
Subject: problem with complete simulation in macro/run
Posted by [Klaus Götzen](#) on Mon, 08 Feb 2010 14:10:45 GMT
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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/kgotzen/work/testfair13/trunk/GenfitTools/trackrep/GeaneTrackRep/GeaneTrackRep.cxx
with fatal flag 0
GFException thrown with excString:
GEANE propagation failed
in line: 272 in file: /u/kgotzen/work/testfair13/trunk/GenfitTools/trackrep/GeaneTrackRep/GeaneTrackRep.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 [Stefano Spataro](#) on Mon, 08 Feb 2010 14:43:09 GMT
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Hi,

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.
