Subject: Re: Kalman low efficiency

Hi,
at the end of the day we need to know:
-What fraction of tracks can be correctly fitted with GENFIT?
-Why are the tracks that are not fitted not fitted?
-Is it maybe due to false hits picked up in the pattern reco?

The last point you can check by looking at the efficiency after a MC truth pattern reco. If you implement the GEFIT flag, just make sure that the other cases the PndTrack flag can take (pz==1e-9, etc) do not superseed the GENFIT flag. When we isolate for which tracks GENFIT fails, we can try to find out why.

Cheers, Christian