Subject: Re: tof barrel + TPC
Posted by Sebastian Neubert on Tue, 17 Jul 2007 08:27:42 GMT
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Hi Alicia!

We are still working on the TPC reconstruction. One main limitation at the moment is, that we can only reconstruct paarticles which go under an angle of lets say not more than 70deg from the beam axis. This is due to the track parameterization we use. With GEANE this should be solved before september.
Furthermore the track finder at the moment only works for tracks coming from the IP. I am working on secondaries today.

Anyway you are invited to run the tpc reconstruction.
Have a look at macro/tpc/runReco.C and try to understand it before you run it. Feel free to aks any question!

Reconstruction at the moment is NOT an out-of-the-box tool. So expect to write your own scripts to utilize what you need.

And before you can run the reco do not forget to run the digitization!

Cheers! Sebastian.