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Subject: Re: new FTF generator in pandaroot  
Posted by [donghee](#) on Mon, 22 Sep 2014 21:29:55 GMT  
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Hi Aida,

I have a question about stable particle in FTF.

In DPM, some generated particles are stable, which is  $\text{Pi}^0$ ,  $\text{K}_S^0$ ,  $\text{Lambda}$ , anti- $\text{Lambda}$ , etc. I am now interested in the fundamental kinematics of both generators. At pure stand-alone generator study or fast simulation, they (stable particles) are normally turning to be unstable for DPM case.

If I want to do same study with FTFFGen at fast simulation or stand-alone generator, Do I need to allow decay in order to compare with DPM generator. What about the situation for this at FTF generator?

At full simulation, all stable particles will be decayed at GEANT level afterwards, therefore we don't need to care about it. But generator level or fast simulation case, we have to know correctly how they are handled.

Best wishes,  
Donghee

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