GLAST-DC1 GRB Detection

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<u>Objective:</u> Simple and robust GRB finding algorithm independent of coordinate choice (LAT, Polar, RA-DEC, Galactic, or elese)

1. IMGood gamma Ntuple of the 1ˢᵗ day

2. Scan in time in several energy bands (The present one combines all E)

3. Adjustable time windows: compare the counts in Δt with the average of before and after and average of earlier orbits **(TBD)** and select Δt's with counting rate $> N\sigma$ above average (N=3 now)

4. Find the Center of Gravity

5. Calculate the centroid, fit with a Gaussian **(TBD)**, and check consistency with a point source

6. Go back to the Ntuple and determine light curve **(TBD)**

Difficult Events 1

T=27208-27213

Glast DC1 NTuple ImGoodGamma
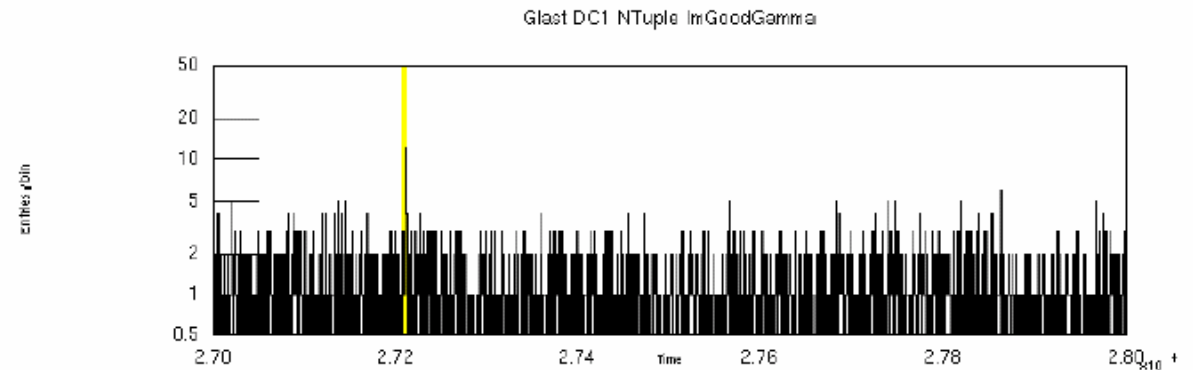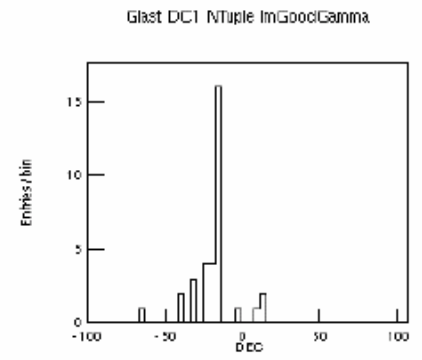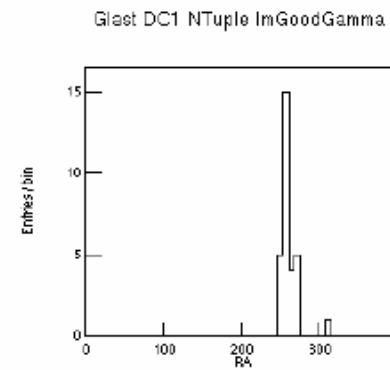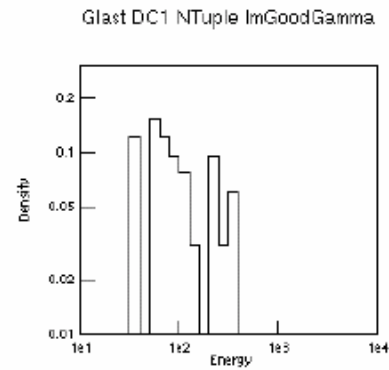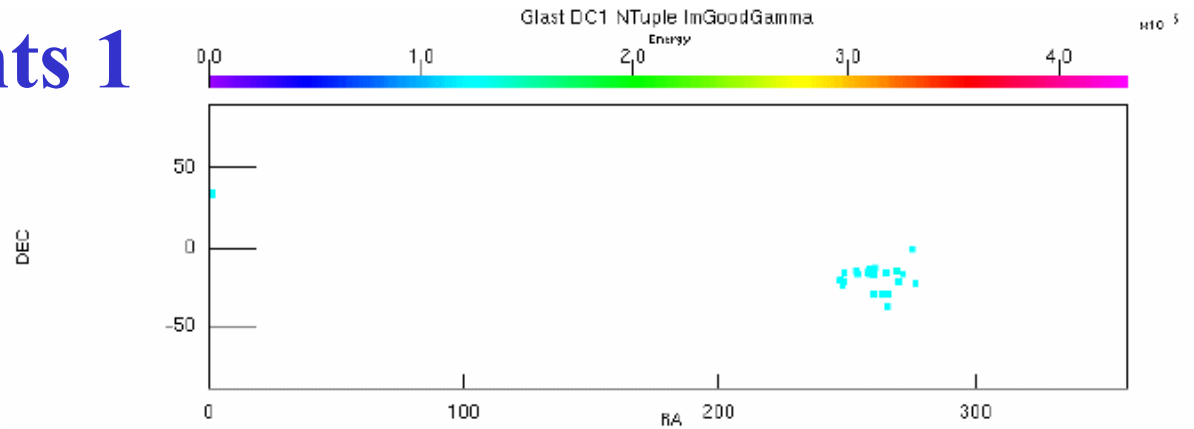
Difficult Events 2

T=33053-33057