
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:

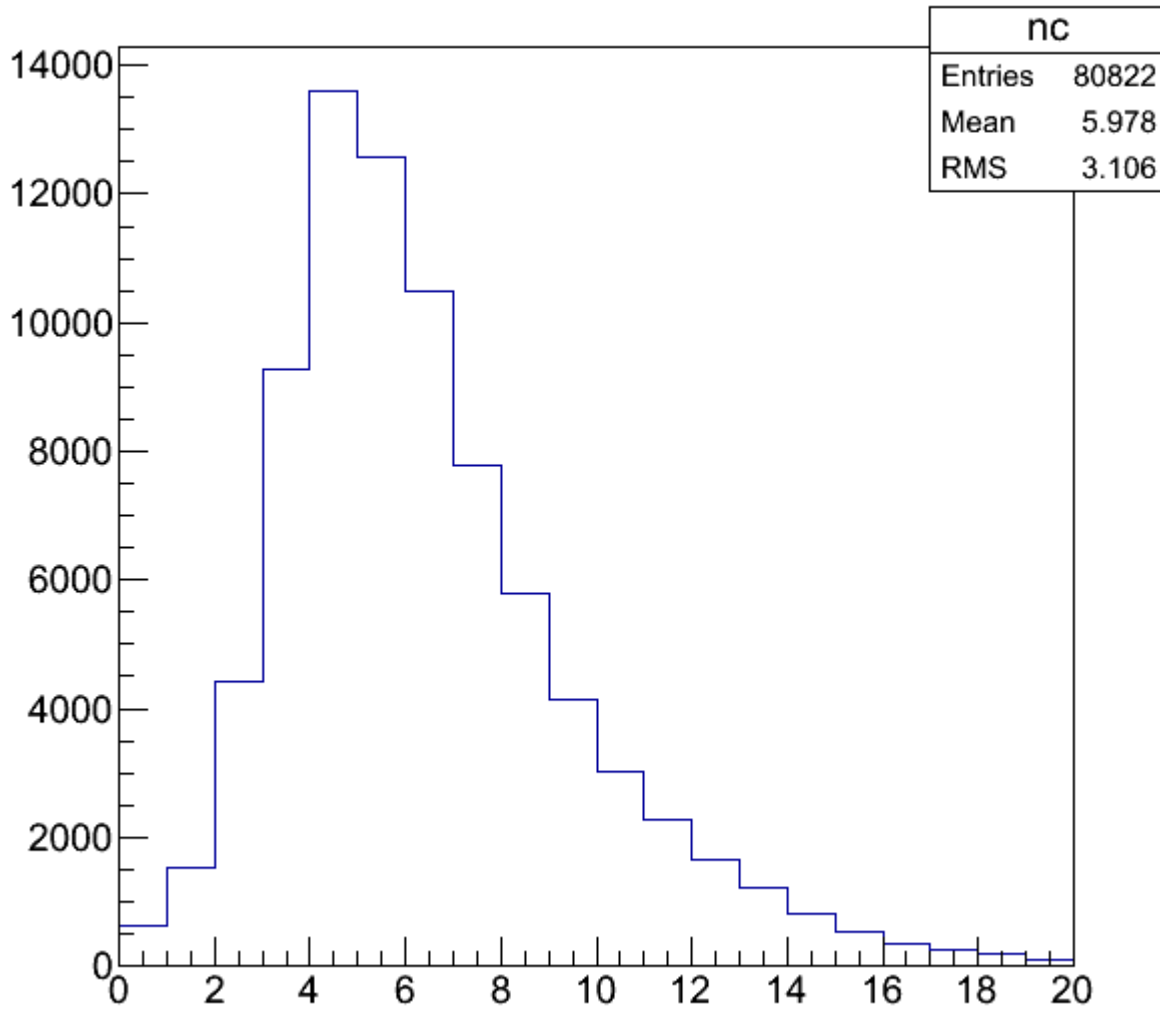
eta_c is reconstructed with efficiency 3.3%

