

Simple light curve estimates

Simple daily light curves (similar as Jim's) were produced by:

- integrating the counts over a 2x2 deg.2 area
- correcting for the energy dependent exposure (6 bins betw.100 MeV and 100 GeV)
- correcting for Galactic Diffuse Background (GALPROP)
- correcting for Extragalactic Diffuse Background (60% greater than EGRET's)

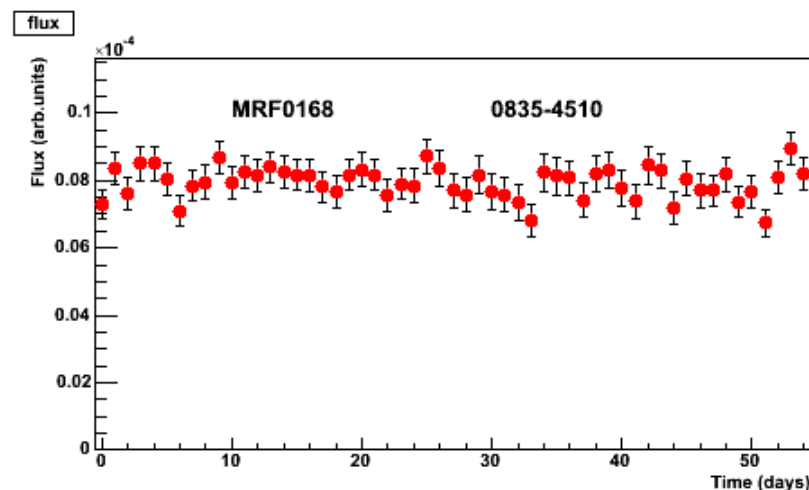
Posted at:

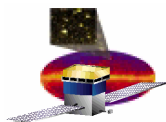
http://www.cenbg.in2p3.fr/ftp/astropart/glast/DC2/light_curves/all

http://www.cenbg.in2p3.fr/ftp/astropart/glast/DC2/light_curves/variable

http://www.cenbg.in2p3.fr/ftp/astropart/glast/DC2/light_curves/non_variable

The flux unit is
close to $\text{ph cm}^{-2} \text{s}^{-1}$
($E > 100 \text{ MeV}$)



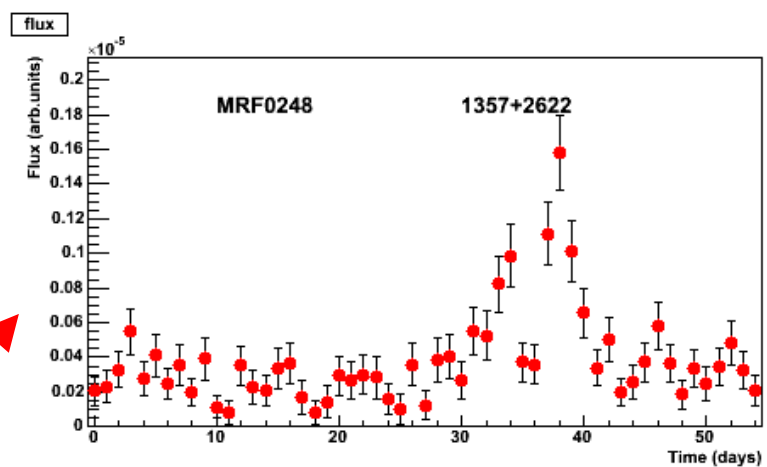
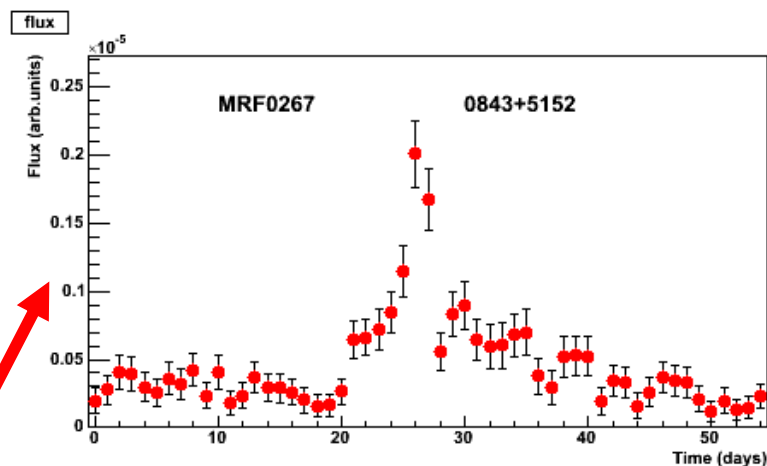


