
Subject: Re: Lambda Lambdabar simulations
Posted by [donghee](#) on Thu, 17 Apr 2014 14:09:53 GMT
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Hi Stefano,

I do not apply any cuts for this distribution.
I want to understand also what is going on between 0 to 7 degree.
Whether is it lambda specific due to V0 decay or some bug in the code.

Idea behind this plot is that we can use stt alone mode, which has a best acceptance in the fast simulation.

Quote:

```
fastSim->AddDetector("ScSttAlone", "tthMin=0. tthMax=160. ptmin=0.0 pmin=0.0 pRes=0.001  
tthRes=0.001 phiRes=0.001 efficiency=1.0");
```

With option "EmcBar Drc Dsc", only above STT alone will be used and can see what will happen in the acceptance.

If I use standard mode with stt+mvd+gem in addition FwSpec, the spectrum looks same, cannot find any lambdabar between 0 and 7 region.

Best wishes,
Donghee

File Attachments

1) [simfast_opt.C](#), downloaded 407 times
