



Background sources update

Toby Burnett

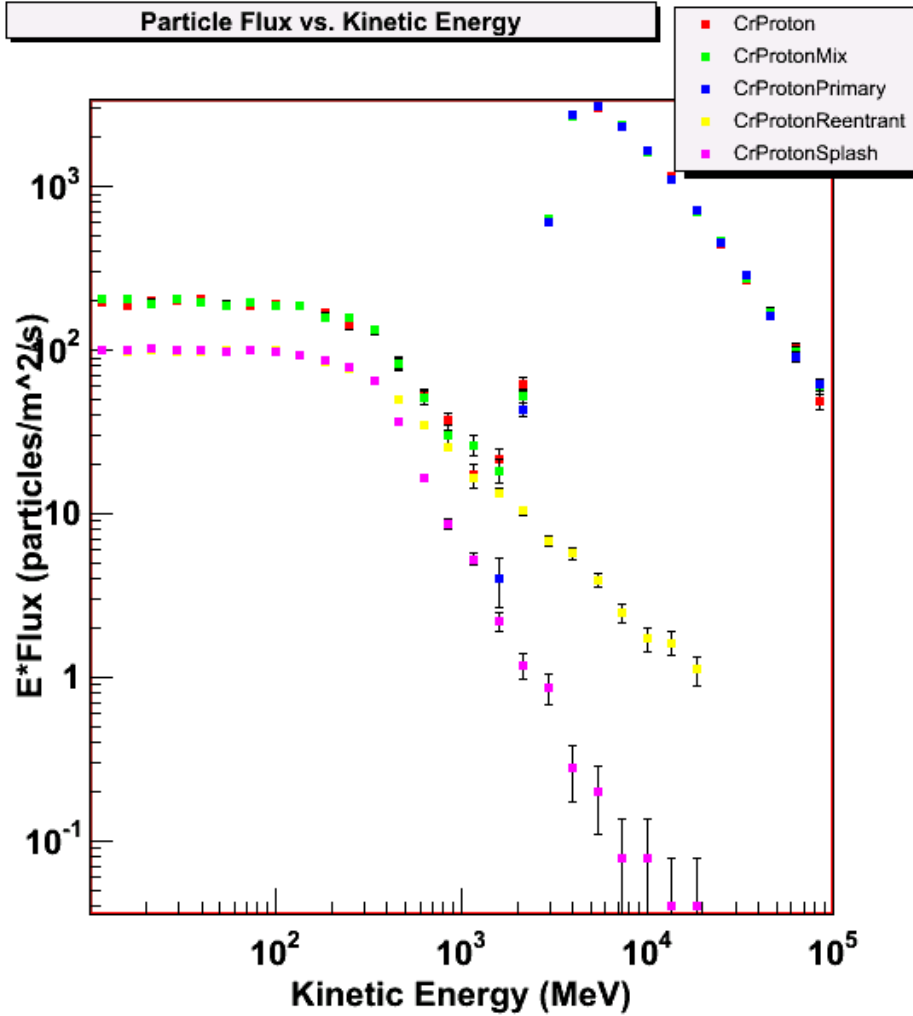


Review

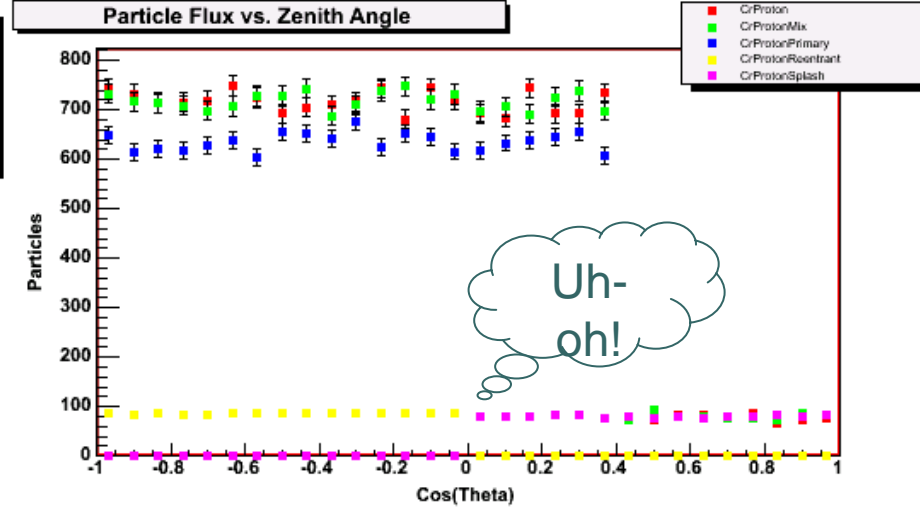
- Julie's pointing history
 - Proper slewing, Sun avoidance
- New exposure/background support in Gleam. [GlastRelease v6r6]
 - S/C height calculated properly
 - Table lookup for geomagnetic quantities
 - CRflux package modified to use this rather than Palestine

