Background sources update

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Review

- Julie’s pointing history
  - Proper slewing, Sun avoidance
- New exposure/background support in Gleam. [GlastRelease v6r6]
  - S/C height calculated properly
  - Table lookup for geomagnetic quantities
  - CRflux package modified to use this rather than Palestine
CRflux status: unchanged

Particle Flux vs. Kinetic Energy

Particle Flux vs. Zenith Angle

Uh-oh!

Particle Flux vs. Azimuth Angle

No azimuthal variation
Rates vs time, 2 orbits
Albedo Gamma source

APOD 31 March 05
Overall status

- No check on overall rates yet.
  - This is not the same code which was used to generate the plots in Mizuno et al.
- No E-W effect
- Altitude effect on albedo?
- Dirk’s model not yet ready: until then we will use the old albedo_gamma.
- Next: compare these fluxes with “PDR” version.