Subject: Re: Revised CbmGeaneUtil, CbmGeanePro and CbmTrackParP.
Posted by Lia Lavezzi on Tue, 10 Jun 2008 14:48:53 GMT
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Hi Sebastian,

I think the problem might be in the Kalman calculation since q/p is used instead of 1/p as first parameter. I say this because using the mu+ in the runDemo.C I get good results. I tried changing the Kalman.cxx code in order to use 1/p (I attach here the changed file, if you search for the word CHECK you' ll find my changes) and it seems to me that it works for both negative and positive particles. Please check if it works also for you and if yes I think that the covariance change of sign is not a problem (I checked more accurately and also in STT it happens sometimes).

Please let me know!

Ciao,

Lia.

File Attachments

1) Kalman.cxx, downloaded 569 times