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Subject: Re: Vertex Fitter in Fast simulation  
Posted by [Ralf Kliemt](#) on Wed, 23 Apr 2014 08:01:34 GMT  
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Hi,

Yes, the jacobian is now from (p,theta,phi) to (px,py,pz,e) for charged particles and from (e,theta,phi) to (px,py,pz,e) for gammas.

You may want to try PndKinFitter and set more constraints. No warrenty here. However, our kinematic fitters fit the input node of the decay with all the final state particles. No intermediate decay is considered.

To circumvent that you can apply Lock() (and UnLock()) to a composite candidate. The fitters will then treat it as a final state particle. You'd be the first one to apply that feature. See RhoFitterBase for details.

Cheers  
Ralf

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