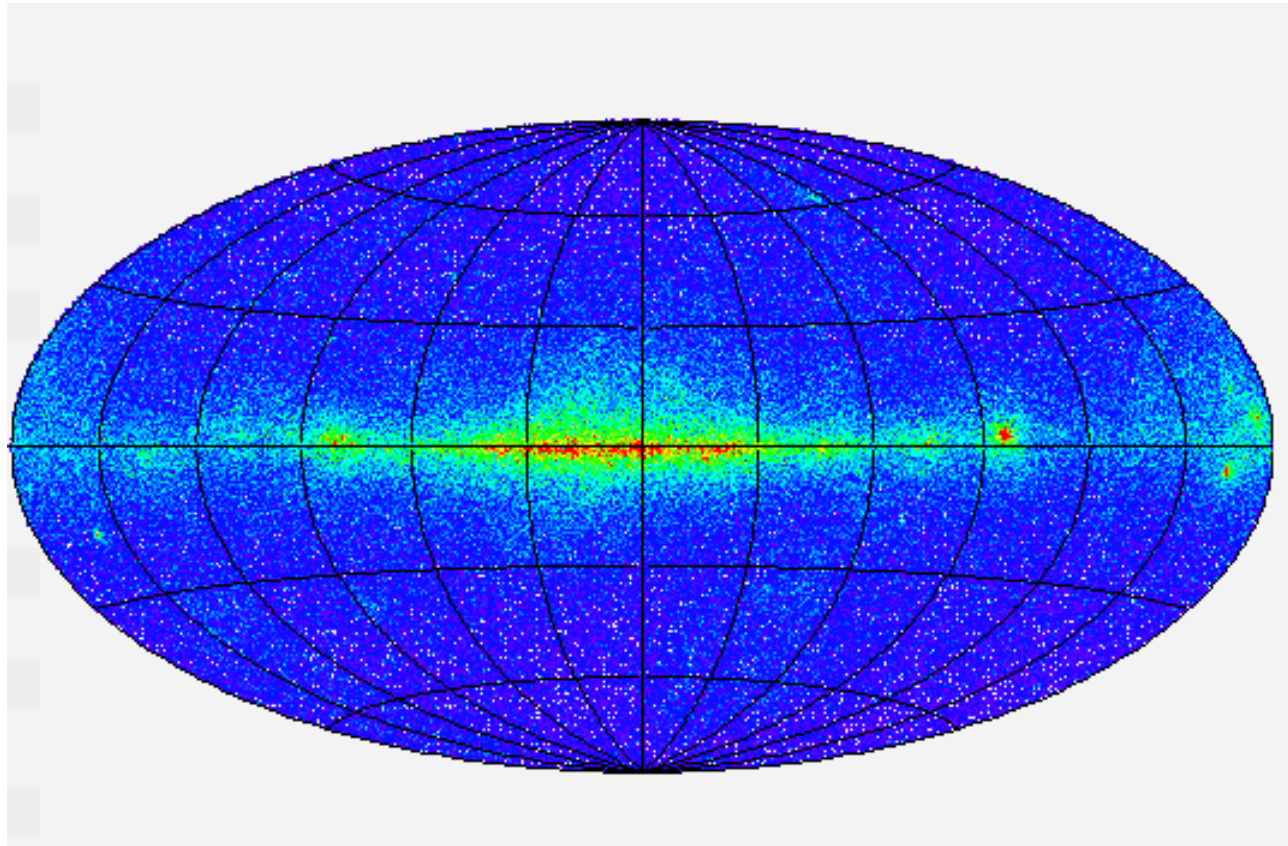
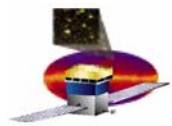
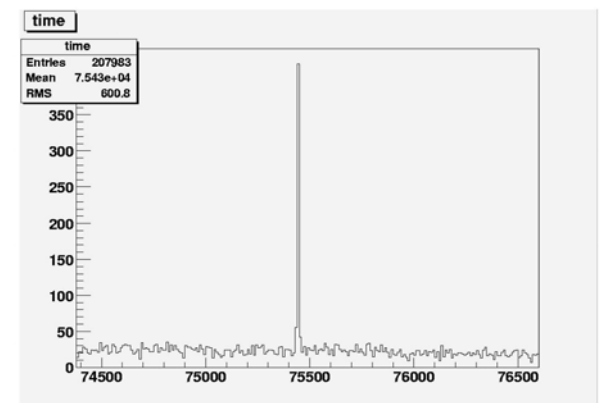
