
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 π^0 , K_S , Λ , 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
