
Subject: Re: eta_c with event mixing for STT
Posted by [Dima Melnychuk](#) on Fri, 02 Sep 2011 09:37:40 GMT
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Dear colleagues,

Here I update plots on eta_c reconstruction with STT and event mixing with runs mix301, mix311, mix321, mix331.

There is an improvement comparing to previous results but the results are still far from reasonable.

Multiplicity of charged tracks:

23% of events have ≥ 4 tracks in comparing to 8% in previous run and 72% without event mixing.

And invariant mass of phi and eta_c with preselection on phi mass window:

Here phi peak appears but still no indication of eta_c peak.

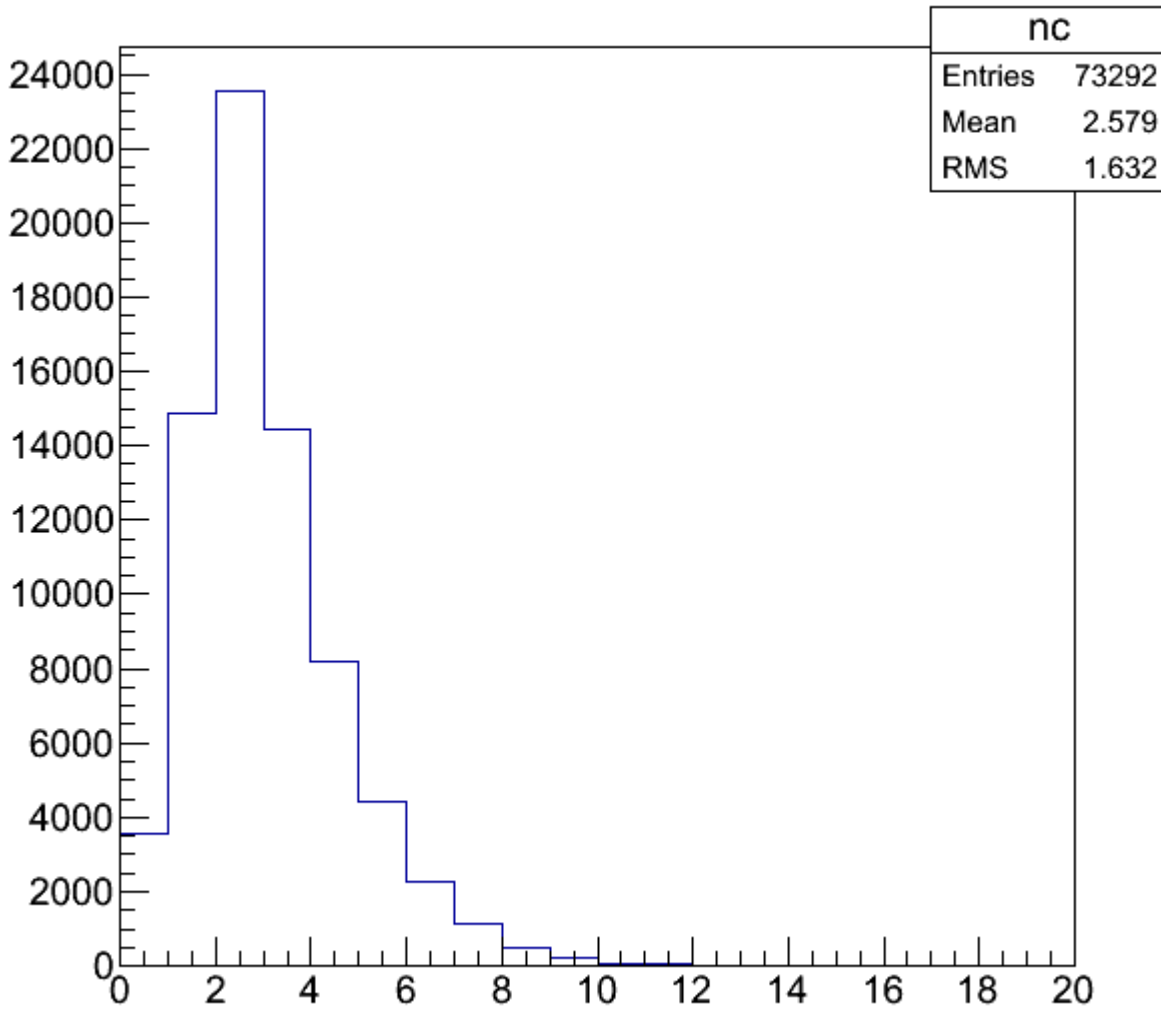
Finally 36 events were reconstructed from 100 k.

Dima

File Attachments

1) [n_charged.png](#), downloaded 515 times

n charged



2) [m_nocuts.png](#), downloaded 543 times

