Subject: Re: GENFIT for transverse momenta < 200 GeV/c strange?!
Posted by Lia Lavezzi on Mon, 22 Nov 2010 18:30:46 GMT

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Sorry, I was counting all the tracks, not only primary ones!

Now I filled the histo only with primary tracks and I have 880 entries (88%), so we are fine

For the track association to the MCtrack, you can use the PndTrackID:
```
// genfit track
PndTrack *gtrk = (PndTrack*) gentrackarray->At(itrk);
// corresponding helix track
PndTrack *ltrk = (PndTrack*) recotrackarray->At(gtrk->GetRefIndex());
// with corresponding track ID
PndTrackID *ltrkID = (PndTrackID*) recotrackidarray->At(gtrk->GetRefIndex());

// from it you can get the MC track ID:
int mcTrackID = ltrkID->GetTrackID();
```
Cheers,
　Lia.