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Subject: Re: eta\_c with event mixing for STT  
Posted by [Dima Melnychuk](#) on Thu, 08 Sep 2011 00:48:23 GMT  
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Hi all,

With the latest run eta\_c events produced with STT with background mixing are reconstructable.

Multiplicity of reconstructed tracks is rather high:

With rough pre-selection on phi mass invariant mass distributions looks like:

So there is small indication of eta\_c peak.

But after the final selection:

eta\_c is reconstructed with efficiency 3.3%

Dima

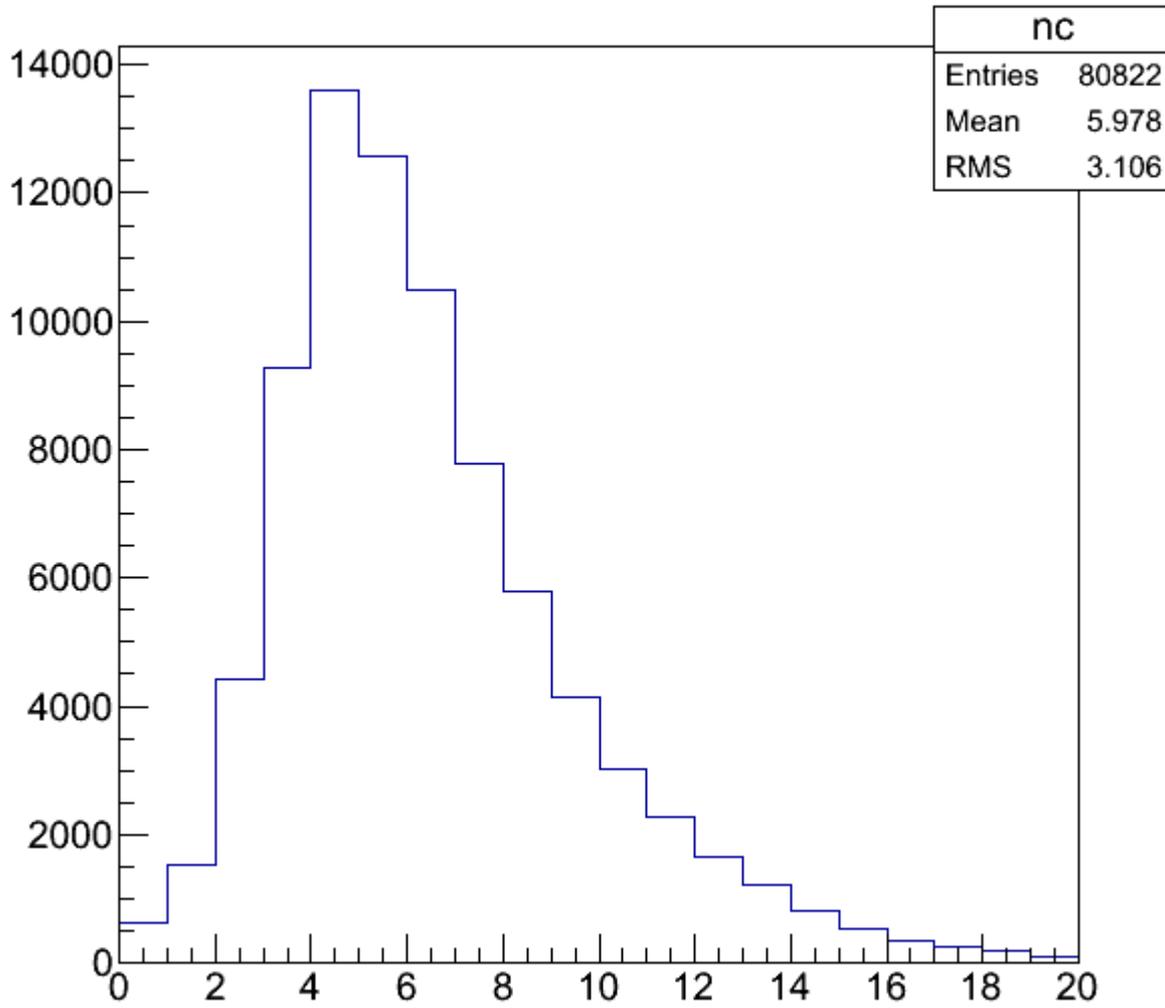
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#### File Attachments

