
Subject: Re: Update on eta_c reconstruction with STT and TPC

Posted by [Lia Lavezzi](#) on Sat, 30 Jul 2011 13:34:10 GMT

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Quote: Looking on the number of counts in eta_c peak with 80 vs 8000, I can add that number of analysed events is 2000 vs 100k. So drop of efficiency by factor 2 appears already on this level.

And concerning the error at lower statistics (calculating it as a square root of number of reconstructed eta_c) it's about 1%, i.e. 15+/-1 % vs 23%. So the numbers are not really compatible within errors, (maybe it's just a matter of fluctuation).

Hi Dima,

you are right, considering these numbers I am also wondering if it is really just statistics. Let's see what happens with more events.

Cheers,

Lia.