CRflux status: unchanged

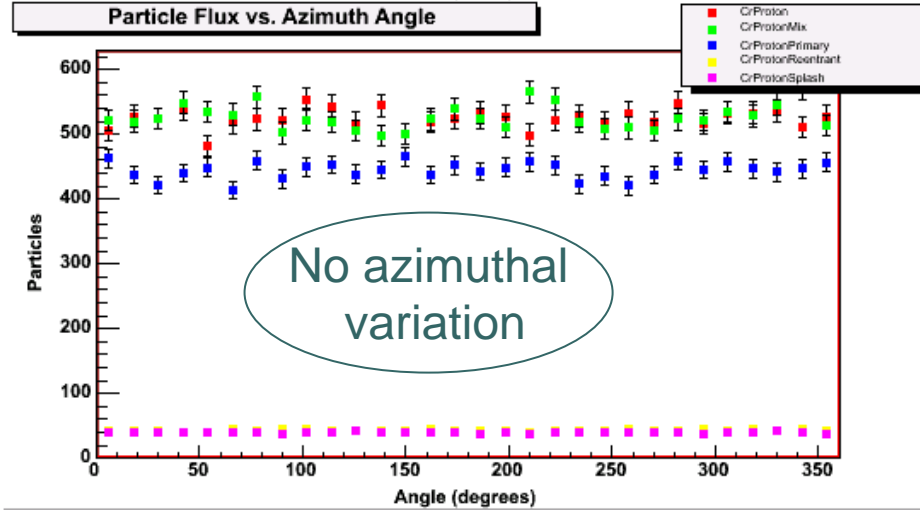
Particle Flux vs. Kinetic Energy



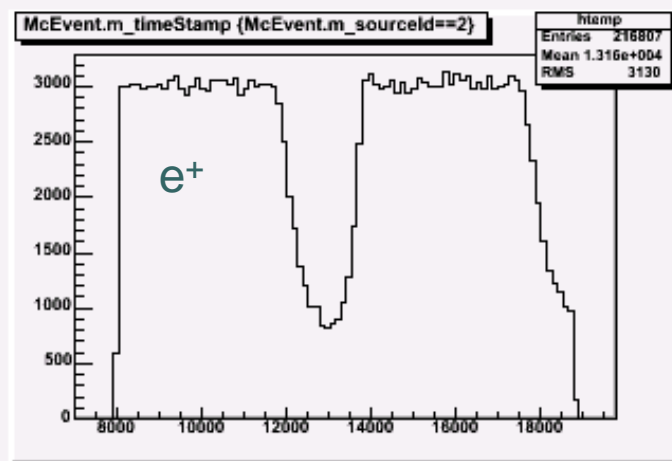
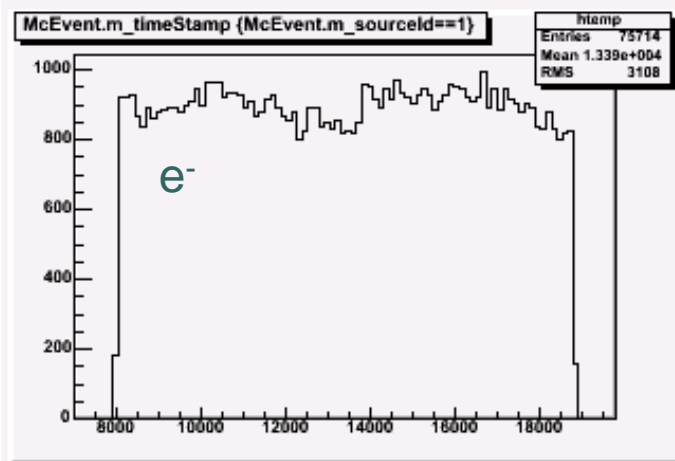
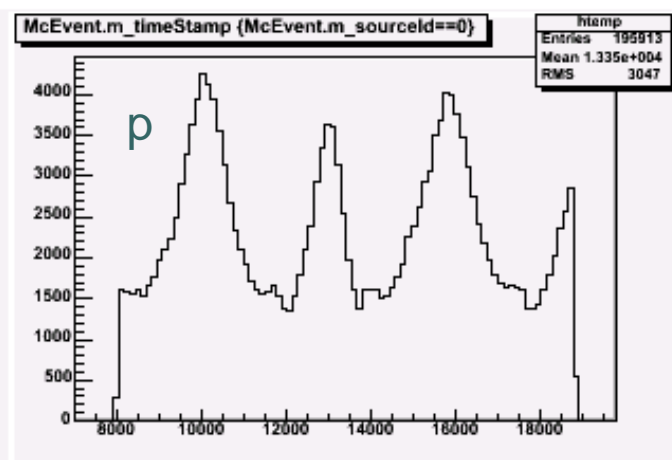
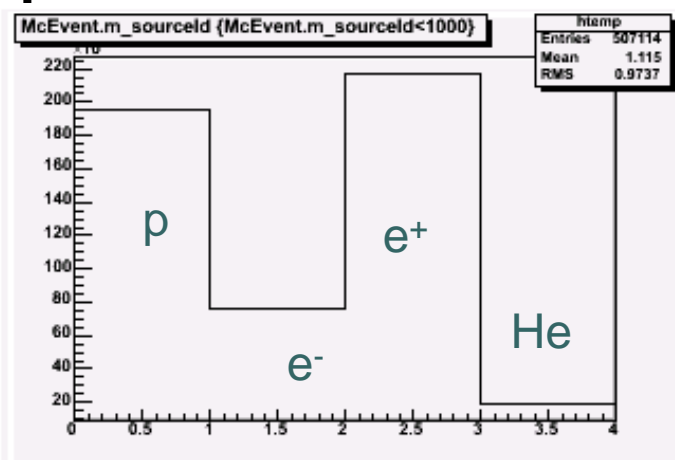
Particle Flux vs. Zenith Angle



