Subject: Re: Segmentation Violation when simulating events with run_sim1.C
Posted by Marius Mertens on Wed, 04 Feb 2009 13:41:50 GMT
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Hi Ralf,

the only changes in the macro were the use of PndFlatParticleGenerator and taking the number of events to generate and the output file to generate as parameters.

I have included the output before the actual error in the spoiler below, which basically looks that way for a few hundred events before the crash.

Toggle Spoiler
>>> Event 1825
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 182.7 20 1
phi, cosTheta, p: 182.7 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1826
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 182.8 20 1
phi, cosTheta, p: 182.8 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1827
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 182.9 20 1
phi, cosTheta, p: 182.9 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1828
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 183 20 1
phi, cosTheta, p: 183 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1829
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 183.1 20 1
phi, cosTheta, p: 183.1 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1830
CbmMCApplication::GeneratePrimaries()
outerVal, midVal, innerVal: 183.2 20 1
phi, cosTheta, p: 183.2 0 1
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1831

*** Break *** segmentation violation

...

What irritates me a little is that it worked a while ago before I updated my Pandaroot

installation.

Best regards,

Marius