
Subject: Re: eta_c generation with EvtGen
Posted by [Stefano Spataro](#) on Fri, 02 Dec 2011 19:52:55 GMT
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Hi,

I have tried to apply the same change for the psi channel, with the following dec:

```
spataro@briareos:~/trunk/pandaroot/macro/run/tdrct/psi3770$ cat psi3770_fix.dec
noPhotos
#
Decay pbarpSystem
1.0 D+ D- VSS;
Enddecay
#
Decay D-
1.0 K+ pi- pi- PHSP;
Enddecay
#
Decay D+
1.0 K- pi+ pi+ PHSP;
Enddecay
#
End
```

The problem is that in this case pbarpSystem is not a vector, then I have the following error:

```
EvtGen:In readDecayFile, reading:psi3770_fix.dec
EvtGen:As requested, PHOTOS will be turned off.
EvtGen:VSS did not get the correct parent spin
pbarpSystem -> D+ D- (VSS):
EvtGen:Will terminate execution!
```

I am not sure on what this VSS model is doing, now the question if it we should put phase space as model, or set the initial spin of pbarpSystem to 1 in the evt.pdl... but there is no reason that a pbar p collision would have only a spin 1!
I could put phase space, but before starting I would like to know what we should use exactly...

Ok, I will run with Phase Space to save some time, waiting for some comment on this side.
