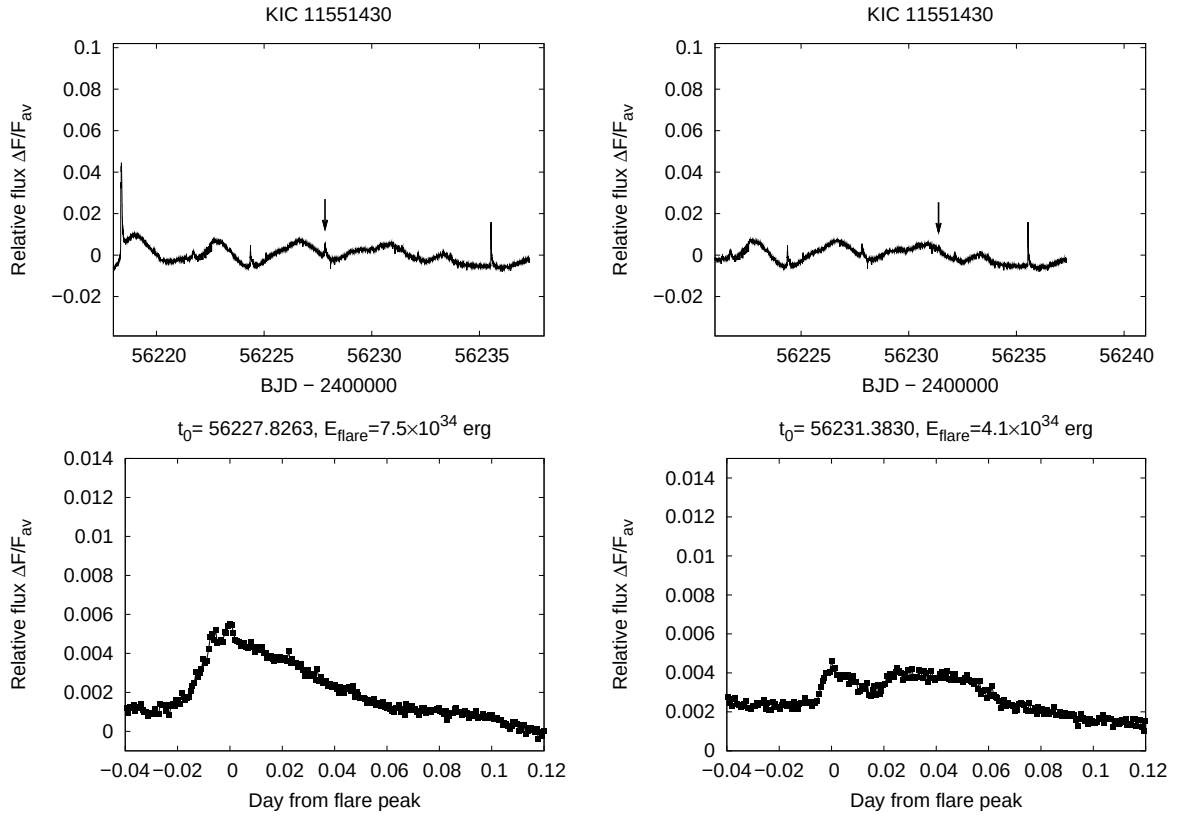


Figure 70: Light curves of each flare (cont.)

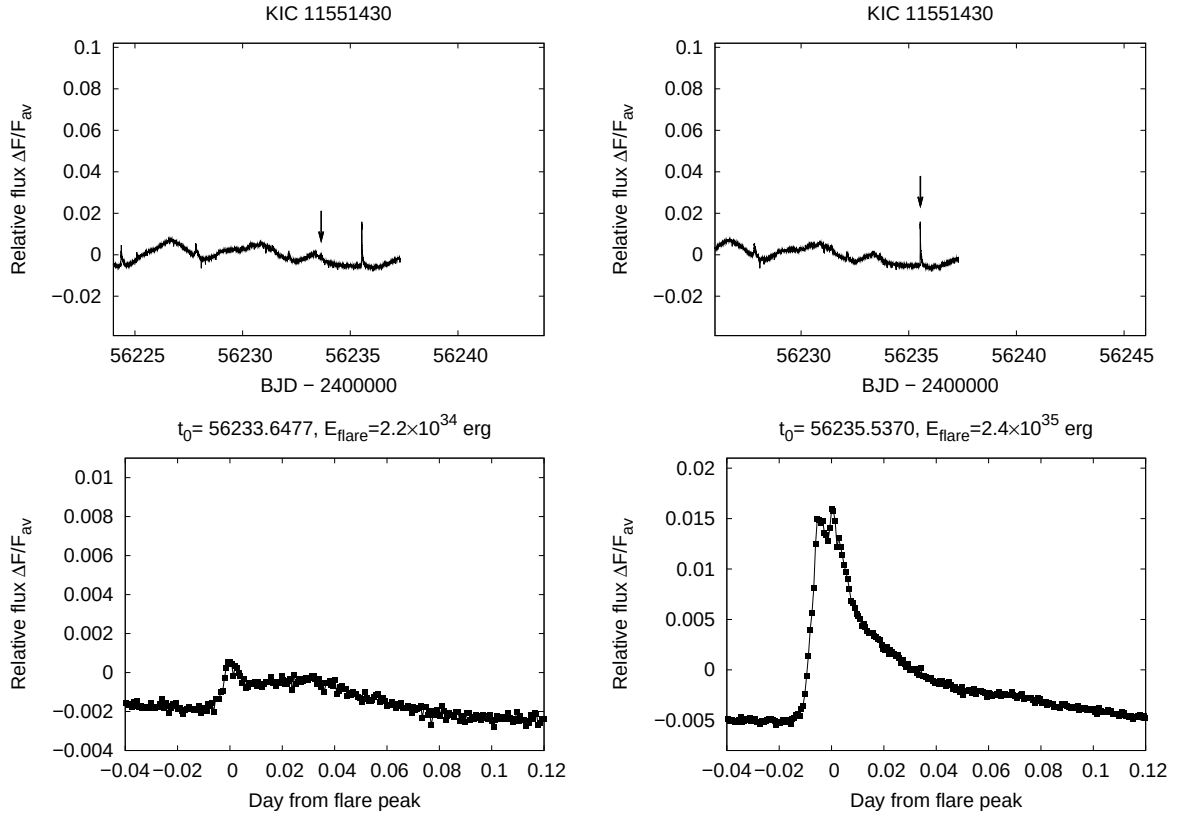


Figure 71: Light curves of each flare (cont.)

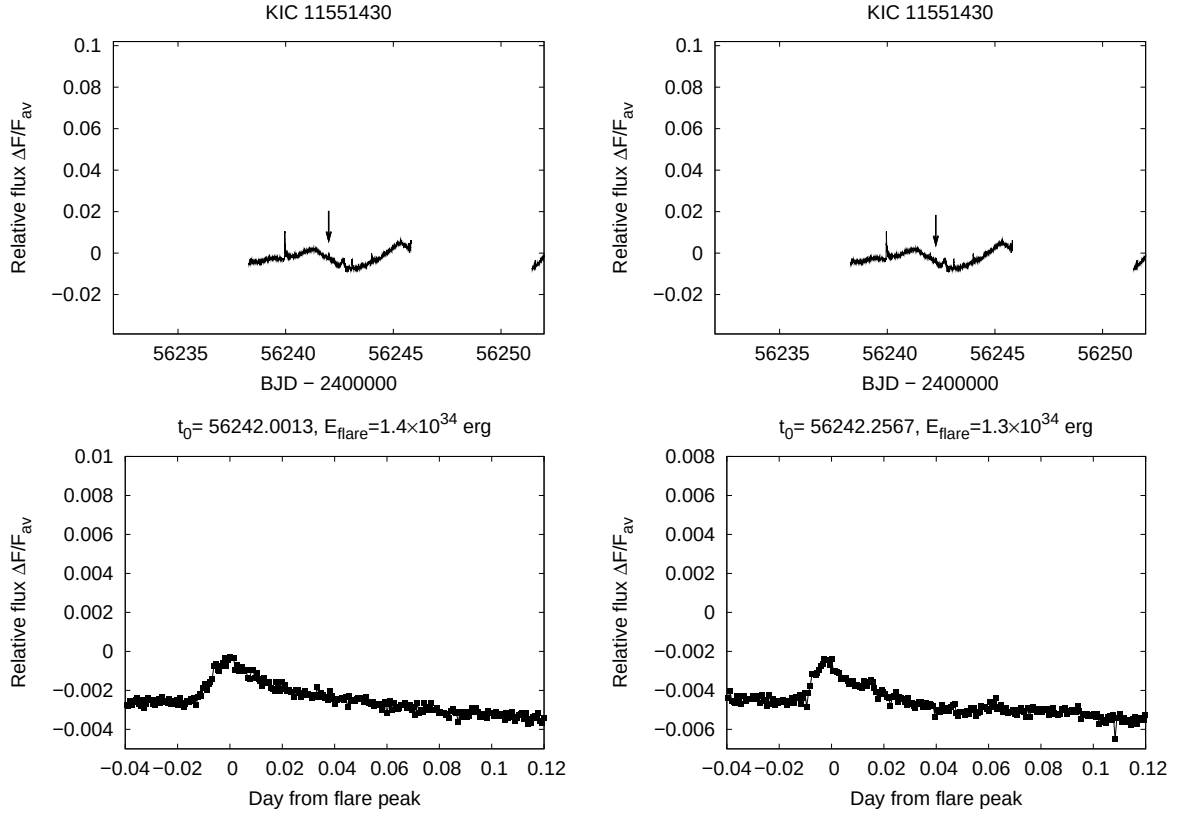


Figure 72: Light curves of each flare (cont.)