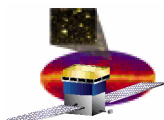
Variable sources

on DC2 confluence

0039-0941	MRF0300	FSRQ	light curve
0049-0935	MRF0431	BLLac	light curve
0132-1653	MRF0304	FSRQ	light curve
0210-5059	MRF0294	FSRQ	light curve
0416-1851	MRF0286	FSRQ	light curve
0422+1740	MRF0100	FSRQ	light curve
0423-0121	MRF0280	FSRQ	light curve
0442-0019	MRF0215	FSRQ	light curve
0449+1121	MRF0206	BLLac	light curve
0504+3402	MRF0074	FSRQ	light curve
0530+1323	MRF0194	FSRQ	light curve
0533+4825	MRF0028	FSRQ	light curve
0538-4403	MRF0310	BLLac	light curve
0614-2843	MRF0208	Unid. radio	light curve
0620-2629	MRF0202	Unid. radio	light curve
0735+4750	MRF0003	FSRQ	light curve
0738+1747	MRF0123	BLLac	light curve
0807+5127	MRF0266	BLLac	light curve
0831+2412	MRF0264	FSRQ	light curve
0841+7055	MRF0227	FSRQ	light curve
0843+5152	MRF0267	Unid. radio	light curve
0920+4439	MRF0268	FSRQ	light curve
1112-3743	MRF0114	FSRQ	light curve
1228+0210	MRF0409	FSRQ	light curve
1231+0421	MRF0245	FSRQ	light curve
1248-0630	MRF0252	FSRQ	light curve
1256-0547	MRF0253	FSRQ	light curve
1316-3339	MRF0110	FSRQ	light curve
1323-3622	MRF0112	FSRQ	light curve
1342+2843	MRF0244	FSRQ	light curve
1357+2622	MRF0248	Unid. radio	light curve

Light curves similar to blazars'





Dashboard > DC2 > ... > AGNLC > [Light curves for sources from the 1st Year Data Release Plan](#)



DC2

Light curves for sources from the 1st Year Data Release Plan

[View](#) [Edit](#) [Attachments \(0\)](#) [Info](#)

Added by [benoit lott](#), last edited by [benoit lott](#) on May 06, 2006 ([view change](#))

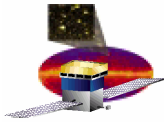
Labels: [agnlc](#) [EDIT](#)

This page is still under development.

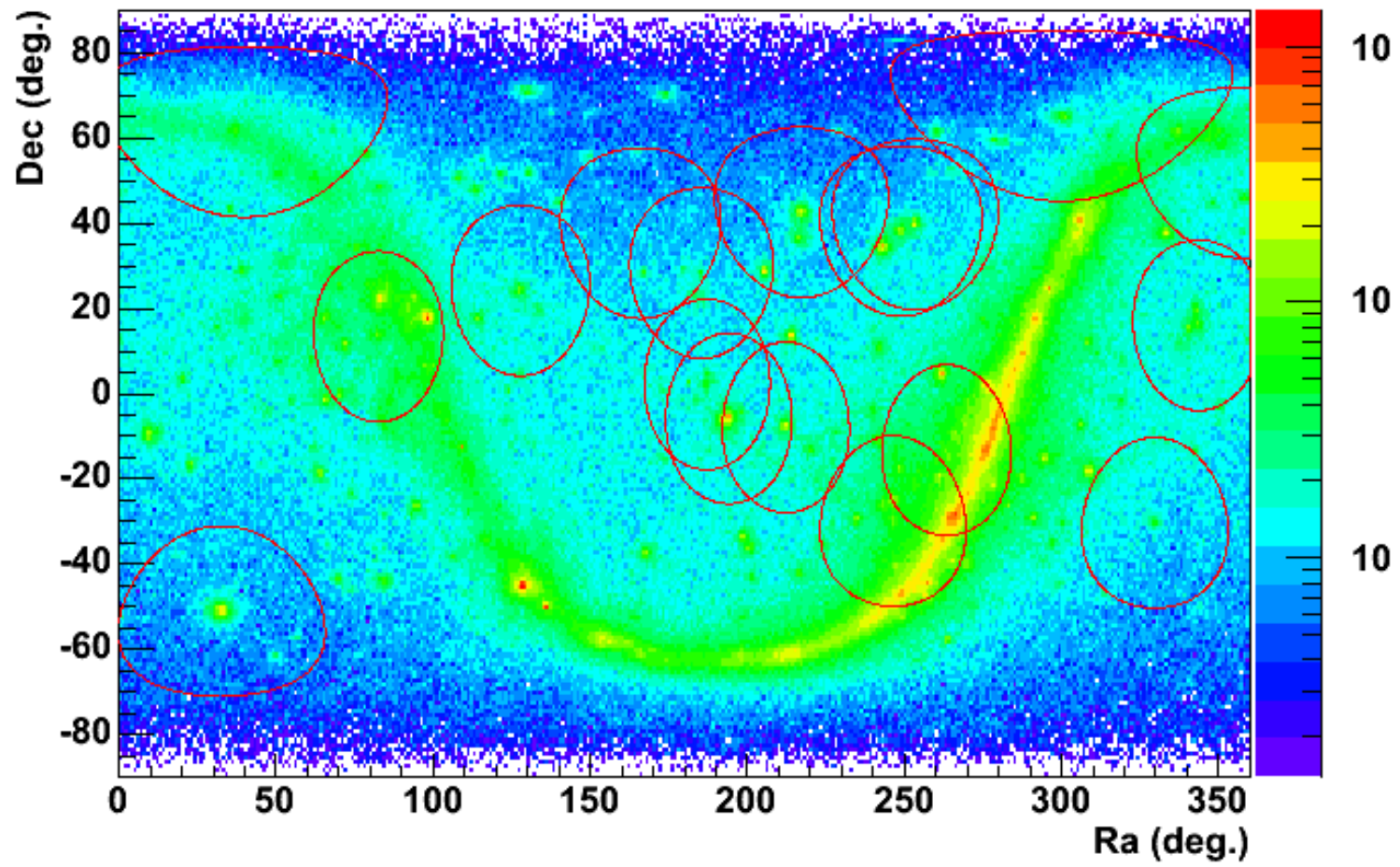
Preliminary daily light curves were obtained with likelihood (some points are still missing). All catalog sources within a 20 deg. radius were considered in the model.

