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Subject: Re: geane propagation

Posted by [Sebastian Neubert](#) on Thu, 11 Oct 2007 08:45:34 GMT

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Hi Andrea and Lia!

The reconstructed momenta look good! Nice!

I have not yet tried out your modified RecoHit but I will soon!

Concerning the limitations you describe I am puzzled. 500 MeV is not a low momentum. I do not understand why the propagation of these particles should be any problem. What is going wrong?

For the dEdx studies only particles below 1GeV are interesting.

The choice of particle ID should not be any problem (especially changing from pion to muon!!!). In fact we will do the tracking always for all 5 hypothesis in parallel. So we WILL use false assumptions. However I do not understand why this should be problematic in the first place.

Concerning the status flag:

Only TrackReps with status=0 will be tracked. You can set the status to any other value to exclude the fit from the tracking. A scheme what the different status-codes might mean has yet to be developed.

Cheers! Sebastian.

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