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Subject: Re: Update on eta\_c reconstruction with STT and TPC  
Posted by [Dima Melnychuk](#) on Sat, 30 Jul 2011 15:57:18 GMT  
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Hi Felix,

the numbers I quoted in one of my post, i.e.

Efficiency | sigma(eta\_c) | sigma(phi)

pion:

27.04% | 11.74 MeV | 3.61 MeV

kaon:

27.29% | 11.94 MeV | 3.55 MeV

is for 2000 events statistics, and producing higher number of events is rather time consuming. And here statistical errors for efficiency are around 1.3%. I plan till Monday to produce 5000 events with pion hypotheis, but it will not decrease errors below the difference between pion and kaon hypotheses I quote here.

Dima

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