Subject: Re: One question about tracking efficiency
Posted by StefanoSpataro on Thu, 22 Apr 2010 17:04:55 GMT
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Macros seem fine. I suppose the best way could be to loop inside MCTrack, and count the events where you are able to reconstruct all the 6 particles with theta > 10* and p > 0.2GeV. This number you could compare with your reconstructed events.

Another thing could be that the MCtrack association is faulty, in some part of the code. Before version 8394 there was a small bug in the MCTrack id propagation for genfitted tracks, which is solved from 8394. But I suppose you are suing the last version of pandaroot, if you have the uodated PndEvtGenGenerator.
Then maybe you are crossing the "wrong" kpipi combination. Is it possible? Maybe you coudl try to plot everything, without pid, to see if you are able to see and count your signal, just to be sure.