Subject: Re: Revised CbmGeaneUtil, CbmGeanePro and CbmTrackParP. Posted by Sebastian Neubert on Mon, 09 Jun 2008 19:04:19 GMT

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Hi!

With the modifications you gave me for the GeaneTrackRep I still see the divergence. I have check my stuff in now. So you can try the demo andf have a look.

The pictures below show the convergence behaviour of the genfit kalman for the LSLTrackRep (first plot) and the GeaneTrackRep. Both plots show q/p as a function of the Kalman Steps.

For both plots the same events were processed in the demo.

At the moment I have no idea... Sebastian.

LSLTrackRep:

GeaneTrackRep:

File Attachments

1) LSLConvergence.png, downloaded 741 p steps ph **Entries** 1720 _-1.5 Mean x 42.5 Mean y -2.003 -1.6 RMS x 24.82 RMS y 0.0352 -1.7 -1.8 -1.9 -2.1 -2.2 -2.3 -2.4 100 10 30 70 20 40 50 60 80 90 Kalman Step

2) GeaneConvergence.png, downloaded 833 times

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