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Subject: Re: alternative to LHE tracking

Posted by [Stefano Spataro](#) on Fri, 17 Dec 2010 16:01:14 GMT

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Thanks for your explanations.

I was looking at your efficiency, which seems being around 85% for "high" momenta, comparable to the lhe one. It is ven true that efficiency depends also on how one defines "efficiency", which could be different from my way or the Gianluigi version.

In lhe case, the code is not optimized for stt, I am wondering if here is room for improvement in your code to reach some higher value, or if maybe the low efficiency is connected to the stt geometry itself (but if I remember well Gianluigi had better values).

I think it would be interesting to check resolution as a function of theta and of momentum. Have you used only prefit values or have you run also the kalman?

Regards

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