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Subject: Geant4 floating point exception

Posted by [Sebastian Neubert](#) on Wed, 01 Aug 2007 10:07:57 GMT

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Hi!

I tried to simulate lambdas (generated with EvtGen) and I get the following error. Any idea?

Program received signal SIGFPE, Arithmetic exception.

[Switching to Thread -1235704640 (LWP 29419)]

0xb29d8b6f in G4UrbanMscModel::SampleCosineTheta ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4emstandard.so

(gdb) bt

#0 0xb29d8b6f in G4UrbanMscModel::SampleCosineTheta ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4emstandard.so

#1 0xb29d8732 in G4UrbanMscModel::SampleSecondaries ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4emstandard.so

#2 0xb2a6dd86 in G4VMultipleScattering::PostStepDolt ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4emutils.so

#3 0xb173432b in G4SteppingManager::InvokePSDIP ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4tracking.so

#4 0xb173429f in G4SteppingManager::InvokePostStepDoltProcs ()

from /afs/e18/panda/SIM/FAIRRoot/cbmsoft/transport/geant4/lib/Linux-g++/libG4tracking.so

#5 0xb1731efa in G4SteppingManager::Stepping ()

Cheers! Sebastian.

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