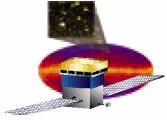
Source name	other name	Catalog name	likelihood (DRMNGB)	simple estimate
0208-512	3EGJ0210-5055	MRF0294	light curve	light curve
PKS 0528+134	3EGJ0530+1323	MRF0194	light curve	light curve
0827+243	3EGJ0829+2413	MRF0264	light curve	light curve
Mrk421	3EGJ1104+3809	MRF0404	light curve	light curve
3C 273	3EGJ1229+0210	MRF0409	light curve	light curve
3C 279	3EGJ1255-0549	MRF0253	light curve	light curve
1406-076	3EGJ1409-0745	MRF0224	light curve	light curve
PKS1622-297	3EGJ1625-2955	MRF0362		light curve
1633+383	3EGJ1635+3813	MRF0258	light curve	light curve
1730-130	3EGJ1733-1313	MRF0020		light curve
3C 454.3	3EGJ2254+1601	MRF0293	light curve	light curve
LSI +61 303	3EGJ0241+6103	MRF0044	light curve	light curve
Mrk501		MRF0257	light curve	light curve
W Com	3EG1222+2841	MRF0234	light curve	light curve
1 ES 1959+650		MRF0012	light curve	light curve
1 ES 2344+514		MRF0351		light curve
H 1426+428		MRF0240	light curve	light curve
PKS2155-304		MRF0330	light curve	light curve

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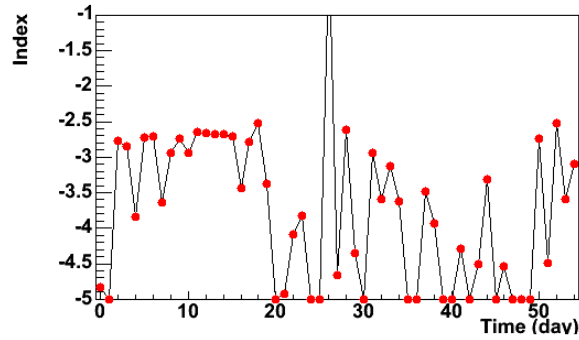


