
Subject: Question about update version for mar14
Posted by [donghee](#) on Thu, 03 Apr 2014 14:31:40 GMT
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Hi all,

I have produced quite amount of fast simulation data with before updated version of mar14, so with first version of mar14 since yesterday evening.
I see that not only neutral list has been fixed but also few things have been updated by Klaus for Mdt(MUO) PID and EMC PID part since yesterday afternoon.
Since when exactly Mdt and EMC PID has been fixed? First version or updated version.

Best wishes,
Donghee

Subject: Re: Question about update version for mar14
Posted by [Klaus Götzen](#) on Thu, 03 Apr 2014 16:44:01 GMT
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Hi Donghee,

I checked in the fix (according to svn browser) yesterday at around 6pm. It was the first update after the release was created. But I think in mar14 there still a fix by Ralf for the PndAnalysis.FillList is due. He just updated the trunk up to now I think.

Best,
Klaus

Subject: Re: Question about update version for mar14
Posted by [Ralf Kliemt](#) on Fri, 04 Apr 2014 06:50:59 GMT
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Hi.

The neutral list fix is inserted to the mar14 release.

Cheers
Ralf

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
