Subject: EvtGenDirec/PHOTOS
Posted by Alaa Dbeyssi on Tue, 22 May 2018 11:57:13 GMT
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Hi,

I am generating the process ppbar->e+e- using EvtGenDirect and switching on PHOTOS (release Dec17p1, macros from /pandaroot/macro/run, p=1.5 GeV).
It seems that PHOTOS is not working properly here since the invariant mass of the e+e- is alway equal to the theoretical value 2.254 GeV (no radiative tail and no photon emission).
There is also warning from PHOTOS:

WARNING from PHOTOS: "Momentum not conserved in the vertex". The log file is attached.
By switching on PHOTOS, means I don't write "noPhotos" in the decay file. Is this correct?

thank you for your help.
Alaa
//////////////////
The decay file is:

```
Decay pbarpSystem
  1.0  e+ e-     PHSP;
Enddecay

End
```
//////////////////

File Attachments

1) myjob0.1199595.x2257.out, downloaded 624 times