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Subject: Re: PndLhePidTrack

Posted by [Anonymous Poster](#) on Fri, 23 Apr 2010 09:59:21 GMT

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Hi Stefano,

the resolution of the fit can not depend on the difference in start vertex (0,0,0) vs (4,4,4). Could you please investigate and/or explain the following points:

- why are there 764 tracks in the distribution for 4,4,4 and much less in the 0,0,0 distro?
- what is the theta range you used?
- Could you please check whether the number of hits in the track is reduced in the 4,4,4 case? It could explain the worse resolution in the fit. Maybe your pattern reco can not use all hits in the case?

Cheers, Christian

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