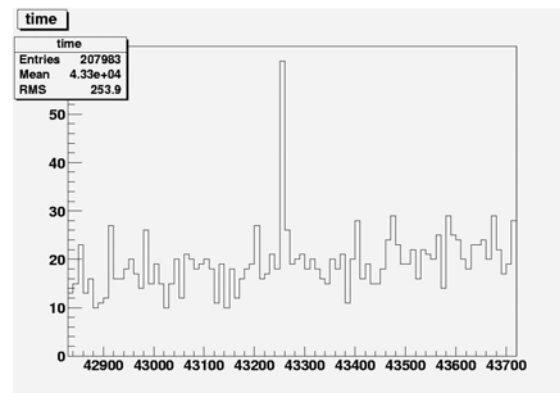
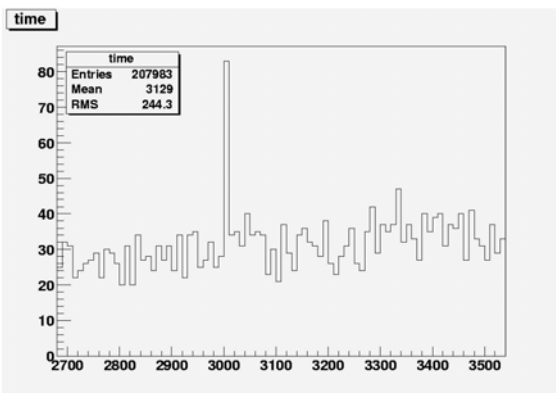
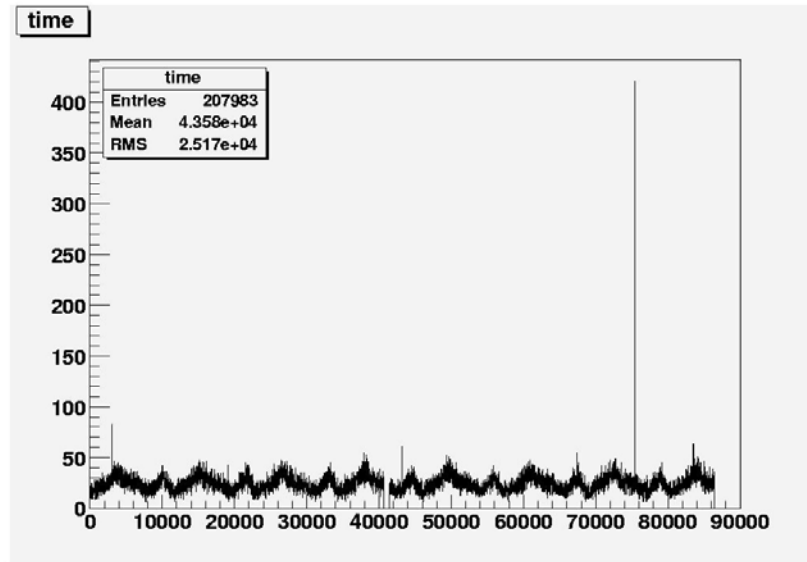