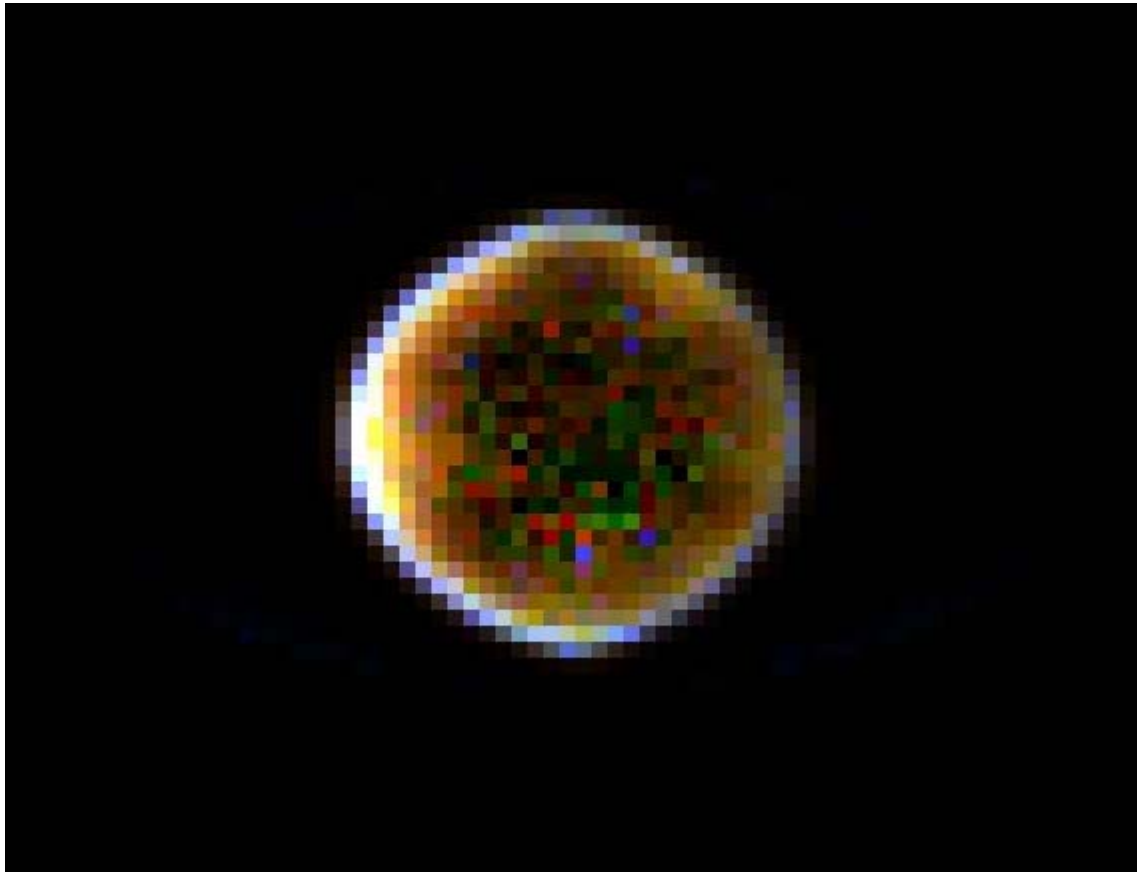
Particle Flux vs. Azimuth Angle



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.