Subject: Re: Official code for tracking TDR
Posted by StefanoSpataro on Thu, 05 May 2011 13:14:35 GMT

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I have created the first analysis folder, psi3770, with also the .dec file and the dpm tuned at the proper energy. Only STT version there, up to now I have no feedback from TPC group on which code to use.

Slowly I will add further folders, once we will establish the models to use.

I have tried simulating 1000 dpm events and 100 evtgen models.
At the reco level (as explained in my previous post), I have the following crash (still with feb11):

*** PndRecoKalmanFit::Exec Genfit Exception: trk->addHitVector
from PndMixBackgroundEvents : in this evt 7 evts of bkg are added, with the following times :
 t = -119.7
 t = -166.3
 t = 1.593
 t = 12.03
 t = 68.07
 t = 70.01
 t = 185.0
Found Tracks: 36 in event no. 86
----
glp_set_mat_col: j = 11; ind[5] = 0; row index out of range
Error detected in file glpapi01.c at line 878

I have tried with may11 and the crash does not appear, but I have not used exactly the same seed and I would like to be sure that we will not fall again in this crash.

A general comment, I have seen many log messages that I think should be avoided, in order to reduce the disk space for log messages.