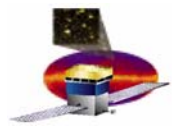
Hammer-Aitoff map



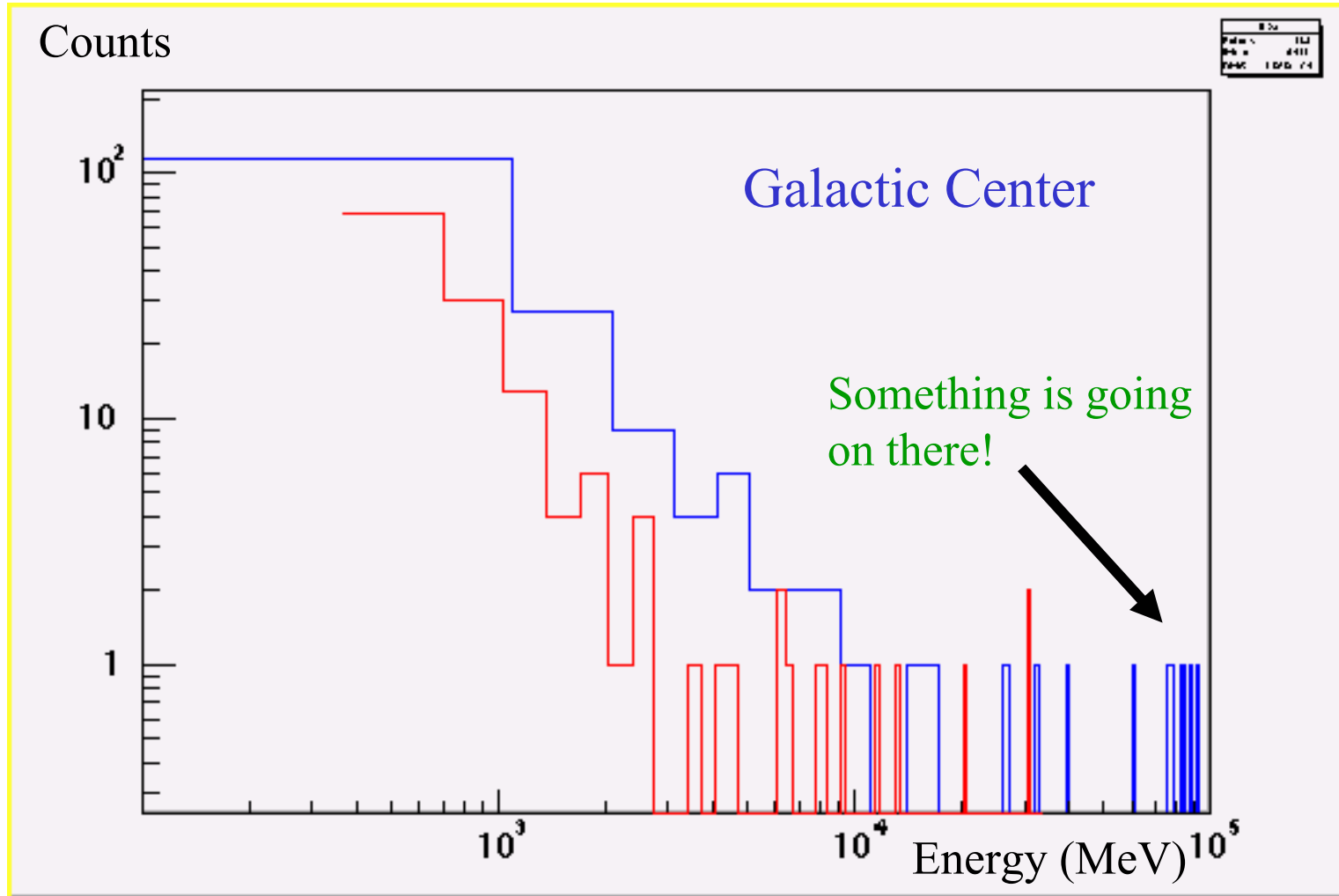


