
Subject: Re: Kalman low efficiency

Posted by [Anonymous Poster](#) on Thu, 02 Jun 2011 16:34:29 GMT

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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 GENFIT flag, just make sure that the other cases the PndTrack flag can take ($p_z == 1e-9$, etc) do not supersede the GENFIT flag. When we isolate for which tracks GENFIT fails, we can try to find out why.

Cheers, Christian
