Subject: simpleEvtGen for fast simulation limited (?)
Posted by Aleksandra Biegun on Fri, 15 Feb 2008 12:09:24 GMT
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Hi Klaus, hi Stefano,

when I run ./simpleEvtGen 'psi(2S)' psi2s_jpsi2pi.dec 50000 (according to Klaus presentation), the program only run up event 48173 (every time it stops at the same event) and I have such message:

```
 EvtGen:event Number     47900
 EvtGen:event Number     48000
 EvtGen:event Number     48100
 ************************************************************
 *
 * PHOENE: Too much Bremsstrahlung required, PRSOFT = -1.445127
 * Fatal Error Message, I stop this Run !
 *
 *
 ************************************************************
```

Do you know why?

Cheers,
Ola.

Subject: Re: simpleEvtGen for fast simulation limited (?)
Posted by Aleksandra Biegun on Tue, 26 Feb 2008 10:50:14 GMT
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Hi Stefano, hi Klaus, hi Others,

I checked simpleEvtGen with rev. 2039 and I still have similar problem (I reportet 15.02.08), that the EvtGen stops at some point, but now, it stops even earlier (??), at 7034 event..

```
EvtGen:event Number     6900
EvtGen:event Number     7000
  ************************************************************************ ********
 *                                                      *
 * PHOENE: Too much Bremsstrahlung required, PRSOFT =      -0.108210          *
 * Fatal Error Message, I stop this Run !                                *
 *                                                      *
  ************************************************************************ ********
```

I checked pandaEvtGen and testEvtGen (also for rev. 2039) and with these I do not have such problem (I run 100000 events).

Any idea?

Ciao,
Ola.

Subject: Re: simpleEvtGen for fast simulation limited (?)
Posted by Oscar Reinecke on Mon, 20 Oct 2008 12:44:10 GMT
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Yes the same thing happened to me as well:

Toggle Spoiler

```
Best regardsEvtGen:event Number     16900
  ********************************************************************** ********
 *                                                          *
 * PHOENE: Too much Bremsstrahlung required, PRSOFT =       -0.585673          *
 * Fatal Error Message, I stop this Run !                                  *
 *                                                          *
  ********************************************************************** ********
```

Oscar

Subject: Re: simpleEvtGen for fast simulation limited (?)
Posted by Oscar Reinecke on Mon, 20 Oct 2008 13:19:10 GMT
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Never mind, I fixed it. Apparently PHOTOS can not handle decays into six particle final states, so I disabled it by adding 'noPhotos' to the decay file.

Best regards

Oscar

Subject: Re: simpleEvtGen for fast simulation limited (?)
Posted by Jens Sören Lange on Mon, 20 Oct 2008 13:21:41 GMT
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Hi all,

this seems like the problem is coming from PHOTOS.

and it means that PHOTOS was switched on in the EvtGen decay.

like this

Decay J/psi
1.000 e+ e- PHOTOS VLL;
Enddecay
End

can you maybe remove the word "PHOTOS" and try again?

Soeren
