Subject: Re: Tracking: Kalman Task with STT,(electron hypo)
Posted by Lia Lavezzi on Thu, 23 Dec 2010 12:01:50 GMT
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Hi,

Quote:Eh!, yes it is indeed needed to compile that one, you can just use ACLiC. This one just selects events that have the same pdg as the initial particle when hitting emc.
Ok, thank you I will try it!

Quote:My simulations were in the range 0.05 - 14.0 GeV/c.
Maybe it is better to make these tests with a smaller range of momenta to avoid any momentum dependent behaviour.

Quote:I did not use any special flags for Kalman. Btw. how can I do so.
The tracks output of the kalman are PndTrack with a flag assigned. This has not to be < 0: if it is < 0 then something wrong happened in the fitting procedure. You should check this before filling the histograms or the ntuples:
PndTrack* genfittrk = (PndTrack*) genfittrackarray->At(i);
if(gtrk->GetFlag() < 0) ...then skip it...;
else ...fill the histo/ntuple...

Cheers,
Lia.