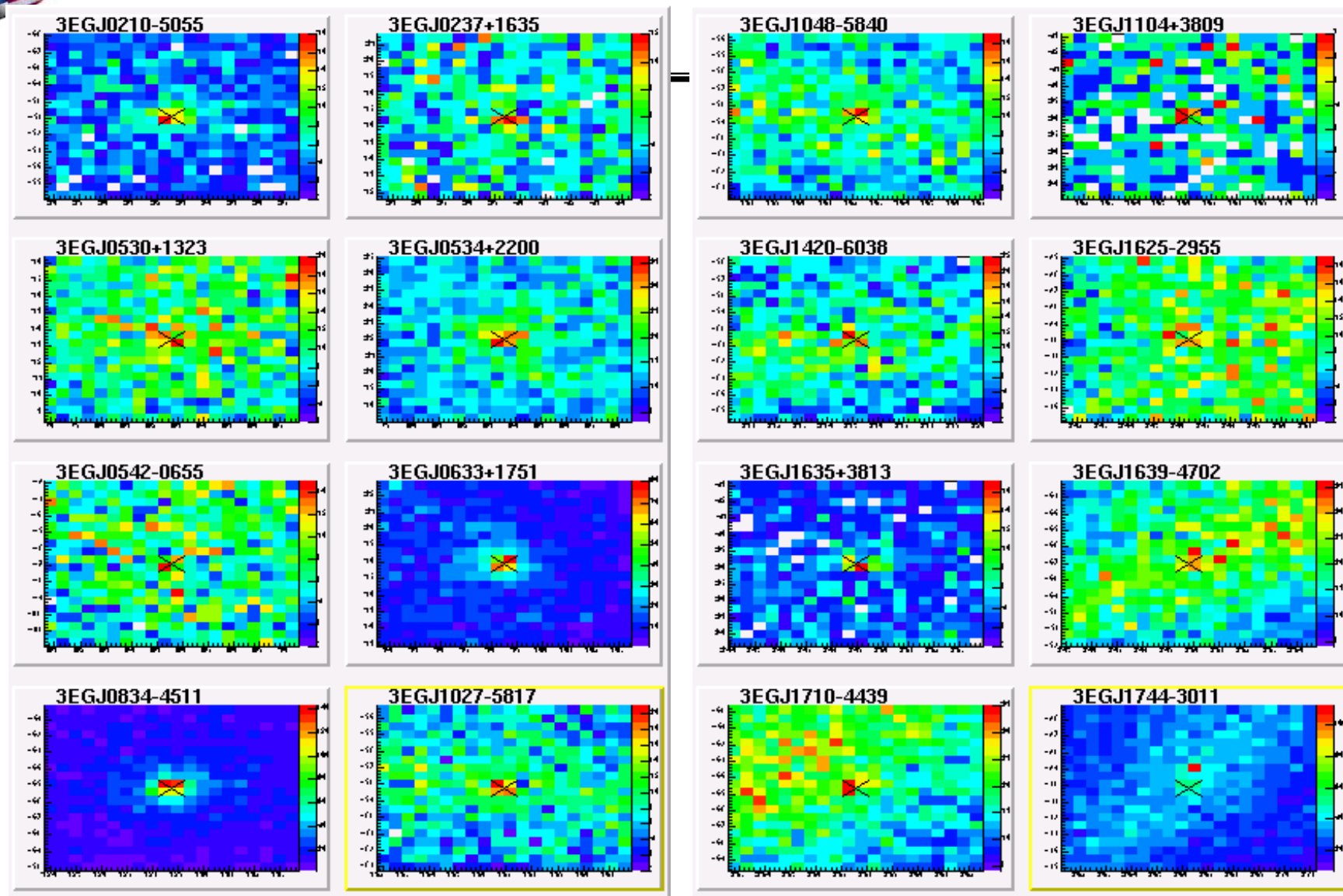
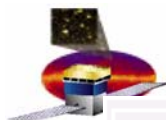
GRBs