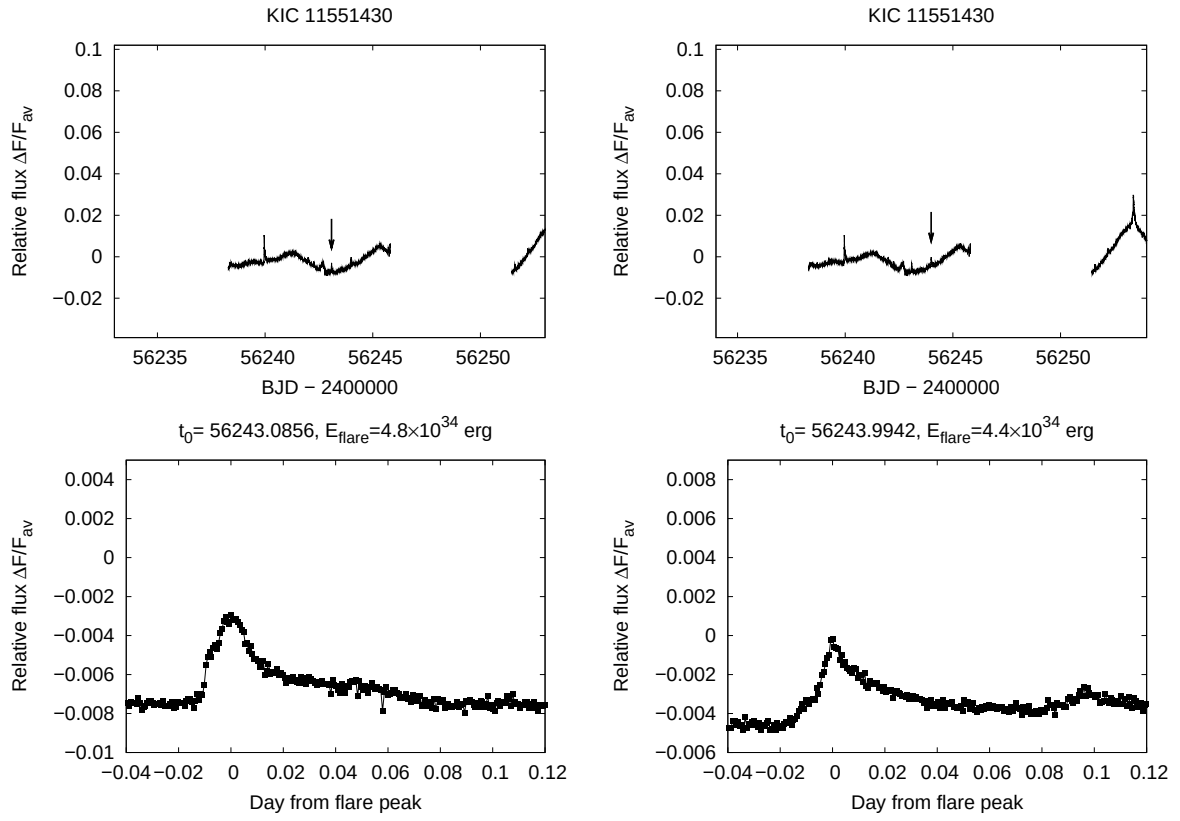


Figure 73: Light curves of each flare (cont.)

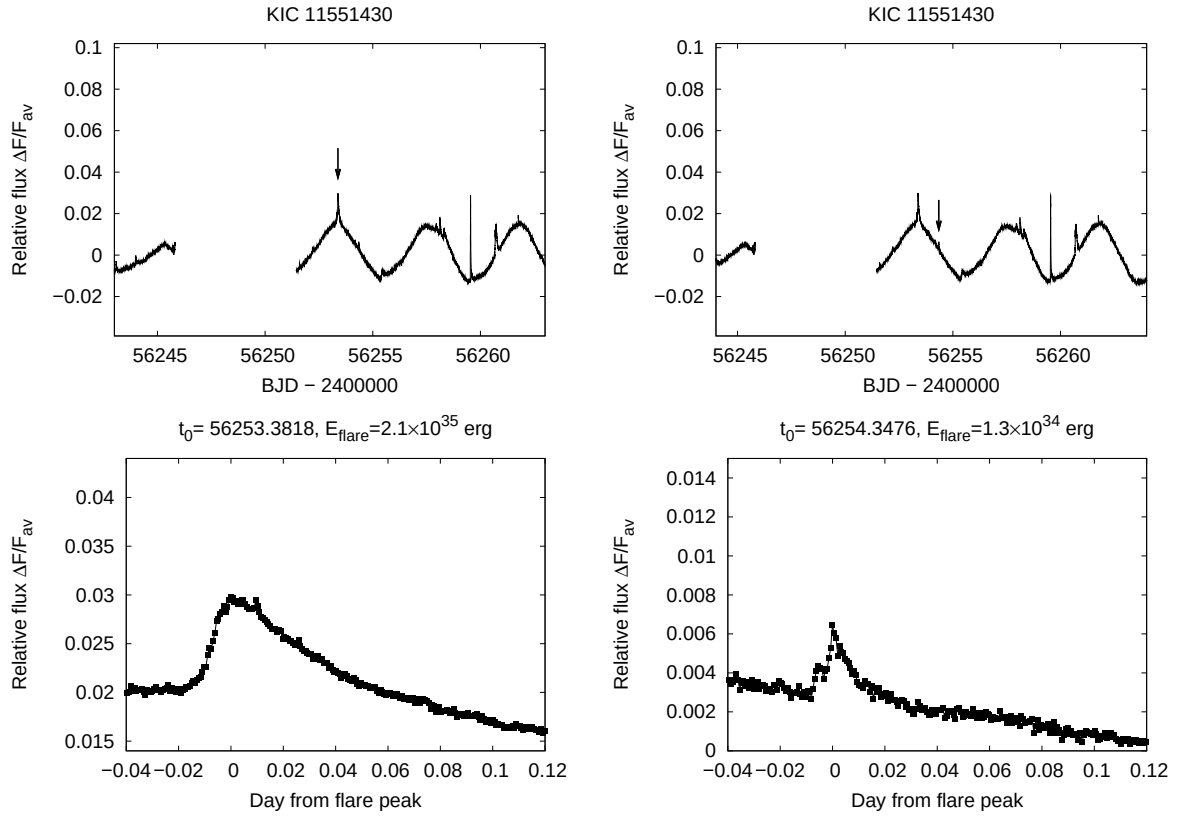


Figure 74: Light curves of each flare (cont.)

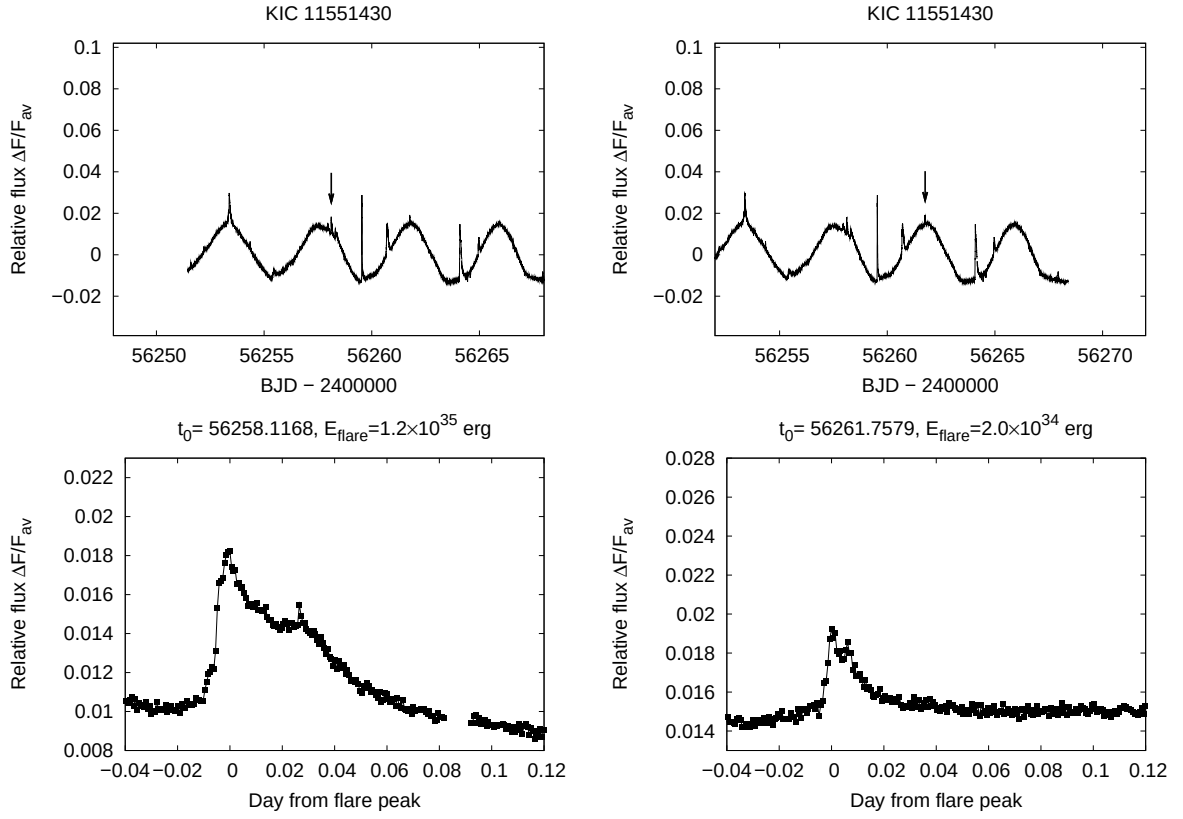


Figure 75: Light curves of each flare (cont.)

