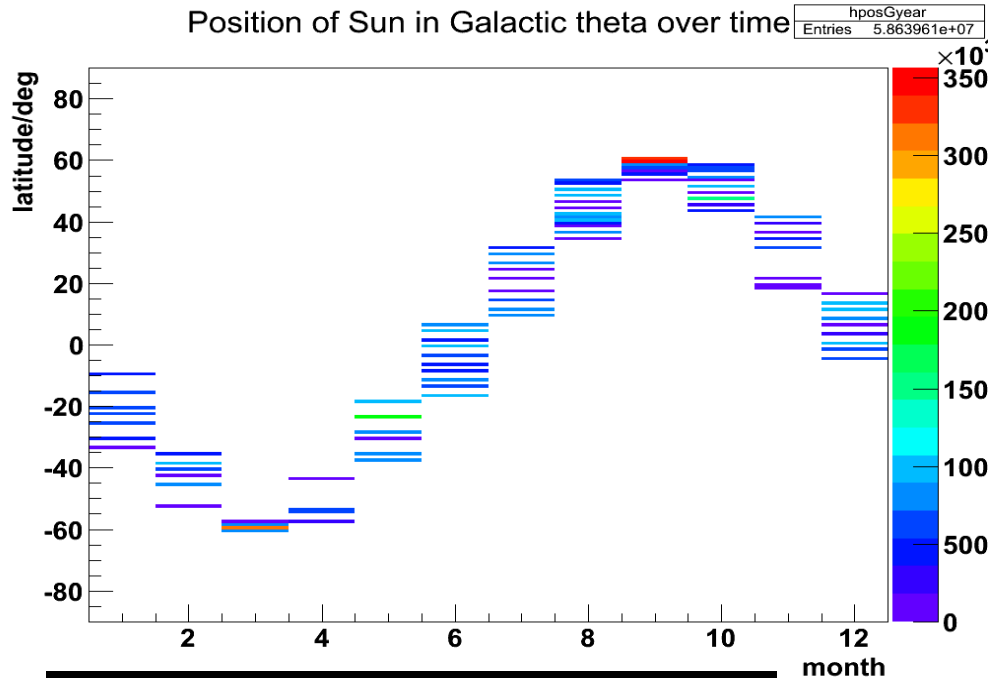


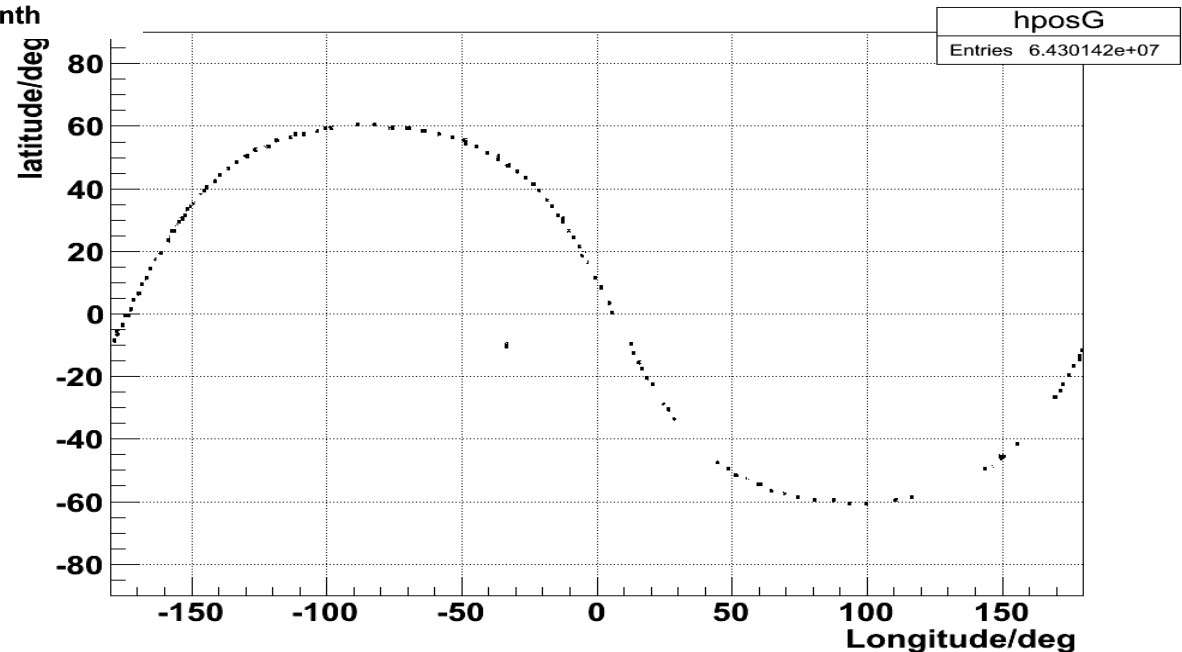
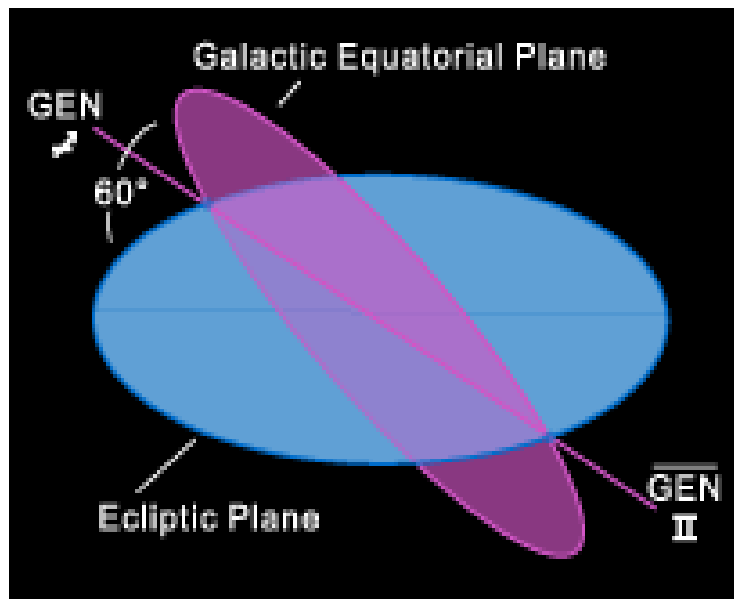
Sun position in galactic coordinates

Position of Sun in Galactic theta over time



- Transformation of vector AMS->sun from AMS to galactic coordinates