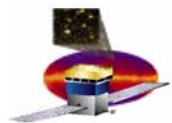




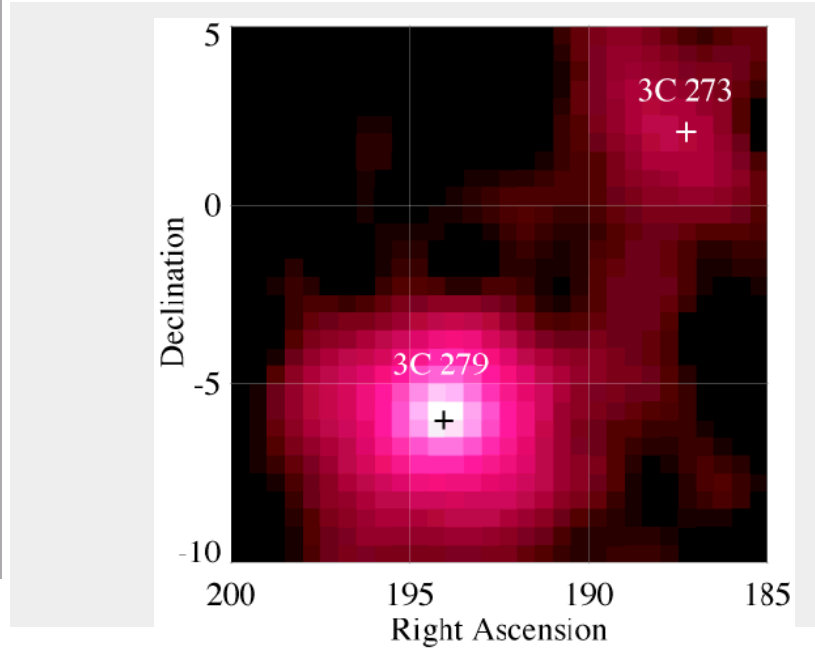
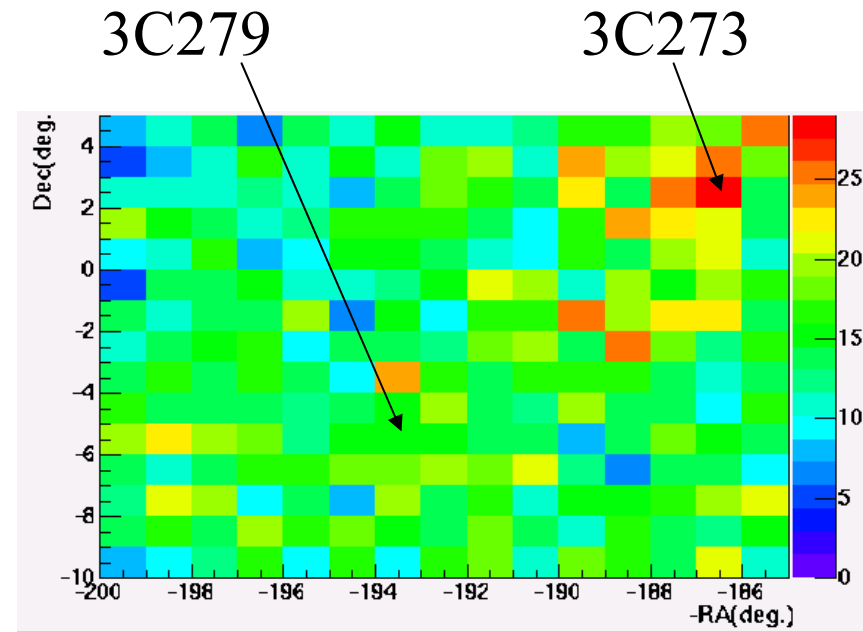
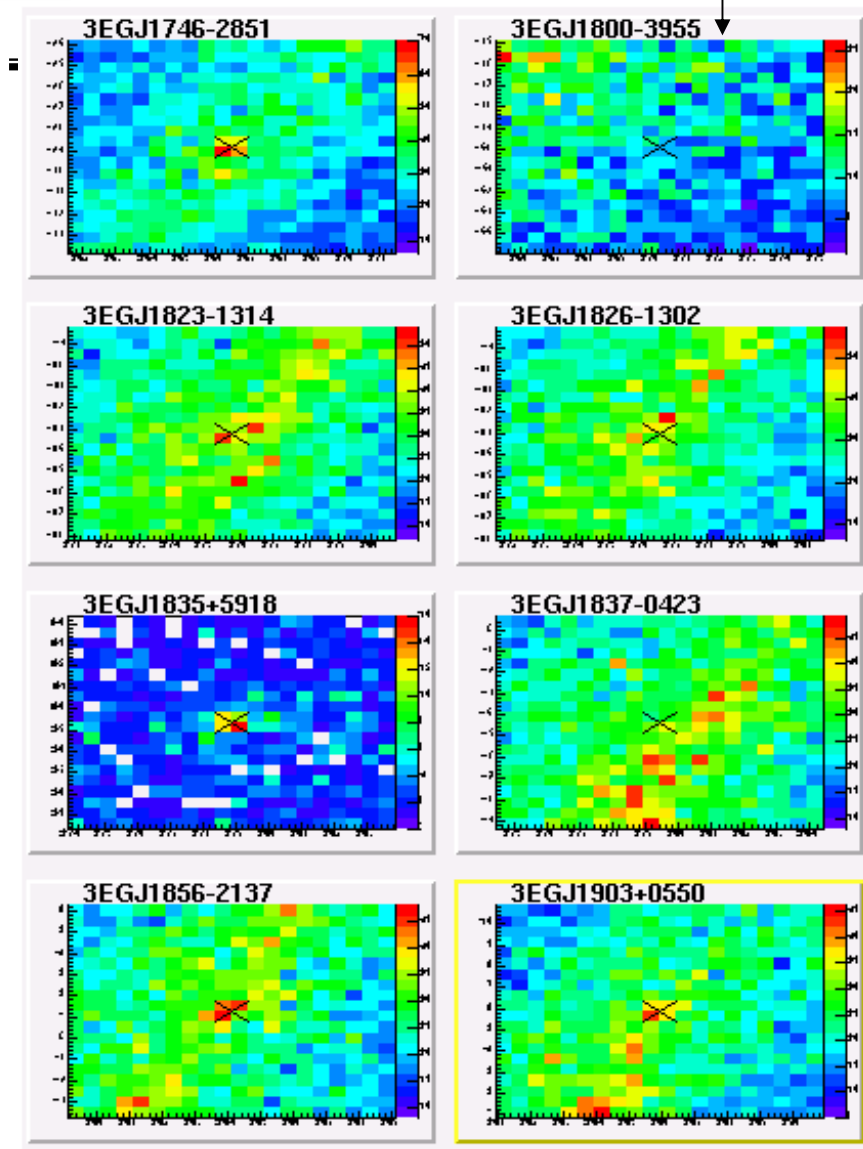
Wimps