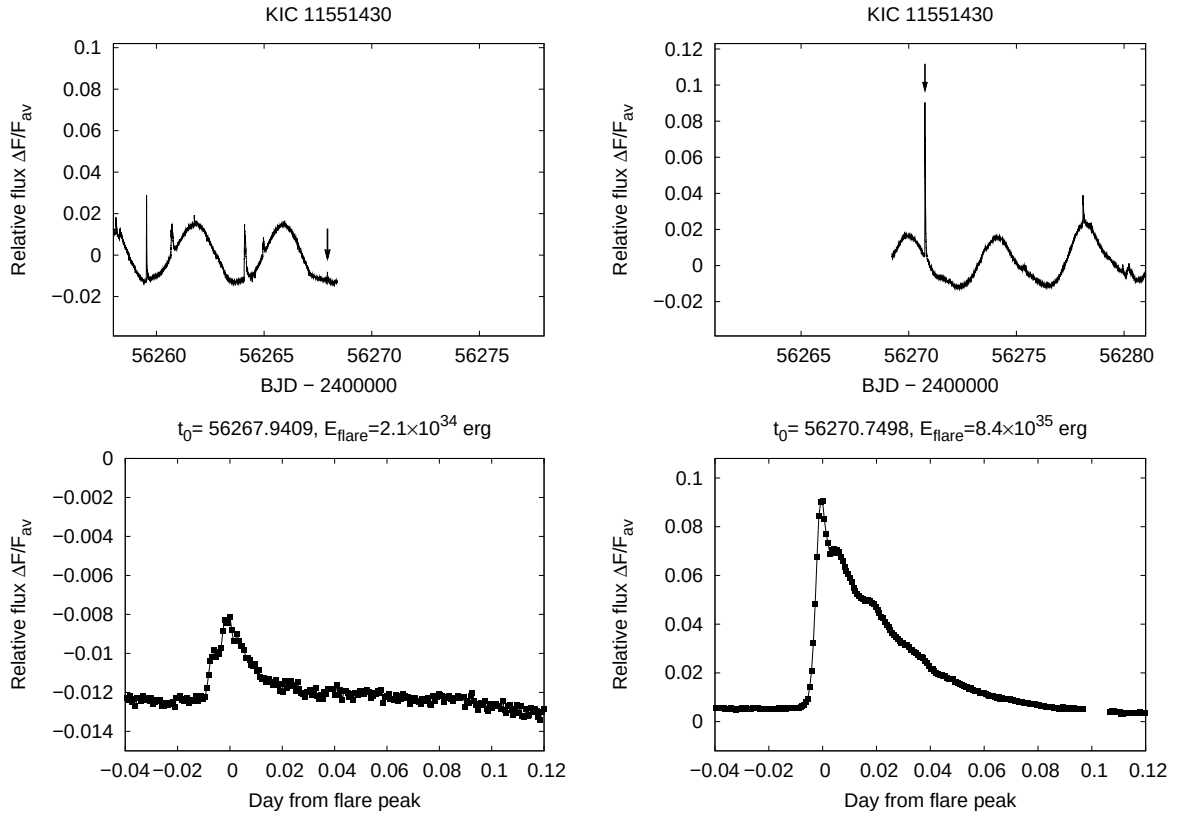


Figure 76: Light curves of each flare (cont.)

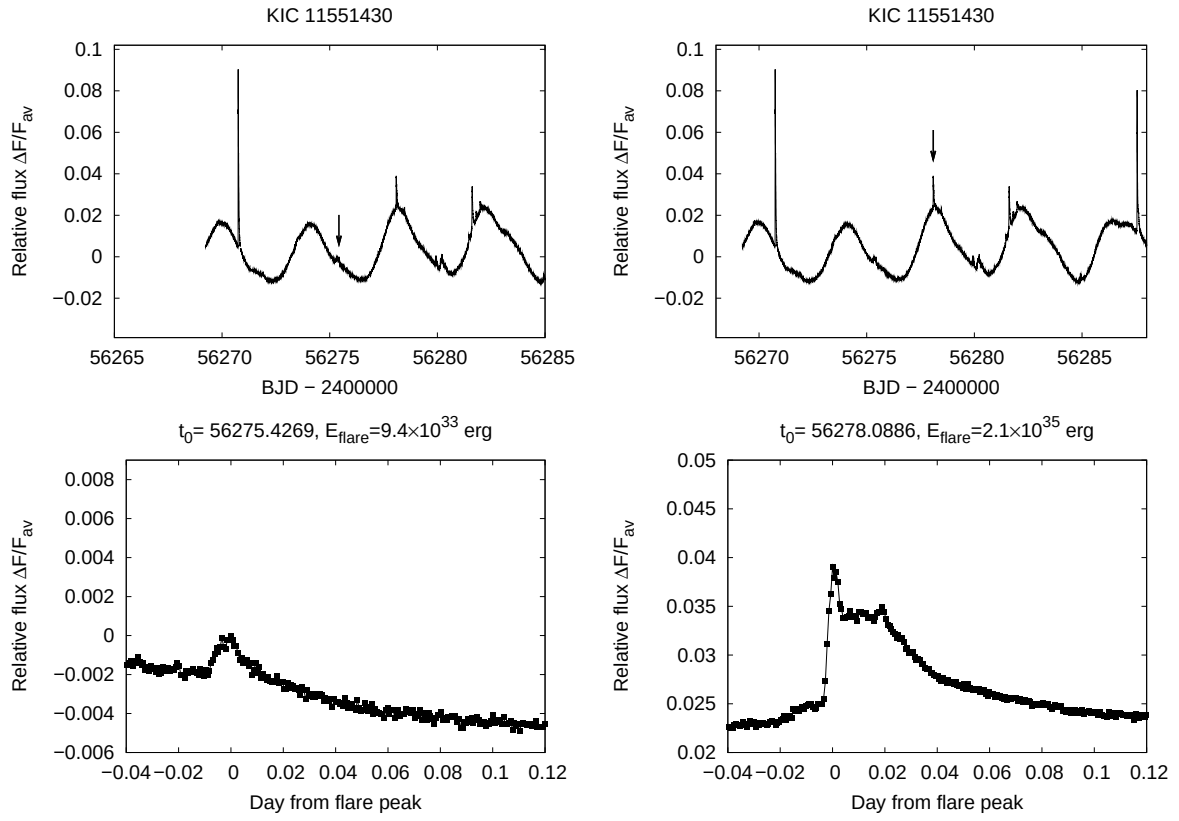


Figure 77: Light curves of each flare (cont.)

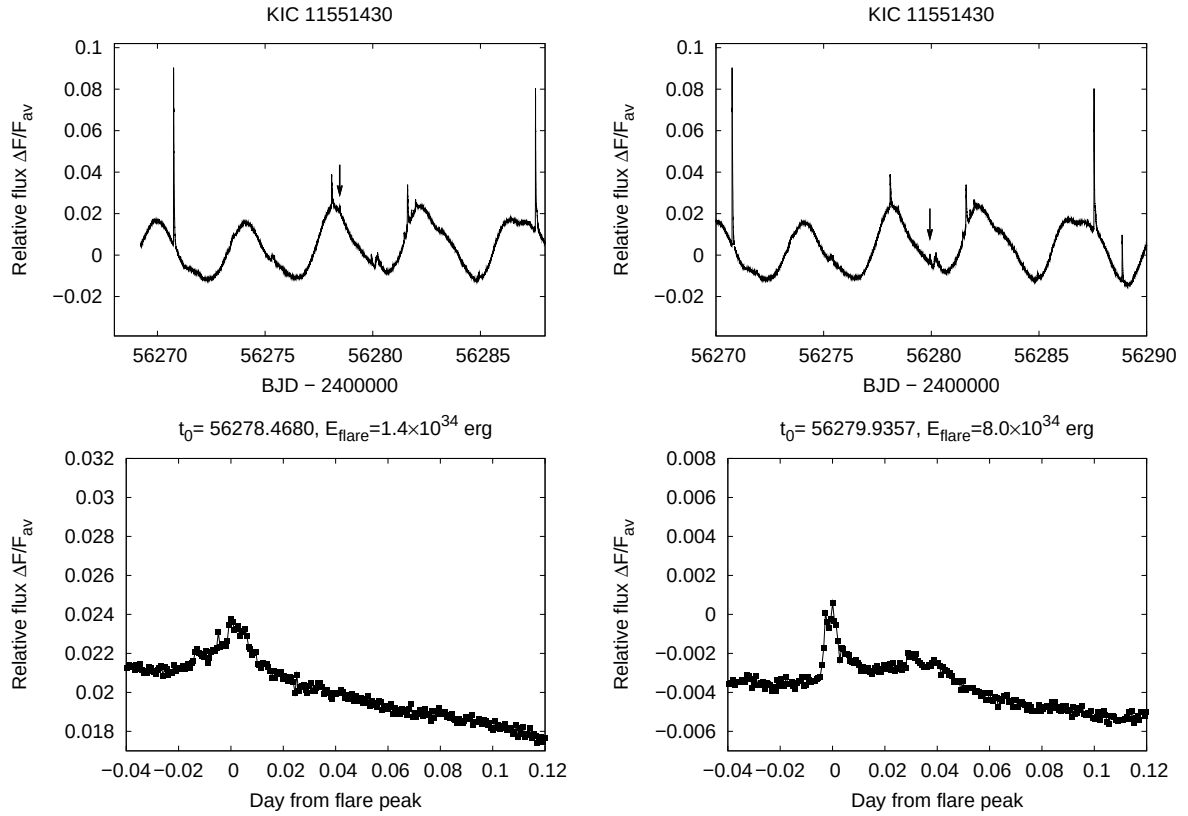


Figure 78: Light curves of each flare (cont.)

