Subject: [FIXED] simpleEvtGen
Posted by Lu Cao on Thu, 15 May 2014 14:53:32 GMT
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Hi all,

I try to use simpleEvtGen/simpleEvtGenRO with the scurt14 #24910, but it doesn't work unfortunately. The printing out info is as following:

>./simpleEvtGenRO pbarpSystem dspair.dec 1000000 8.0 -1

EvtGen:Initializing EvtGen
EvtGen:No random engine given in EvtGen::EvtGen constructor, will use default EvtSimpleRandomEngine.
EvtGen:Storing known decay models
EvtGen:Defining EvtBcToNPi model: Bc -> V + npi and Bc -> P + npi decays
from A.V. Berezhnoy, A.K. Likhoded, A.V. Luchinsky: Phys.Rev.D 82, 014012 (2010) and arXiV:1104.0808.
EvtGen:Main decay file name :DECAY.DEC
EvtGen:PDT table file name   :evt.pdl
EvtGen:In readDecayFile, reading:DECAY.DEC
EvtGen:Expected to find a model name,found:PYTHIA on line 220
EvtGen:Will terminate execution!
Aborted

Here, the DECAY.DEC file is a copy of DECAY_2010.DEC in pandaroot/pgenerators/EvtGen/EvtGen/R01-03-00.

Could someone have a check or help to fix? Many thanks.

Best regards,
Lu

Subject: Re: simpleEvtGen
Posted by StefanoSpataro on Thu, 15 May 2014 15:34:58 GMT
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You should use DECAY.DEC and evt.pdl from Private folder.

Subject: Re: simpleEvtGen
Posted by Lu Cao on Thu, 15 May 2014 15:38:16 GMT
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Hi,

what do you mean by Private folder? I copied DECAY.DEC and put it in /buildpanda/bin/.

Best,
Lu

Subject: Re: simpleEvtGen
Posted by StefanoSpataro on Thu, 15 May 2014 16:25:33 GMT
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You should copy the DECAY.DEC and evt.pdl from pgenerators/EvtGen/EvtGen/Private, and not from pgenerators/EvtGen/EvtGen/R01-03-00.

Subject: Re: simpleEvtGen
Posted by Lu Cao on Fri, 16 May 2014 06:28:55 GMT
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Hi Stefano,

I tried it, but it only makes the simpleEvtGen work smoothly. The simpleEvtGenRO sitll doesn't work and the same error info is shown.

Best,
Lu

Subject: Re: simpleEvtGen
Posted by StefanoSpataro on Fri, 16 May 2014 06:53:33 GMT
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Can you upload the decay.dec, evt.pdl and the .dec file you are using?

Subject: Re: simpleEvtGen
Posted by Lu Cao on Fri, 16 May 2014 06:56:24 GMT
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Sure. Here they are...

>./simpleEvtGenRO pbarpSystem dspair.dec 10 8.0 -1

best,
Lu

File Attachments
1) DECAY.DEC, downloaded 532 times
2) evt.pdl, downloaded 506 times
3) dspair.dec, downloaded 496 times

Subject: Re: simpleEvtGen
Posted by StefanoSpataro on Fri, 16 May 2014 09:19:42 GMT
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Update your simpleEvtGenRO.cc, now it should be fixed. Do you also need in for the scrut14 or the trunk is enough?

Subject: Re: simpleEvtGen
Posted by Lu Cao on Fri, 16 May 2014 09:41:19 GMT
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Great!
Please also put it in the scrut14.

Thanks.

Lu

Subject: Re: simpleEvtGen
Posted by StefanoSpataro on Fri, 16 May 2014 09:47:47 GMT
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Done.

Subject: Re: simpleEvtGen
Posted by Lu Cao on Fri, 16 May 2014 11:08:51 GMT
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It works fine now:) Thanks.

Best,
Lu