
Subject: Re: Psi3770 study with run981 tpc mode
Posted by [donghee](#) on Thu, 21 Jul 2011 09:57:01 GMT
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Hi Stefano,

I can now answer for few selected items.

With STT mode general feature of psi3770 looks quite good.
Please have a look attached plots, that are produced with stt mode.

I have definitive problem with 4C fitter, maybe I have to check the track list again as you suggested.
But I have no overlapping of track ID(reconstructed) if I correctly defined track candidates.

That is one of simple solution.

But sometimes momentums are quite similar, there are no clean separation in the momentum range.

Quote:

You should not reject those events, but simply take the best candidate, with momentum closer to the mc one. This would save you a lot of tracks.

I don't know why the huge difference between stt and tpc are existed...

Best regards,
Donghee

File Attachments

- 1) [Dmeson_mass_distribution_stt.eps](#), downloaded 252 times
 - 2) [Dmeson_vertex_resolution_stt.eps](#), downloaded 266 times
 - 3) [Psi_mass_stt.eps](#), downloaded 277 times
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