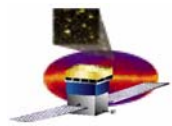






This one is off!





Anticenter region

	Crab	Extragalactic Diffuse Emission	Galactic Diffuse emission	Geminga	PKS0528p134
Flux	0.0219	7.79e-05	9.01	0.040	0.010618
Index	2.22	3.47	2.28	1.63	2.16
Flux	0.142	1.181	60922	0.1987	0.100
Index	2.28	2.01	2.28	2.10	2.26
Egret Flux ($10^{-8} \text{ cm}^{-2} \text{ s}^{-1}$)	226	-	-	352	94
Egret Index	2.19	-	-	1.66	2.46

“Tutorial”

DC1

Flux

Index

Flux

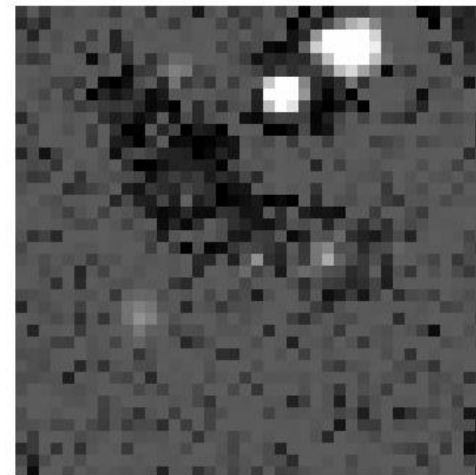
Index

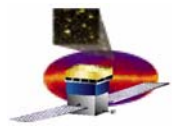
Egret Flux ($10^{-8} \text{ cm}^{-2} \text{ s}^{-1}$)

