
Subject: Re: Vertex fitter for eta_c analysis

Posted by [Klaus Götzen](#) on Wed, 13 Jul 2011 15:07:20 GMT

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Hi Dima,

that's good news! Concerning the vertex fit I wouldn't expect too much improvement in mass resolution. In my Babar analysis I never observed significant mass resolution improvements from vertex fits, in particular for short living resonances.

Concerning updating of daughters I thought it's the other way around: I observed that the 4C fitter updates the daughters, but the vertex fitter doesn't...

However I'm taking a closer look at it anyways...

Cheers,
Klaus