- This vector is in good approximation the vector earth->sun
→ shows vector “earth -> sun”(only a direction!!!) in galactic coordinates

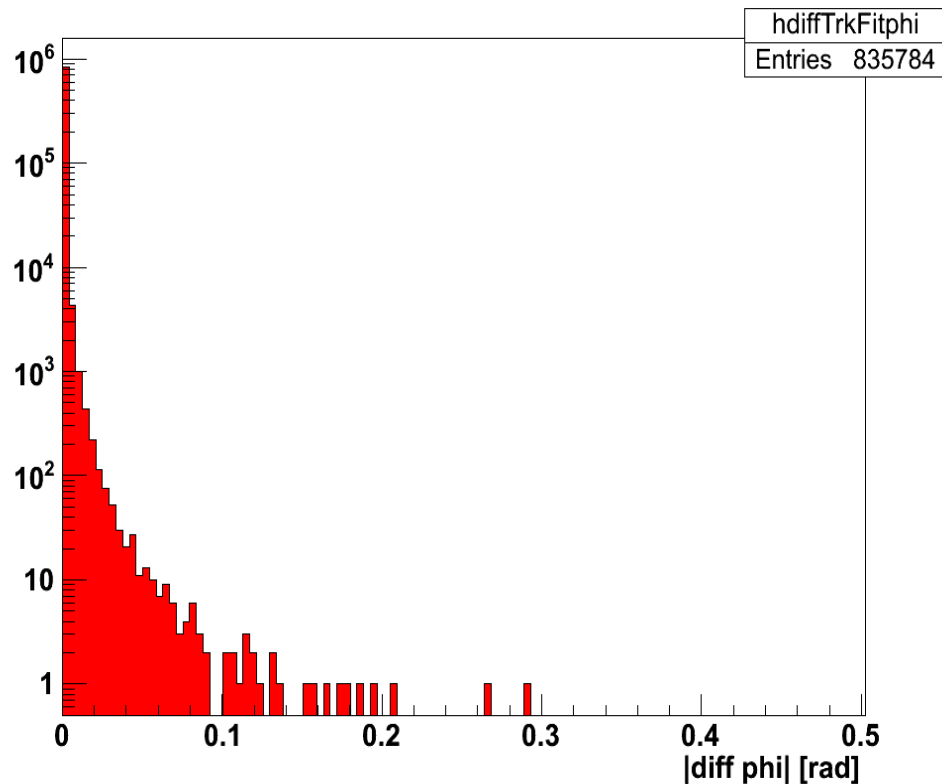
Position of Sun in Galactic Coordinates (from AMS coords)