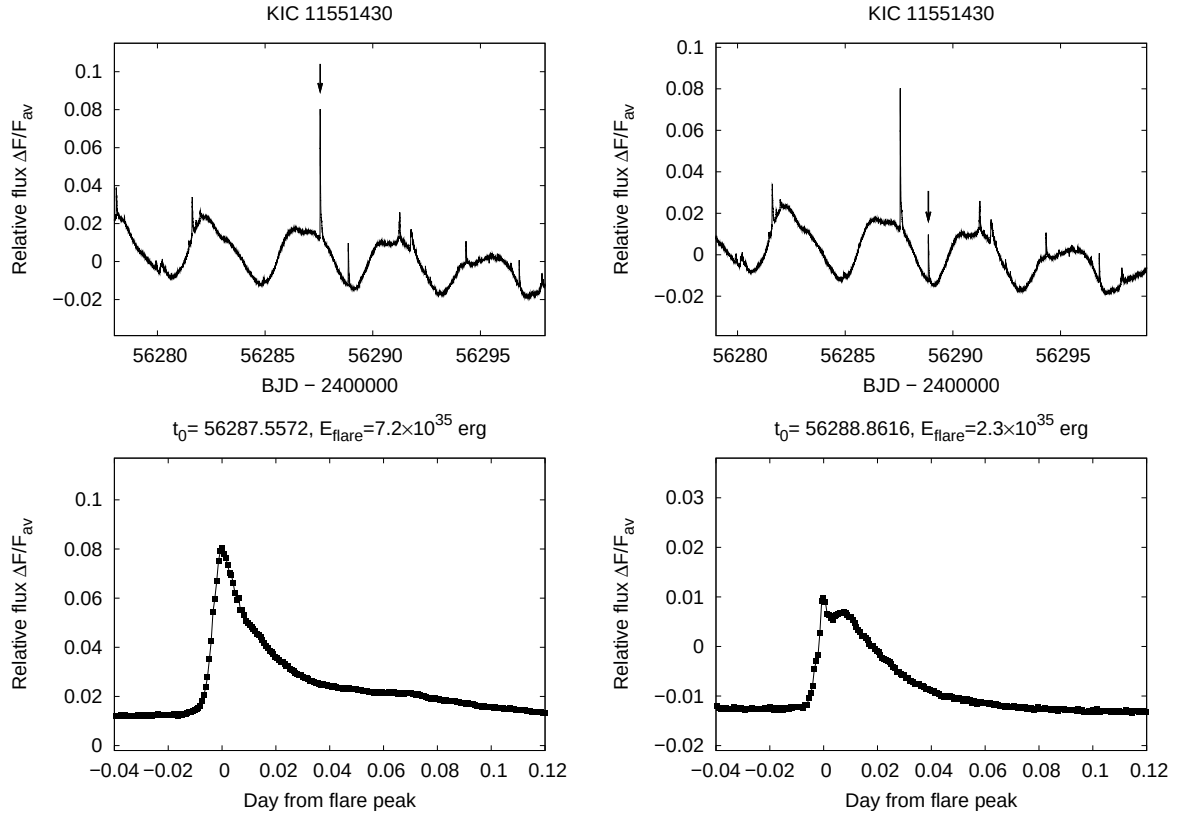


Figure 79: Light curves of each flare (cont.)

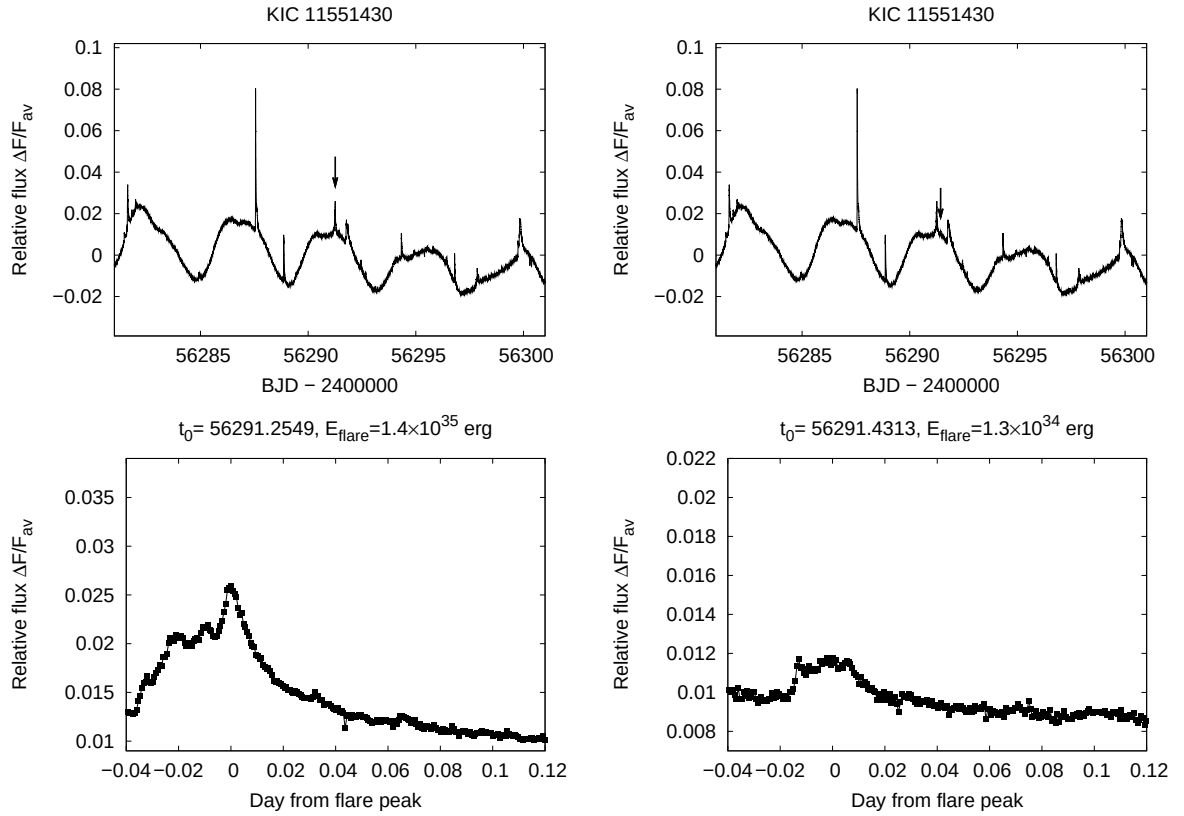


Figure 80: Light curves of each flare (cont.)

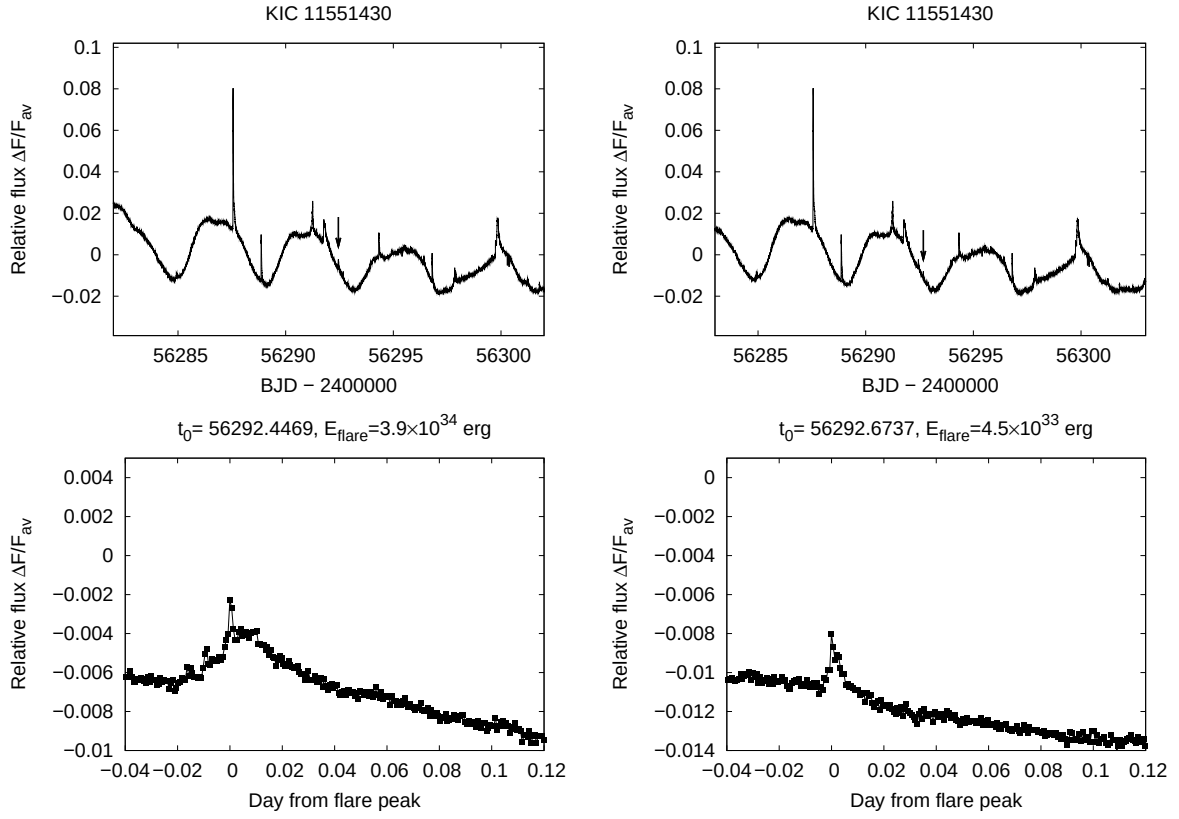


Figure 81: Light curves of each flare (cont.)