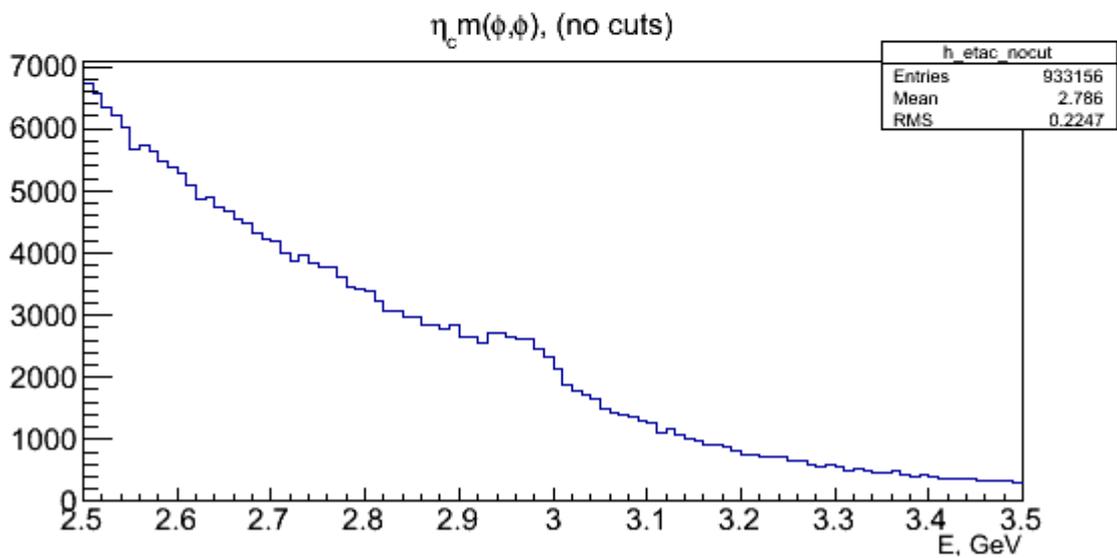
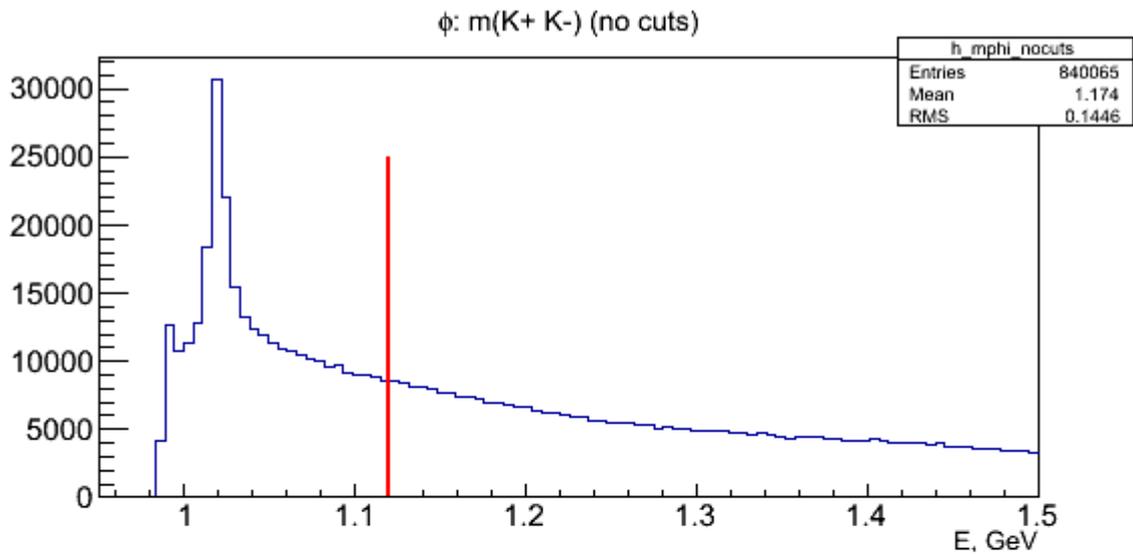
1) [n\\_charged\\_stt\\_mix.png](#), downloaded 967 times

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# n charged



2) [m\\_nocuts\\_stt\\_mix.png](#), downloaded 1074 times



3) [m\\_final\\_vtx\\_stt\\_mix.png](#), downloaded 1029 times