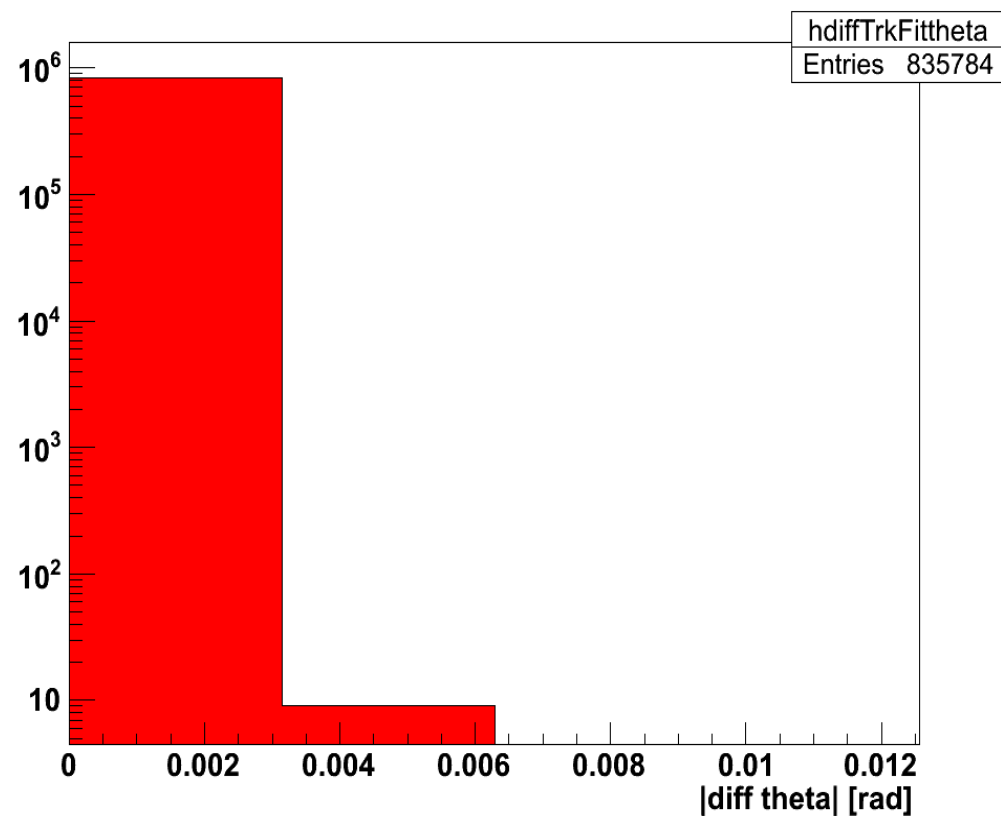
Difference incoming direction Tracker fullfit and inner only

- Corrected some mistakes
 - Direction at same point (L1), interpolate if necessary
 - Only fill if both fits are possible (L1 and L9 hits)

|Difference| in Phi between TrackerTrack Fit with whole tracker and inner only



|Difference| in Theta between TrackerTrack Fit with whole tracker and inner only



Done and to do

- Started to use energy bins
- Changed plot of angular differences
 - No more “confusion” because $L = -180$ and 180 point in same direction
 - Loop over all “good particles” in one event
- TODO
 - Look at east west effect
 - Correct lifetime from RTI
 - Own root files?
 - Select electrons/positrons?