
Subject: Re: GENFIT for transverse momenta < 200 GeV/c strange?!

Posted by [Stefano Spataro](#) on Mon, 22 Nov 2010 21:26:11 GMT

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Hi,

unfortunately this is a normal behaviour. This comes from the fact that you are using by default "muon" hypothesis for the kalman, because you do not know exactly the pid of the particle.

You could run in your run_reco the PndRecoMultiKalmanTask instead of the PndRecoKalmantask, to run the 5 pid hypothesis, and then compare the results.

Or you could set in your PndRecoKalmanTask the flag SetParticleHypo(Int_t h) in order to use the correct particle hypothesis.

I hope this helps a bit.
