Subject: Re: PndLhePidTrack
Posted by Gianluigi Boca on Sun, 18 Apr 2010 15:51:09 GMT

Donghee Kang wrote on Sat, 17 April 2010 14:52Dear Gianluigi Boca,

If your statement is correct, then every secondary vertex like K0, lambda, which have some decay length more than few cm, cannot reconstructed any more. That is quite pity, but I assume that is not implemented right now because of some ordering of priority in global tracking.
So, current tracking package is now only optimized at primary vertex.

Best regards,
Donghee

Yes, in my opinion, for the Vees it is necessary to write a package that come after the 'normal' pattern recognition. That is true
for the STT, and my feeling is that could be true also for other detectors.
Only those hits not used by the 'normal' pattern recognition would need to be taken into account at this point. These hits should be searched for finding tracks not coming directly from 0,0,0.

Gianluigi