Dima

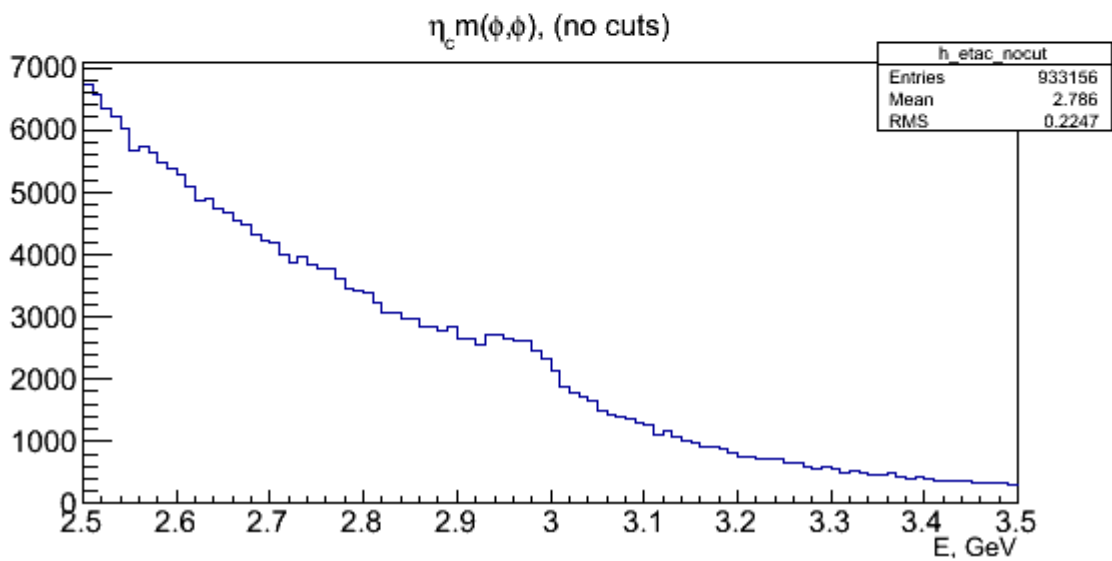
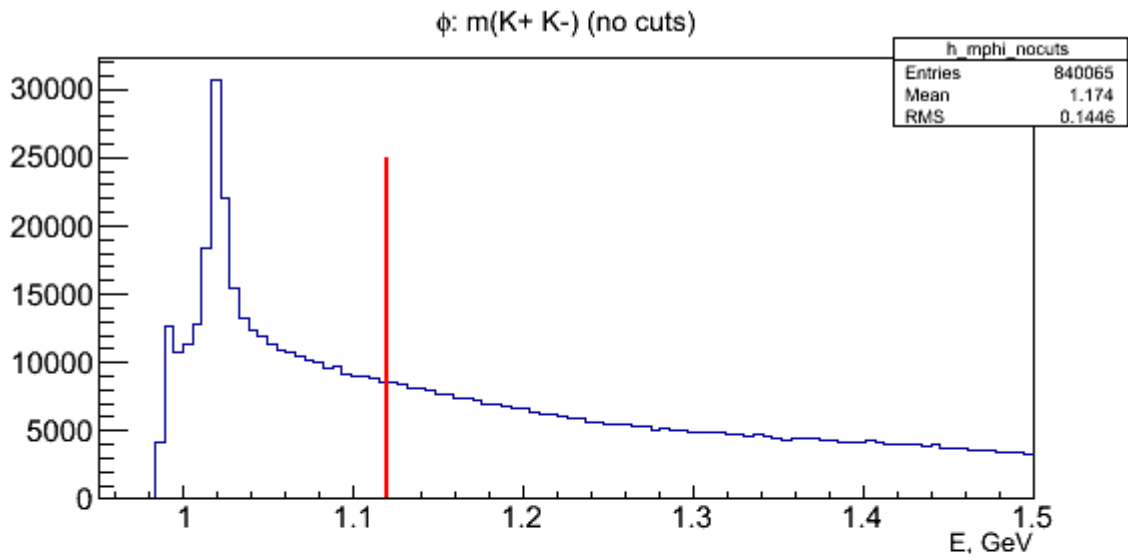
File Attachments

1) [n_charged_stt_mix.png](#), downloaded 1060 times

n charged



2) [m_nocuts_stt_mix.png](#), downloaded 1180 times



3) [m_final_vtx_stt_mix.png](#), downloaded 1152 times

