
Subject: geane propagation: floating point exception

Posted by [Sebastian Neubert](#) on Mon, 01 Oct 2007 14:02:37 GMT

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Hi!

If I run the demo and try to use geane with the kalman filter I get the following error. Somehow a 0 momentum is appearing. It appears to me to be inside CbmGeanePro, since in geaneTrackRep the values look alright. I am not sure where the bug is.

Could anyone try to reproduce this, please!

```
*** S/R ERPROP  IERR =  2
```

```
*** Error in subr. TRPROP  2  called bysubr. ERPROP
```

Program received signal SIGFPE, Arithmetic exception.

[Switching to Thread -1235680064 (LWP 3919)]

0xb35f5757 in CbmTrackParP::SetTrackPar (this=0xbfb1210, X=-34.426101684570312, Y=-99.556777954101562,

Z=-54.186264038085938, Px=-0, Py=0, Pz=-0, Q=-1, CovMatrix=0xbfb0af0,

o=<incomplete type>,

dj=<incomplete type>, dk=<incomplete type>)

at

/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/trackbase/CbmTrackParP.cxx
:246

246 fQp = fq/P;

Cheers! Sebastian.