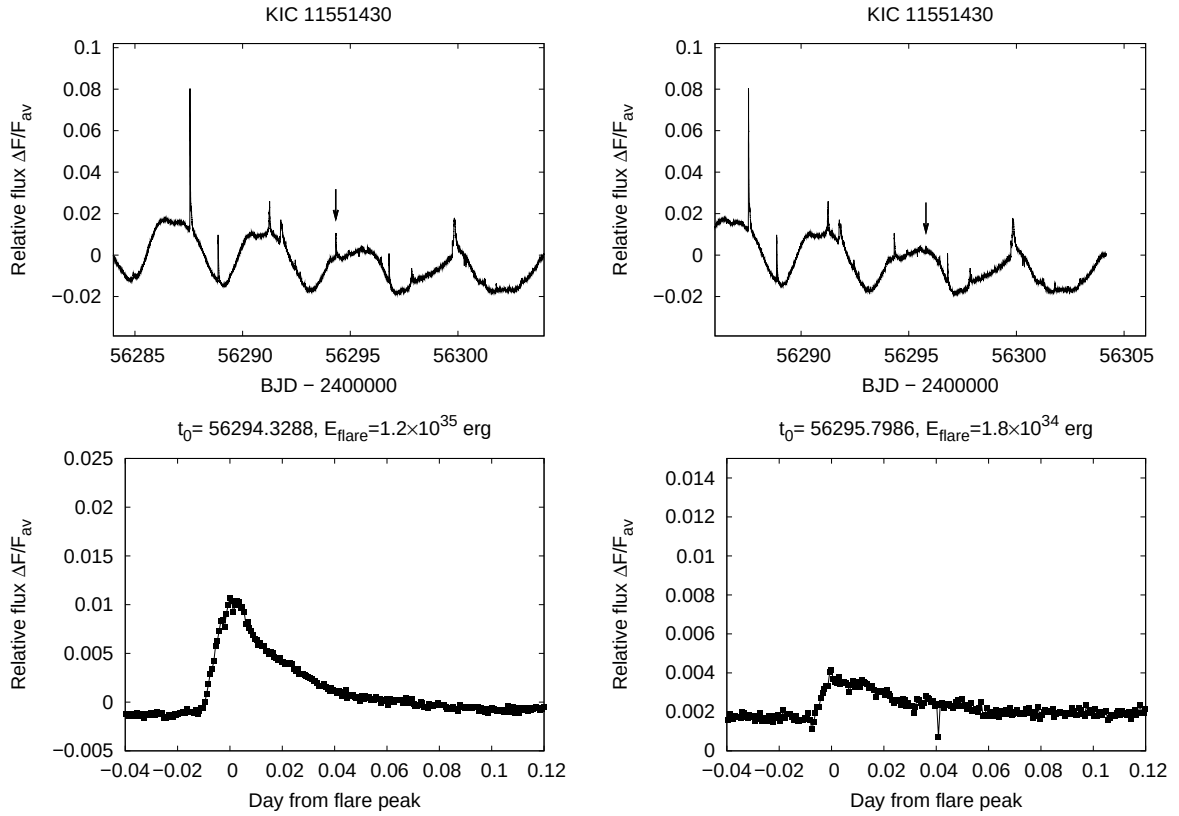


Figure 82: Light curves of each flare (cont.)

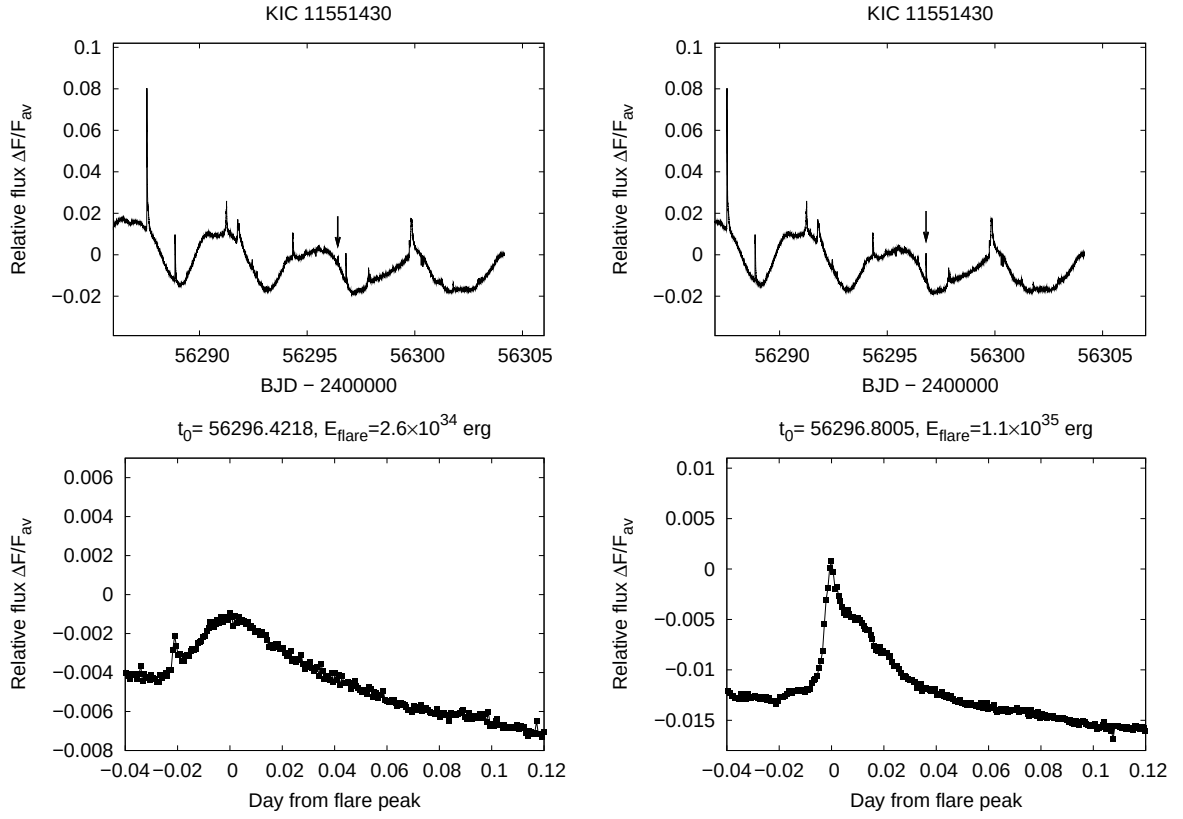


Figure 83: Light curves of each flare (cont.)

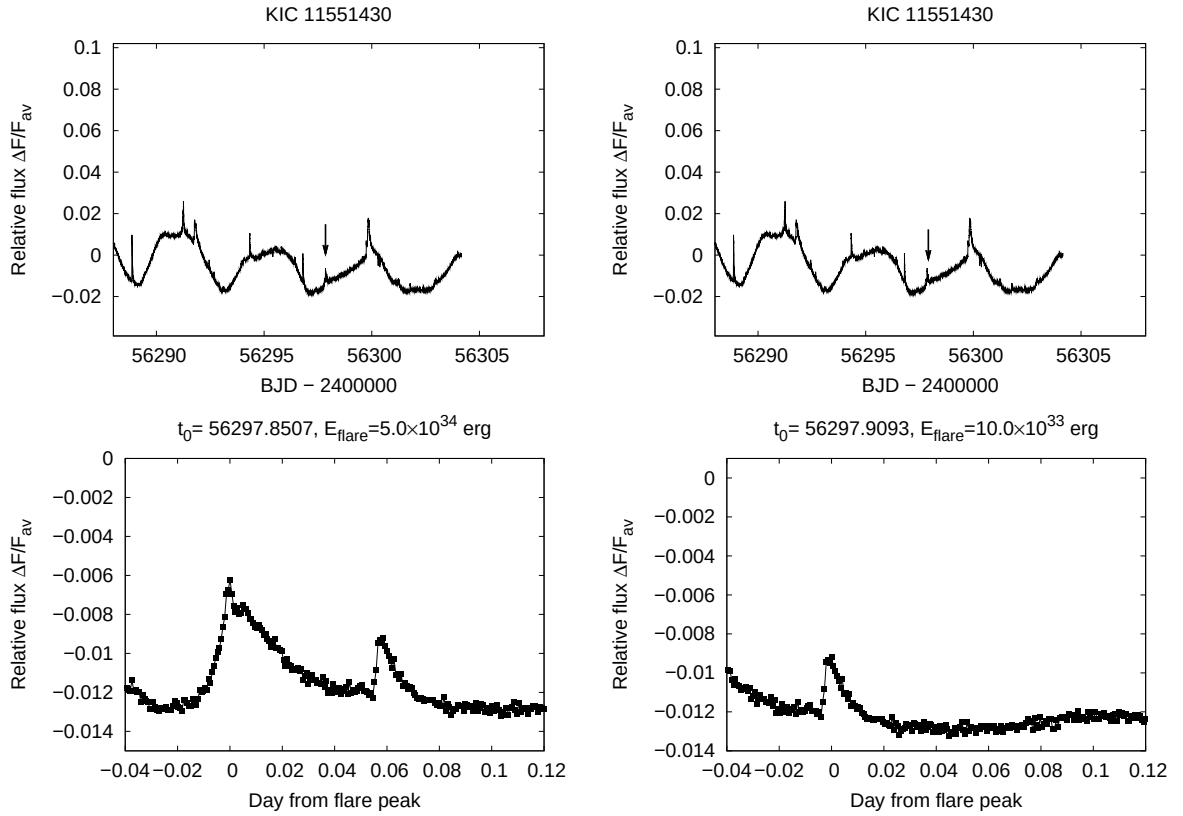


Figure 84: Light curves of each flare (cont.)