sky

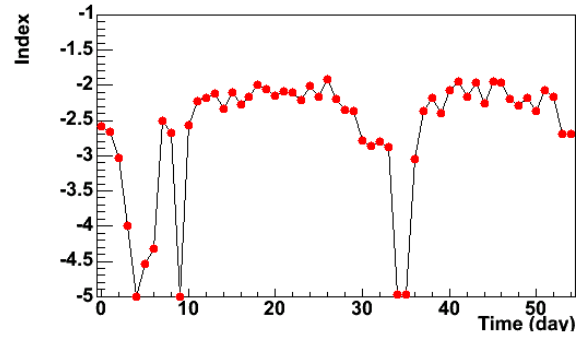




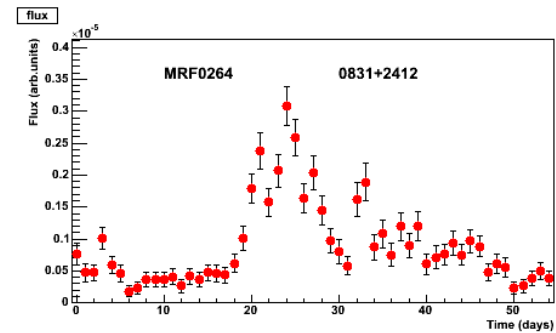
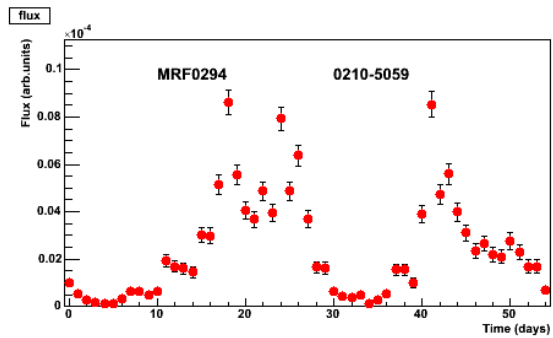
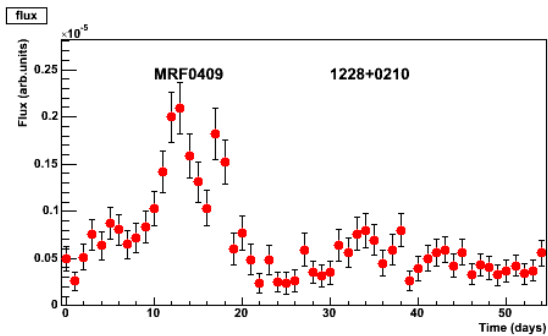
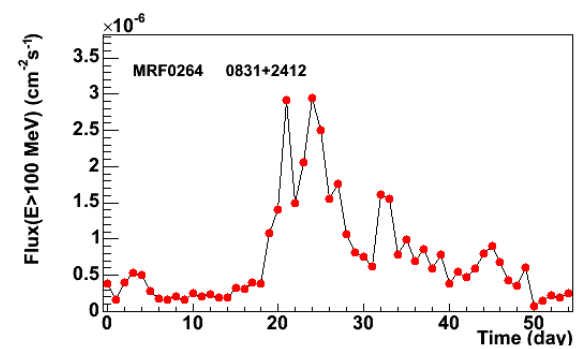
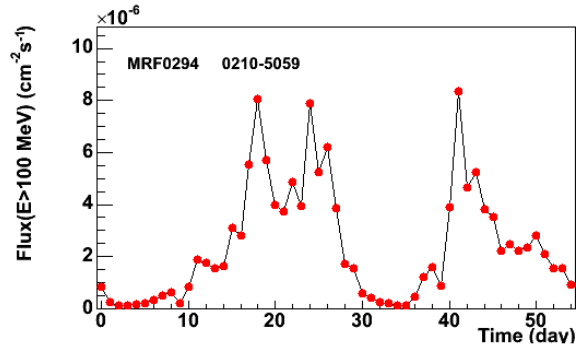
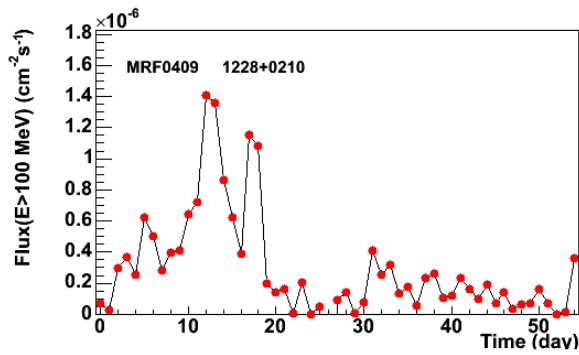
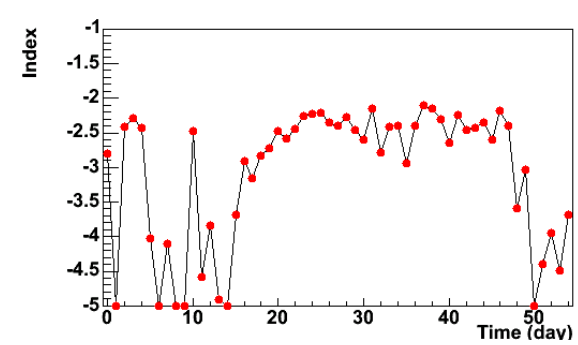
3C273



0208-512



0827-243



To do: run MINUIT with a limited number of “free” sources to get the error bars right.