Subject: problem with complete simulation in macro/run Posted by Klaus Götzen on Mon, 08 Feb 2010 14:10:45 GMT View Forum Message <> Reply to Message

Hi,

in order to create some full simulation events I tried to run the macros in macro/run, namely

sim_complete_tpc.C digi_complete_tpc.C reco_complete_tpc.C

with the default evtgen input file. During runtime of the reco macro I see loads of messages like

GFException thrown with excString: GEANE propagation failed in line: 169 in file: /u/kgoetzen/work/testfair13/trunk/GenfitTools/trackrep/GeaneTrackRep/Gea neTrackRep.cxx with fatal flag 0 GFException thrown with excString: GEANE propagation failed in line: 272 in file: /u/kgoetzen/work/testfair13/trunk/GenfitTools/trackrep/GeaneTrackRep/Gea neTrackRep.cxx with fatal flag 0

and it ends with

-I- PndDchMatchTracks: Dch track matching -I-

Empty Track. No hits/digis inside -I- PndMvdPixelClusterTask: 14 Mvd Clusters and 14 Hits calculated. sighandler for sig 8

So I don't know whether this is sane or not, but at least the output file reco_complete.root is not closed correctly, and there seem to be no reco'd tracks inside.

Am I doing something wrong, or is there a more recent method to perform full simulation with EvtGen input?

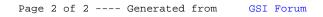
Cheers and thanks,

Klaus

Subject: Re: problem with complete simulation in macro/run Posted by StefanoSpataro on Mon, 08 Feb 2010 14:43:09 GMT View Forum Message <> Reply to Message I have reported this problem already here: http://forum.gsi.de/index.php?t=tree&th=2695&start=0&rid=307

This is a bug of PndGemTrackFinderOnHits::RemoveCloneTracks (division by zero) not yet fixed.

I suppos Radek will fit it, meanwhile you could comment out the gen track finder task.



Hi,