Subject: Re: Question about update version for mar14
Posted by Klaus Götzen   on Fri, 04 Apr 2014 11:45:53 GMT
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Hi,

there is another issue which I'd like to mention: At the moment, the default behaviour of DPM Gen is to hand particles like pi0, K_S, Lambda, etc, over to Geant without decaying them. Therefore these events are not suitable for the fast simulation studies where no transport software is used.

Aida is currently working to implement a possibility to control this by parameters. Therefore you either have to patch DPMGen in your own pandaroot (pgenerators/DpmEvtGen/init.f, lines 140ff)


```
136 C----------------------------------------------------------------
137 C   IF IT IS NEEDED TO POINT OUT THE OTHER STABLE
138 C   PARTICLES, PUT CORRESPONDING ISTAB = 1
139 C----------------------------------------------------------------
140     IDSTAB(17)=1  ! \Lambda
141     IDSTAB(18)=1  ! Anti_Lambda
142     IDSTAB(19)=1  ! K^0_s
143     IDSTAB(23)=1  ! \pi^0
144 C   IDSTAB(33)=1  ! \rho_0
145 ccc aida
146 c     IDSTAB(31)=1  ! eta
147 c     IDSTAB(35)=1  ! omega
148 c      IDSTAB(95)=1  !eta'
```


by setting the IDSTAB parameters to 0 and recompiling, or you wait for the official update from Aida.

Best,
Klaus