



# GLAST

*The Gamma Ray Large Area Space Telescope*

## **Data Challenges**

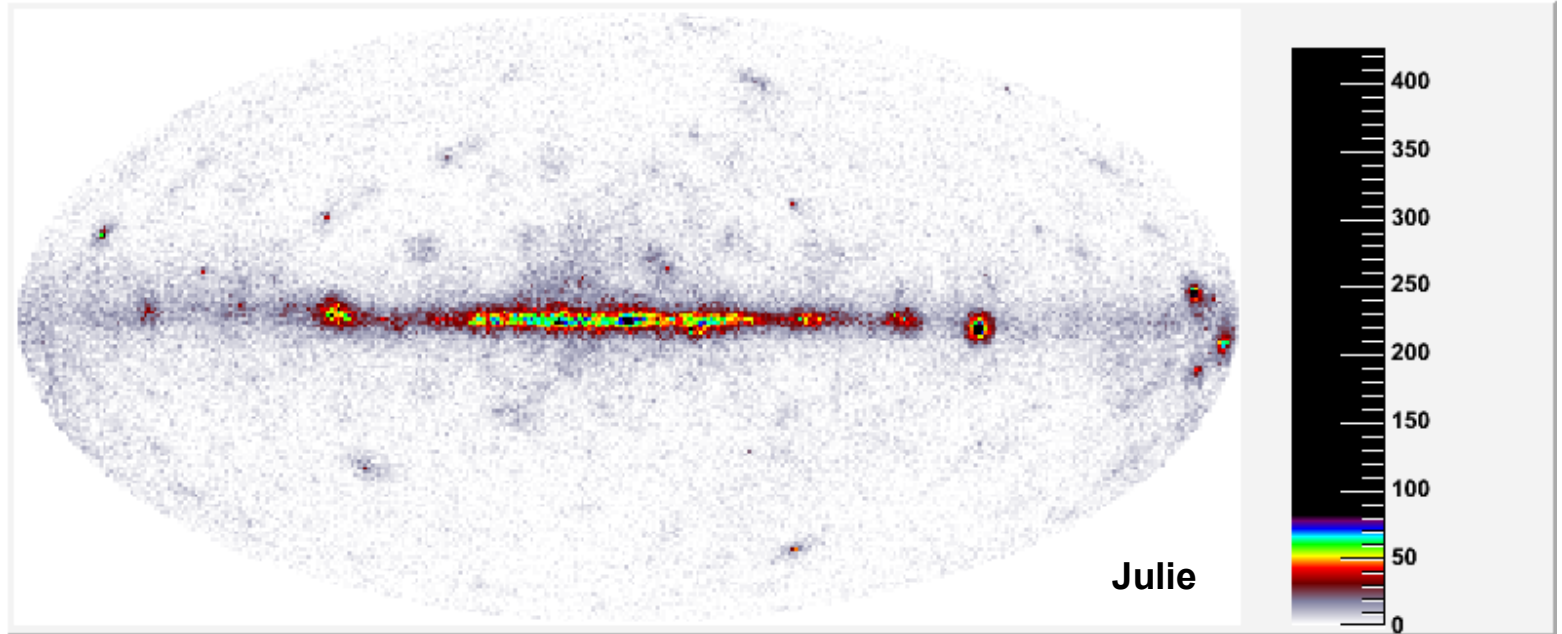
- Process for Generating the Data
- What's in the Data
- Where to Get it From

## **Data Flow**

# Process

- 1 day of data for the workshop
- Divide up the day into 100 864 sec jobs
  - Jobs take 2-3 hr each on SLAC batch farm
- Recipe
  - Generate pointing history file (8 days)
  - For each 14 min segment
    - Generate incident  $\gamma$  4-vectors
    - Do **full** sim/recon
  - Concatenate output Root files
    - Remove MC truth info
    - create final FITS file

# Contents



More or less

All sources are steady in Day 1 – there **might** be a GRB.

# Contents 2

- The day is July 18, 2005
  - We expect to make 6 more days later
- No background nor albedo gammas generated (see Bill's talk)
- All events are in FT1 FITS file
  - Flags for goodness, PSF and background supplied
  - Photons, pointing history supplied on CD
- MC-less Root merit ntuples available by ftp