
Subject: [FIXED] EvtGen J/psi decay

Posted by [Alexandr Zinchenko](#) on Sun, 03 Aug 2014 09:54:30 GMT

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Hello.

I was running macros from the tutorials/rho directory, where a simple decay chain is considered described

in psi2s_Jpsi2pi_Jpsi_mumu.dec file. There J/psi is forced to decay into 2 muons:

Decay J/psi

```
1.0 mu+ mu- VLL;
```

Enddecay

As far as I could understand from some EvtGen manuals, this should be an EXPLICIT 2-muon decay. But, when running

tut_ana_mclist.C macro, I can see that for quite a few events in addition to 2 muons there (is) are extra photon(s) produced

in J/psi decay (I suppose, the radiative corrections are switched on - which should not be the case to my understanding).

Can anybody comment on this?

Thanks.

Subject: Re: EvtGen J/psi decay

Posted by [Stefano Spataro](#) on Sun, 03 Aug 2014 11:38:56 GMT

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These are ISR photons which you should switch off, writing "noPhotos" in the first line of your dec file.
