Subject: Re: Changing t distribution slopes
Posted by Ingo Froehlich on Fri, 05 Aug 2011 21:02:59 GMT
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Dear Michael,

OK now I understand. A dependence of the polar angle on ds/dt has been used for the Delta production. But also here, we sample the polar angle. A direct sampling of more hidden values, like t, is difficult, because these distributions are non-flat, which needs some thinking, otherwise I produce only artifacts.

Such samplings have been, however, also requested by other people (in this case a rapidity distribution). My idea would be that one should be able to add a user-defined distribution for self-defined variables, and this changes then the direct observables, like angles and masses. I think this goes in the same direction.

But this is not yet implemented, and some idea for the next version. I will keep you informed.

What is possible of course right now is to add a calculation of the polar angle, if you have a relation between ds/dtheta <-> ds/dt

Greetings, Ingo