

Subject: Re: Reco Hit for TpcCluster
Posted by [StefanoSpataro](#) on Mon, 27 Apr 2009 08:59:00 GMT
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Hi,
I have compared the results of genfit using tpc+mvd, 1000 muons at 1GeV/c.
Here you are the momentum distributions, with the two different RecoHits:

The results are quite stable, if I fit the two peaks with a gaussian from 0.9 to 1.1, I obtain:

Planar: sigma 10.5 MeV/c, chi2/ndf = 1.3
SPHit: sigma 10.2 MeV/c, chi2/ndf = 1.5

Let's say they are almost comparable.
However, I will commit the code using the official PndTpcSPHit.

File Attachments

1) [recohit_comp.gif](#), downloaded 655 times

