Subject: Re: tut_pid.C - crash due to kSigFloatingException

Posted by Jens Sören Lange   on Wed, 14 Aug 2013 13:44:52 GMT

Hi all,

please let me bring up the quiz question of the day.

It appears that the crashes are in geane in the pid step.

However, we have geane in 2 places.

1. the reco macro

here geane is used in the tracking without any crash.

2. then afterwards the pid macro

here geane is basically only used for the track extrapolation to EMC (for E/p), DRC (to combine the track pT with the Cerenkov angle) etc. etc. It means: there is no re-tracking anymore (correct?).

But, here there are crashes for the same (!) events and same (!) tracks, for which geane in the reco macro was already running fine without any crashes.

So, it means, something must be different between geane in the reco step ("good") and geane in the pid step ("bad").
-> different error matrices ? different track init parameters?

regards, Soeren