Subject: [FIXED] Covariances in FastSim
Posted by Ralf Kliemt on Thu, 10 Apr 2014 10:49:13 GMT
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Good news, everyone.

FastSim now features covariances. Please update your trunk or scrut14 to rev.24408.

A quick example: The KinFitter with the pbarp foumomentum as 4C produces in the example from macro/scrut the following J/Psi mass (red with fit).

Cheers
Ralf

File Attachments

1) jpsifits-fsim.pdf, downloaded 700 times

Subject: Re: Covariances in FastSim
Posted by Matthias Steinke on Thu, 10 Apr 2014 13:36:45 GMT
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Hi Ralf,

these are diagonal covariances, as some of us discussed with Klaus on Monday?

Greetings,
Matthias

Subject: Re: Covariances in FastSim
Posted by Klaus Götzen on Thu, 10 Apr 2014 15:44:52 GMT
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Hi Matthias,

actually the covariances are diagonal in p, theta, and phi, and then transformed to the px, py, pz, E domain. There they are not diagonal anymore.

Best,
Klaus