Subject: Lambda-Lambdabar model in EvtGen
Posted by donghee on Tue, 01 Apr 2014 23:09:45 GMT

Hi,

To do more realistic MC simulation for lambda lambdabar production, I have a look the EvtLambdaLambdaBar.cpp.
Below 2.5 GeV the parameterization is not valid any more. I am wondering that this private model can be used with P_beam > 3GeV?

In DPM MC, anti-lambda would be boosted into the forward direction, that is reported by FTOP group report in last collaboration meeting.
I am wondering whether an effective way to have such effect within EvtGen and can control in generator level specially with EvtGen framework or not?

There are also three different models in EvtGen/Private with "", "HE" and "Pol", I guess some polarization effect can be controlled with some option.
Where can I find the instruction or reference for these Models.
Could you make some comment on that?

Best wishes,
Donghee