Subject: Re: Revised CbmGeaneUtil, CbmGeanePro and CbmTrackParP.
Posted by Sebastian Neubert on Mon, 09 Jun 2008 19:04:19 GMT
View Forum Message <> Reply to Message

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.

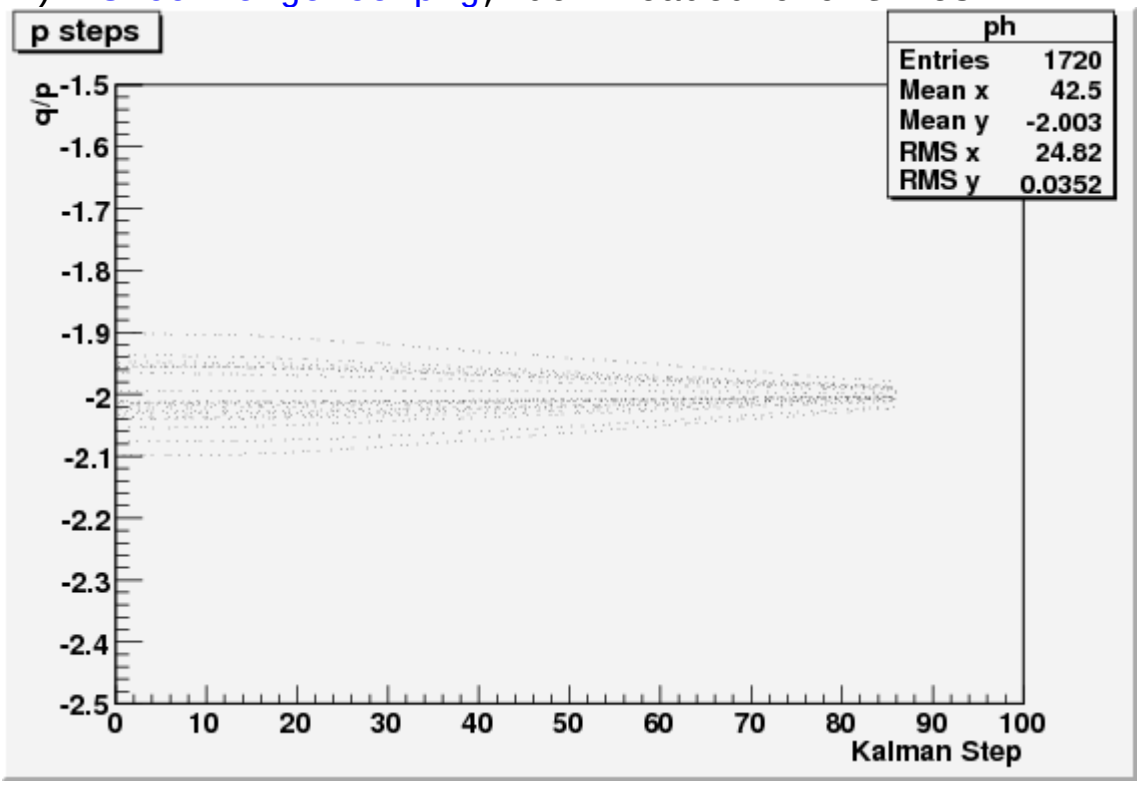
At the moment I have no idea...
Sebastian.

LSLTrackRep:

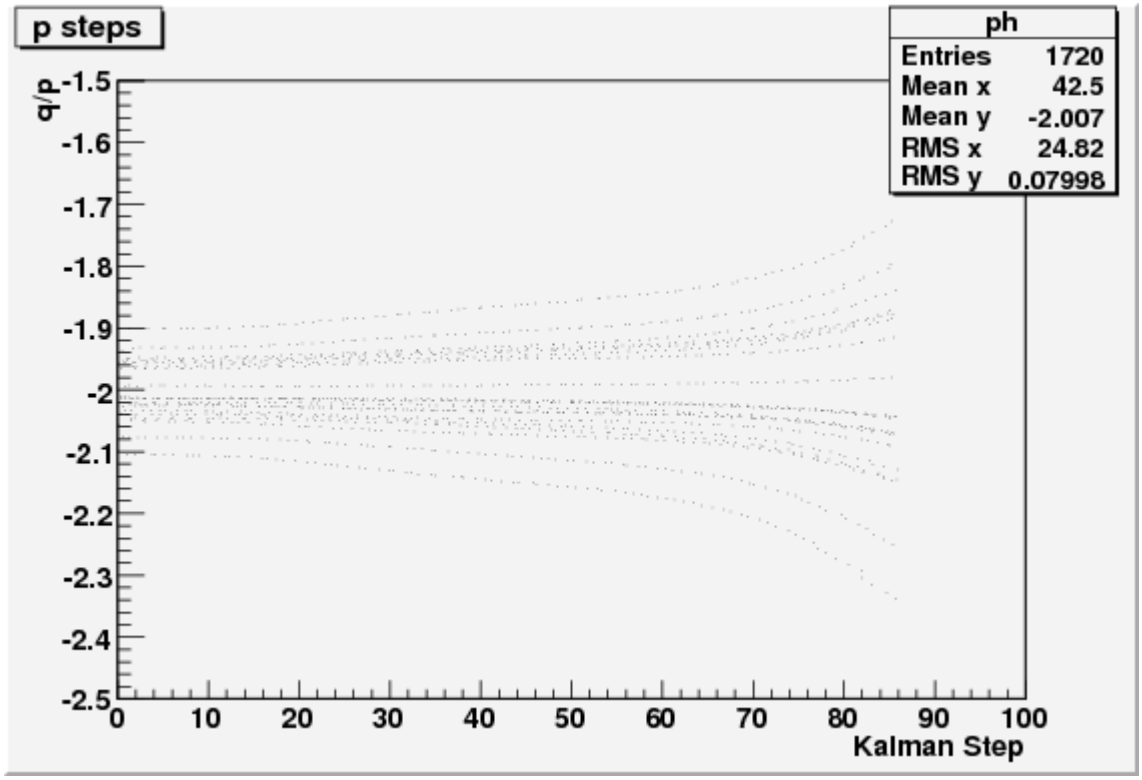
GeaneTrackRep:

## File Attachments

1) LSLConvergence.png, downloaded 979 times




2) GeaneConvergence.png, downloaded 1056 times


p steps
ph
Entries 1720
Mean x 42.5
Mean y -2.007
RMS x 24.82
RMS y 0.07998
q/p
-1.5
-1.6
-1.7
-1.8
-1.9
-2
-2.1
-2.2
-2.3
-2.4
-2.5
0
10
20
30
40
50
60
70
80
90
100
Kalman Step