Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16
Posted by asanchez on Wed, 01 Aug 2007 13:27:12 GMT
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hi, i'm still having problems to connect.
From my side,
i wanted to say that the tracking and identification of low kaons seems to be feasible for the tpc and the tof detector.

Unfortunally i can not extract the reconstructed information from the tpc
because Sebastian is still working on.

I have extracted the moementum and the length of the trayectory by myself(helix parametrization ,of course it is an ideal case).
But i will wait till the tpc is able to produce some information from the tracking, to study what is the expected resolution for the low kaon identification(tof).

Here attached i send you some moemnta distributions
in which kaons and the pions distributions (coming from antiXi- annihilation) are plotted.
DistKP.eps(kaonon P vs polar angle) and (pion P vs polar angle)

The only requirement which has to be filled by them, is that both particles have to have a transversal moemnta larger than 300 MeV in order to reach the tof detector + tpc region. The tranversal moemntum distribution of both particles are plotted also together.See ptKP.eps

I'm still working on the Secondary target(silicon strips) and on the HPGE cluster detector digitization.

I want also in the next weeks to finish the implementation
of the Hypernuclei generator, and maybe to start to work on the reconstruction.

I will commit as soon as possible the tof detector.

OK, i hope that can be helpful.

cheers ALicia.

File Attachments

1) DistKP.eps, downloaded 472 times
2) ptKP.eps, downloaded 448 times