Subject: macro_pid.C - crash due to kSigFloatingException
Posted by Elisabetta Prencipe (2) on Tue, 13 Aug 2013 09:58:46 GMT
View Forum Message <> Reply to Message

Dear Stefano,

my macros have nothing special at this level. I attach here all 4 (it is the last analysis attempt which I have performed in the trunk. A dummy particle is used, as in the evt.pdl file I did not see the Y(4260). It is the one supposed to have spin 1 and charged = 0. The pandaroot revision is 21003).

Just to summarize: the same kind of crash as I posted last week occurs at the events:

432
467
900
1907
5213

I run those interactively, not on the grid, as I am not simulating millions of events, but I am debugging the code.
Last Saturday I processed 5000 events, and it looked ok. This week I have again the problem that we are talking here, on a sample of 7000 generated events.
I am running the last 1500 events right now by the pid macro).

Thanks a lot to take care of this. Here are the macros + the dec file (copied and past from the /tutorial/rho, basically). As mentioned, here I am simulating the psi(4160) and I am trying to study some interference effect due to Y(4260). So the momentum is calculated at a mass point in between those 2 states.

Best regards, Elisabetta

File Attachments

1) tut_dig.C, downloaded 448 times
2) tut_rec.C, downloaded 458 times
3) tut_pid.C, downloaded 493 times
4) tut_sim.C, downloaded 472 times
5) Ymix.dec, downloaded 479 times