Egret Index

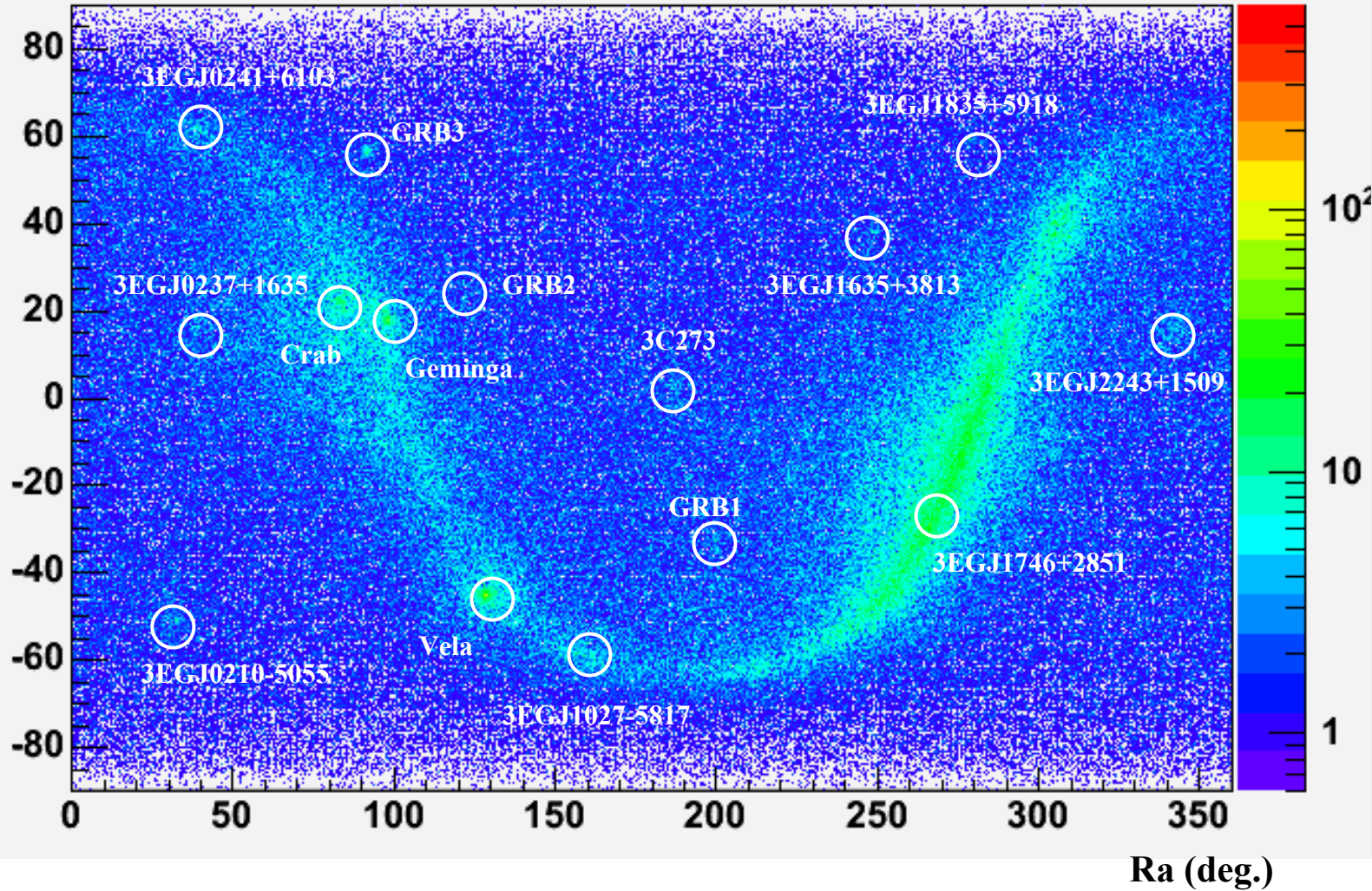
Optimizer:drmngb

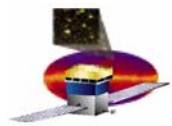
TsMap
for the anticenter
region





Dec (deg.)



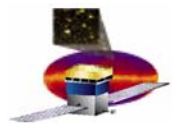


Likelihood results

	3EGJ2243 +1509	3EGJ0237 +1635	3EGJ1635 +3813	3EGJ0210 -5055	3EGJ0340 -0201	3EGJ0241 +6103
Flux (drmnbg)	0.106	-	0.146	0.091	0.058	0.107
Flux (minuit)	0.110	0.055	0.049	0.141	0.037	0.135
Index (drmnbg)	2.05	-	2.38	2.21	2.73	1.96
Index (minuit)	2.10	2.33	2.39	2.46	2.27	2.10
Egret Flux ($10^{-8} \text{ cm}^{-2} \text{ s}^{-1}$)	73.1	65.1	107.5	85.5	118.8	69.3
Egret Index	-	1.85	2.15	1.99	1.84	2.21
	Vela	Mrk421	Mrk501	PKS2155-304	3EGJ1746 -2851	3EGJ1835 -5918
Flux (minuit)	0.375	0.024	0.014	0.017	0.138	0.033
Index (minuit)	2.20	1.89	2.34	2.22	2.03	1.90
Egret Flux ($10^{-8} \text{ cm}^{-2} \text{ s}^{-1}$)	835	13.9	-	30.4	119.9	60.6
Egret Index	1.69	1.57	-	2.35	1.70	1.69

Drmnbg return code: 4 = RELATIVE FUNCTION CONVERGENCE

Prefactor always winds up close to initial value with drmnbg ?! Convergence?
Minuit seems to work better!



-
- On a given day, what sources are active? A rough estimate of the flux of the bright known transient sources (AGNs) would be useful (DC2 and later).
 - One needs to visually check the quality of the fit provided by the likelihood tool. The latter is not yet foolproof.
 - Some problems with the DRMNGB optimizer and TsMap (crashes).
 - Pointing history in the root Ntuple will be useful to produce “normalized” fluxes with root.