## Subject: Re: One question about tracking efficiency Posted by Yutie Liang on Thu, 22 Apr 2010 17:40:34 GMT

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1. I checked MCTracks, and about 30% events passed the cut for all the 6 particles with theta  $> 10^*$  and p > 0.2GeV.

If simply take this into account, the total efficiency will be 6% / 30% = 20%.

I will try to only simulate those events which could pass the theta and momentum cut.

2

In fact, I didn't update PndEvtGenGenerator in the way you think of. I don't know how to update. So I just modify the file PndEvtGenGenerator comparing with your modification. (cm->mm)

If I don't use Pid, there will be too many combinations. Especially there are more than 6 reconstructed tracks for most of events. I can barely see the psi3770 peak.

## File Attachments

1) cl.jpg, downloaded 1160 times

