
Subject: Running Pythia input on Geant4 not working

Posted by [Raghav Kunnawalkam](#) on Mon, 09 Jul 2012 20:21:16 GMT

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Hi All

I can successfully run a pythia6 output file into my detector using Geant3 but the same when it try to do Geant4 does not work.

I do have Geant4 working and it all works if i just create a particle using fairboxgenerator and shoot it. But the problem only arises when i try to use pythia output as the input to my detector.

Here is the error message that root tells me (after telling me a lot about geant4)

Run 0 start.

[INFO] [09.07.2012 16:04:58] [FairPrimaryGenerator.cxx::GenerateEvent:170]

FairPrimaryGenerator: (Event 1) 27 primary tracks from vertex (0.000000, 0.000000, 0.000000)
) Event Time = 0.000000 (ns)

TG4PrimaryGeneratorAction::TransformPrimaries:

G4ParticleTable::FindParticle() failed for string pdgEncoding=92.

*** TG4Exception: Aborting execution ***

WARNING - Attempt to delete the physical volume store while geometry closed !

WARNING - Attempt to delete the logical volume store while geometry closed !

WARNING - Attempt to delete the solid store while geometry closed !

WARNING - Attempt to delete the region store while geometry closed !

Warning in <TStreamerInfo::Build>: TStreamerBase: base class TStreamerElement has no streamer or dictionary it will not be saved

raghav:macros raghav\$

I also dont know why those warnings are always appearing. So far i am just ignoring them and it seems that there is no problem.

Thanks for your help

Cheers

Raghav