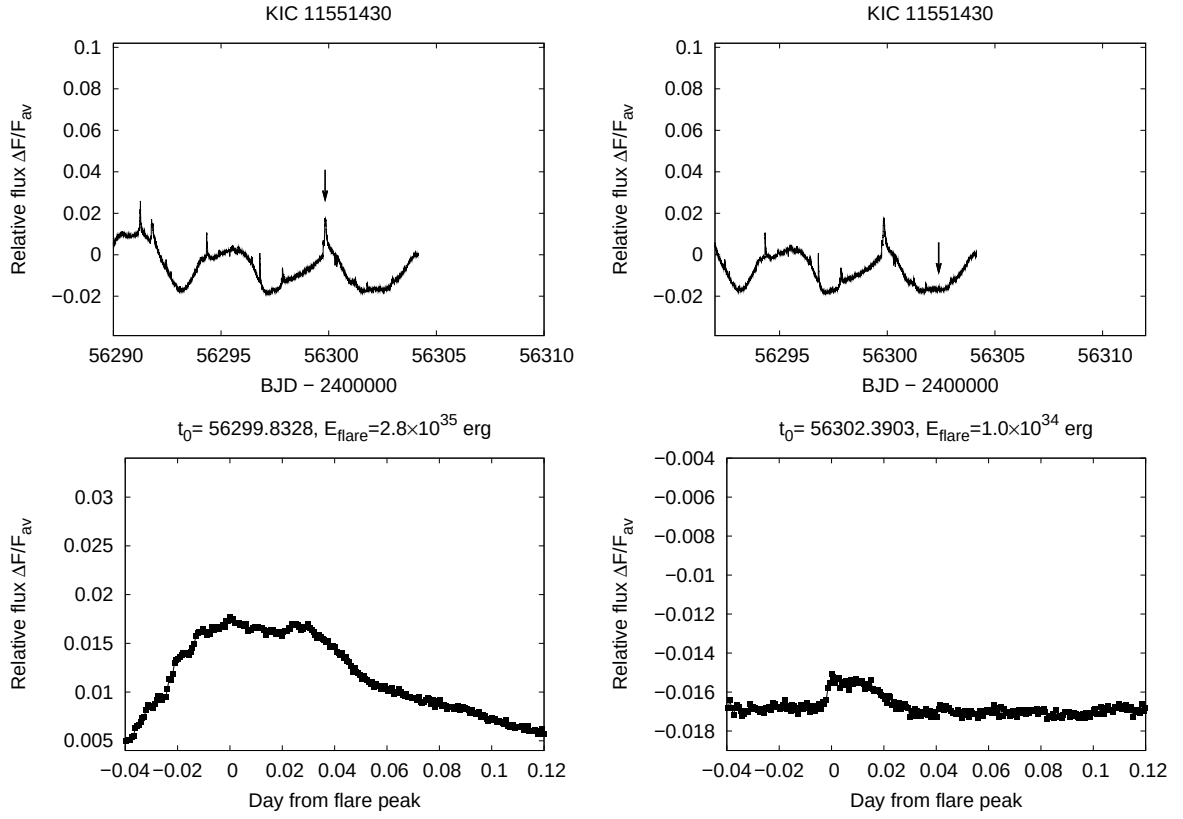


Figure 85: Light curves of each flare (cont.)

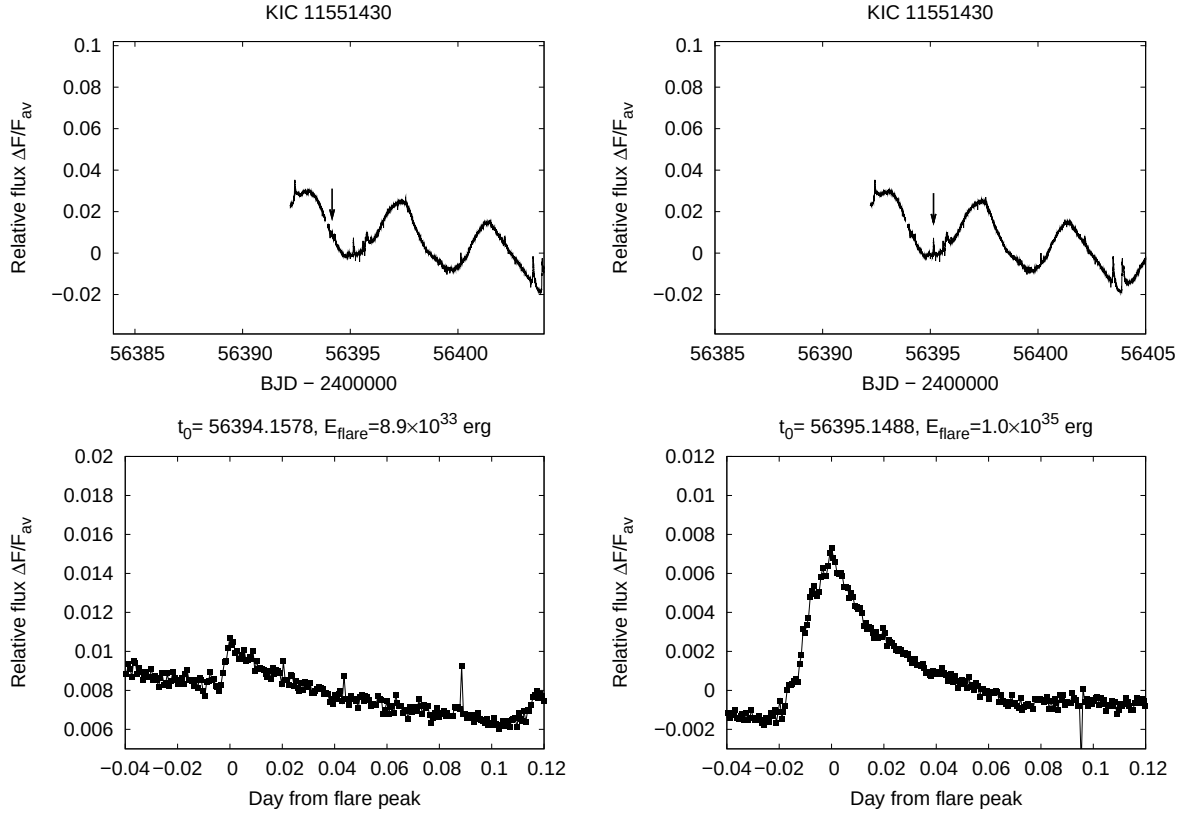


Figure 86: Light curves of each flare (cont.)

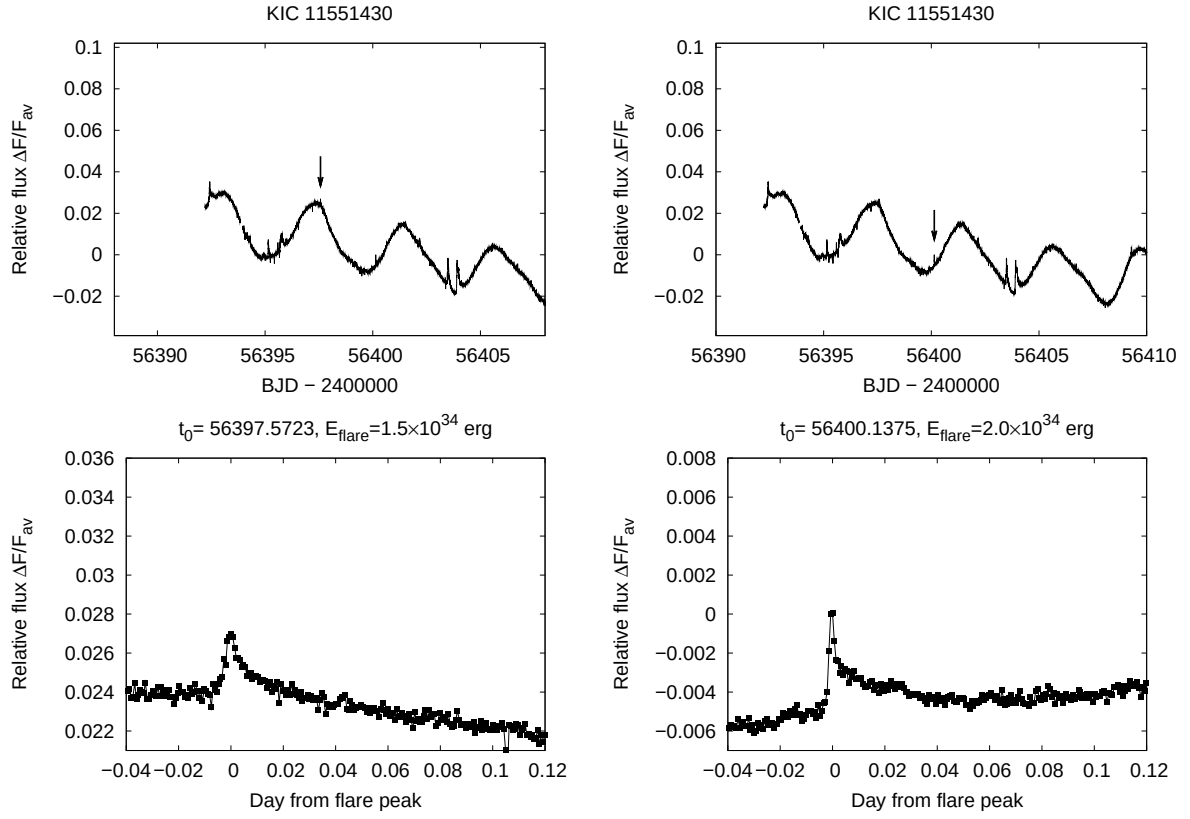


Figure 87: Light curves of each flare (cont.)

