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 nthose events, but simply take the best cadidate, 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 333 times
2) Dmeson_vertex_resolution_stt.eps, downloaded 346 times
3) Psi_mass_stt.eps, downloaded 369 times