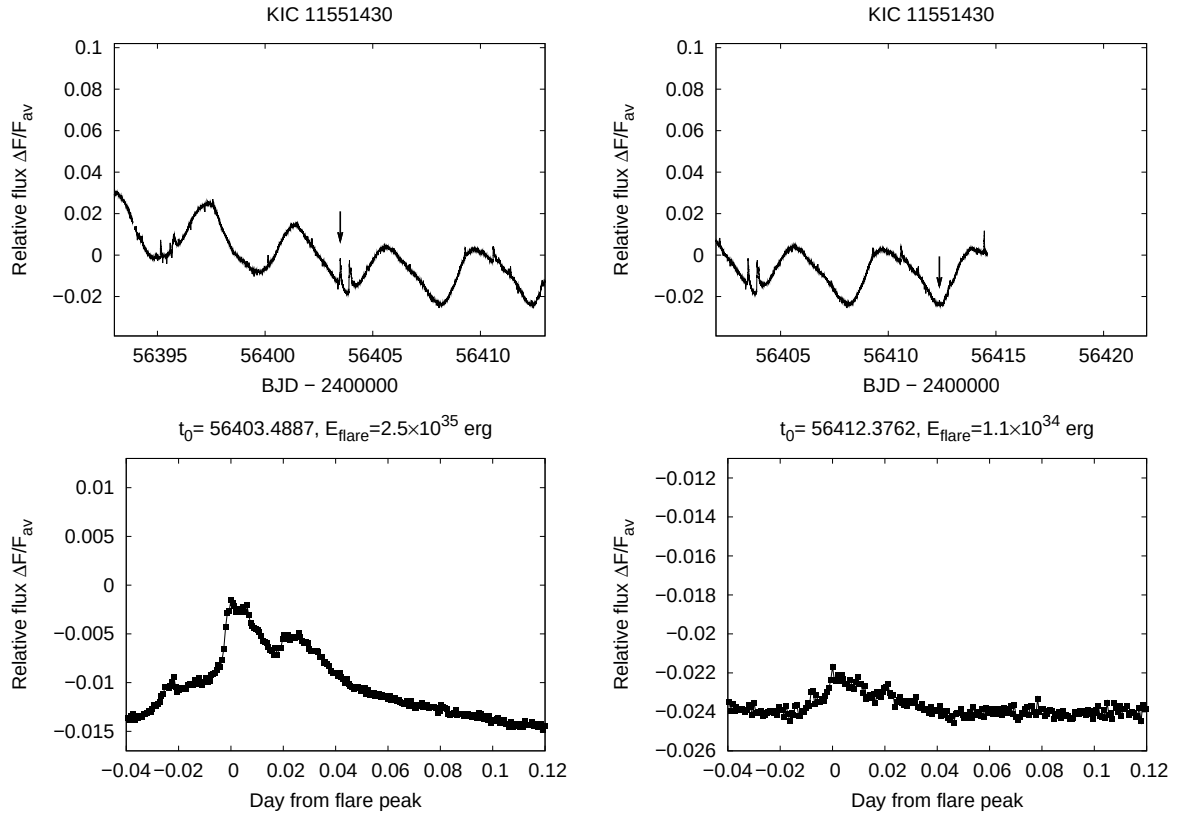


Figure 88: Light curves of each flare (cont.)

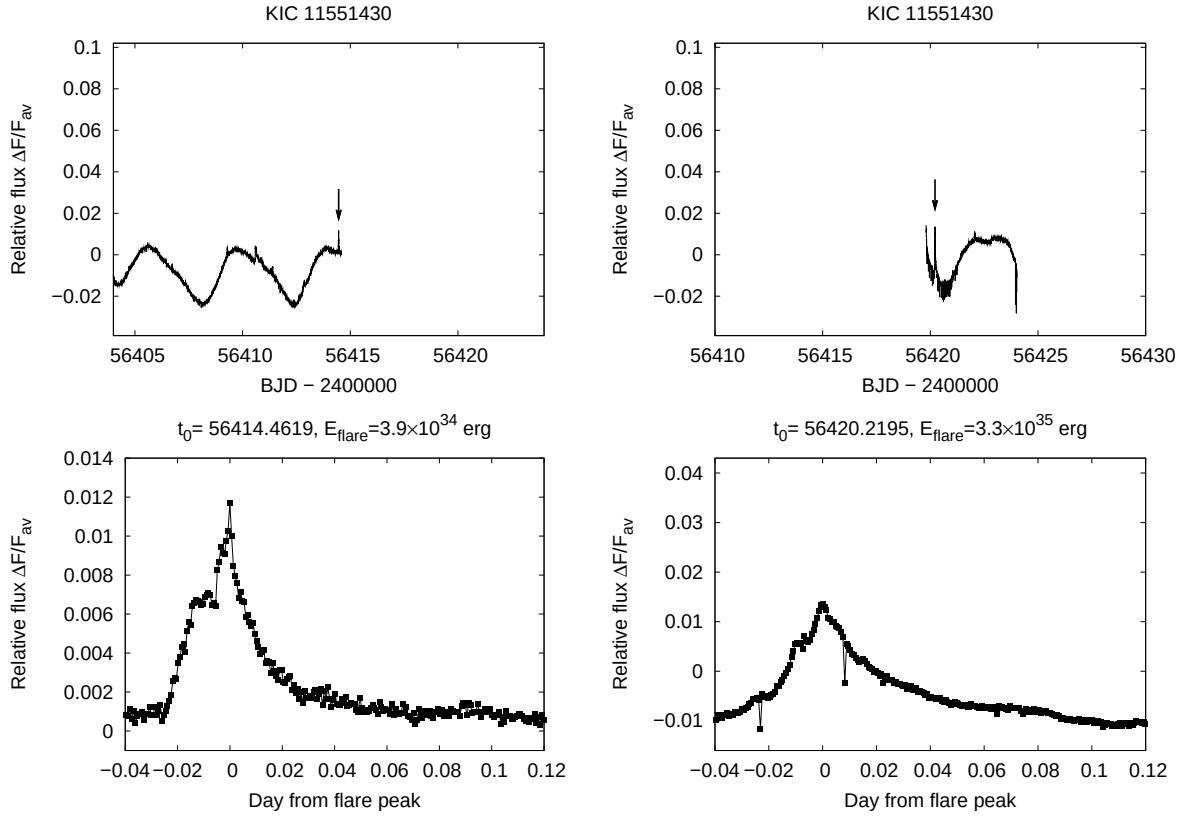


Figure 89: Light curves of each flare (cont.)

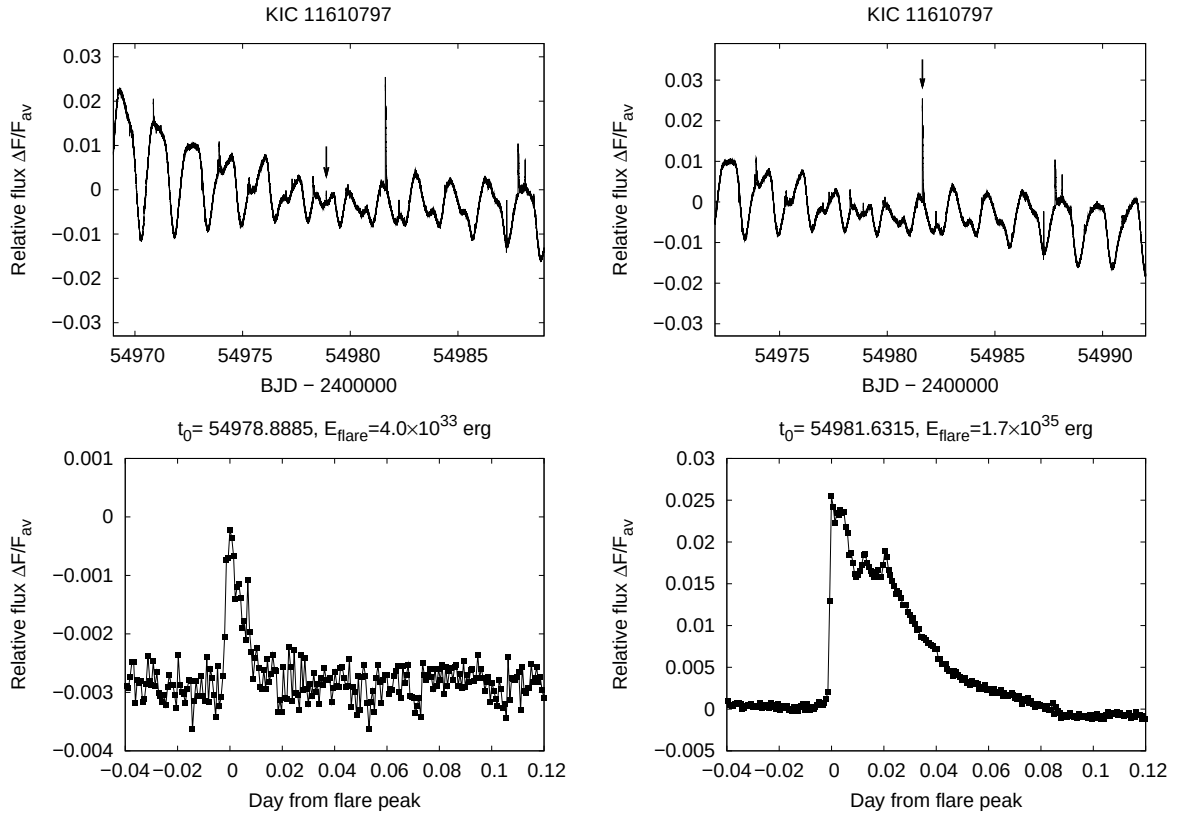


Figure 90: Light curves of each flare (cont.)

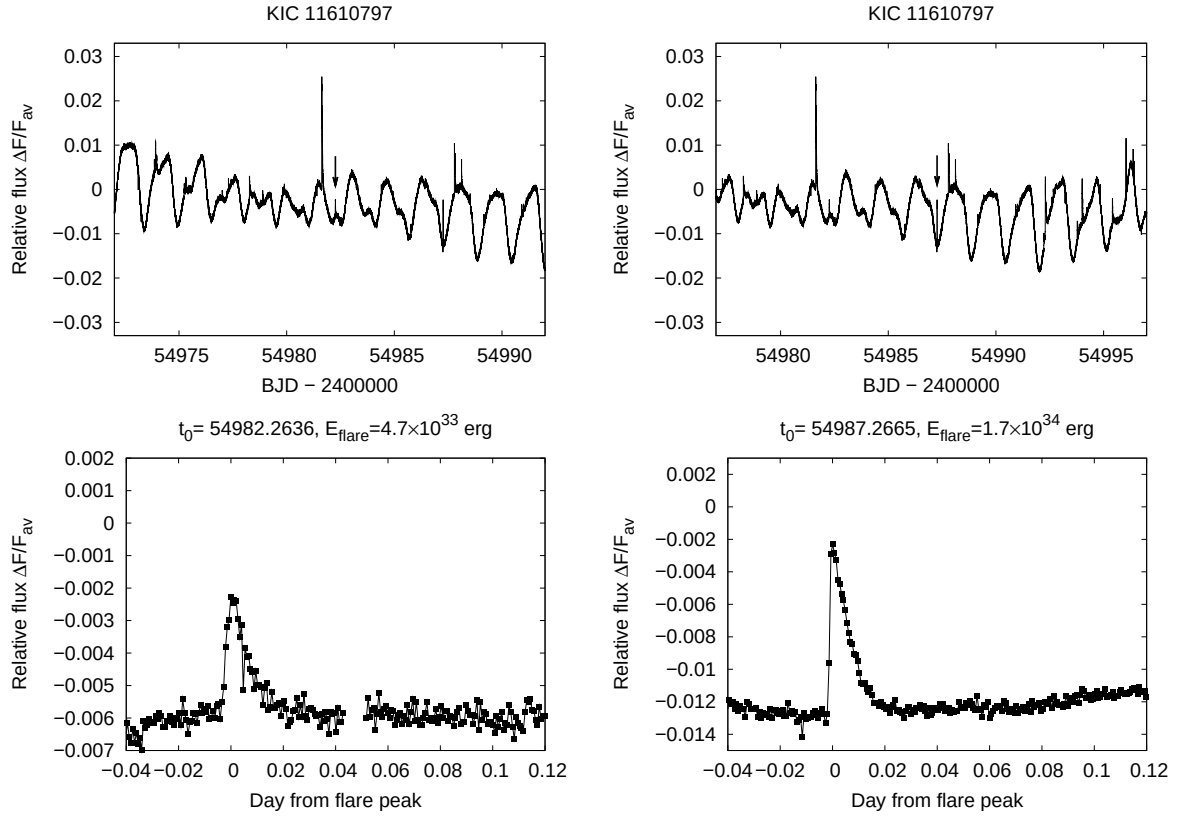


Figure 91: Light curves of each flare (cont.)

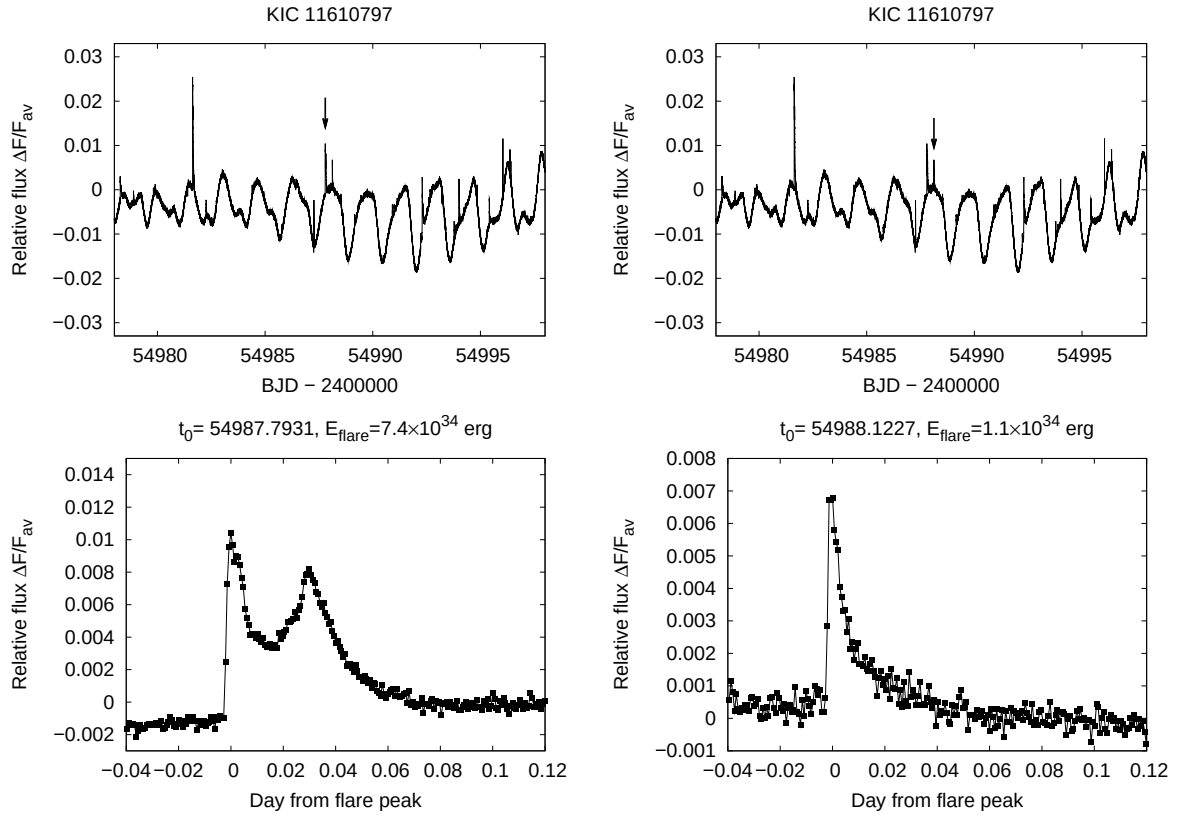


Figure 92: Light curves of each flare (cont.)

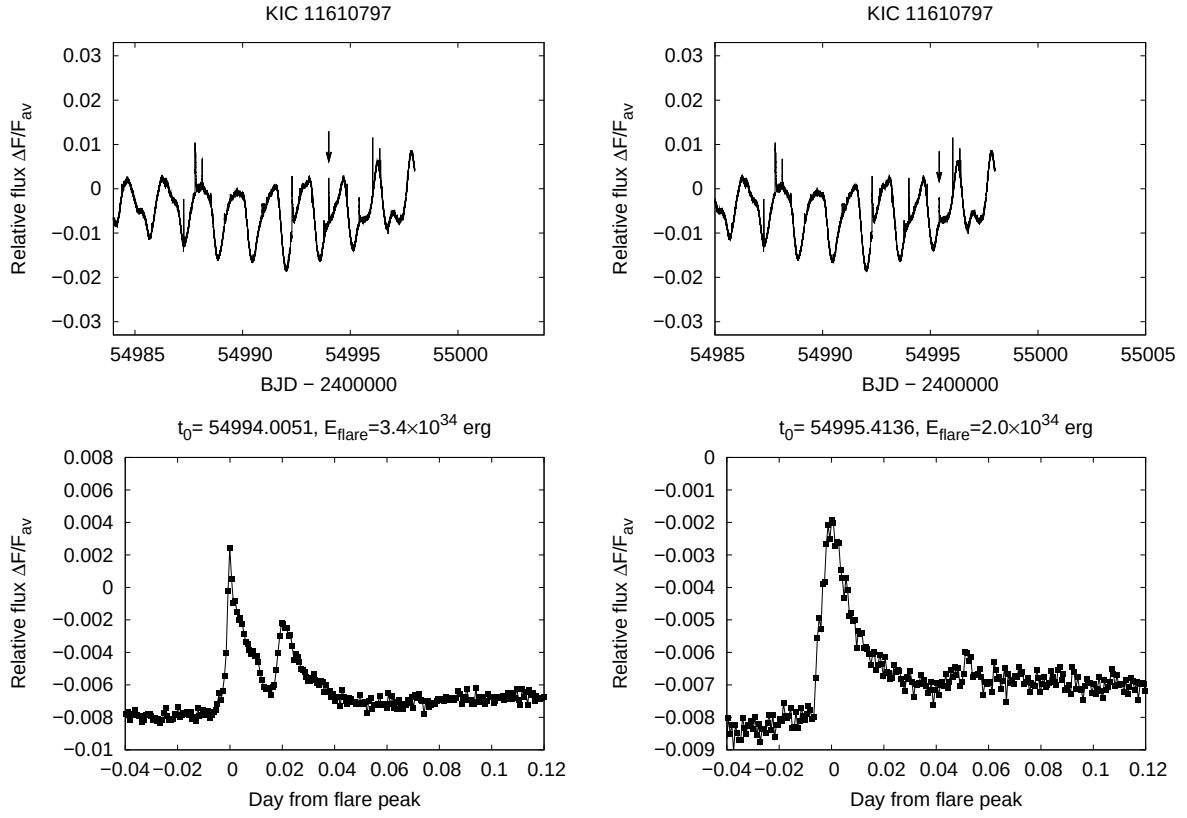


Figure 93: Light curves of each flare (cont.)

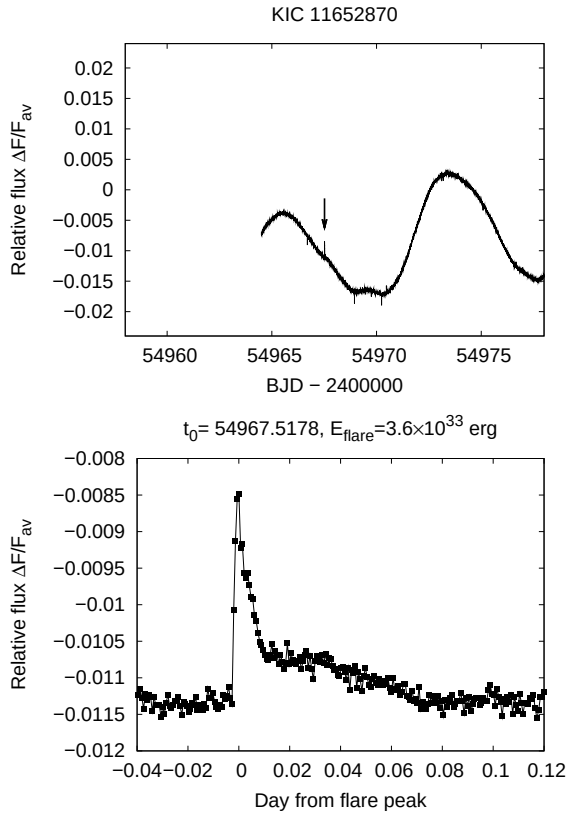


Figure 94: Light curves of each flare (cont.)