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Subject: STT reconstruction efficiency in eta\_c analysis  
Posted by [Dima Melnychuk](#) on Thu, 16 Jun 2011 11:46:11 GMT  
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Hi all,

Returning to the problem which was discussed yesterday with STT reconstruction efficiency with the version of stt reconstruction code used on GRID, below I present plots with multiplicity of reconstructed tracks with version used on GRID and latest stt code from svn.

Just to remind it's decay  $\eta_c \rightarrow \phi \phi \rightarrow K^+ K^- K^+ K^-$ , i.e. in ideal case 4 charged tracks are expected.

On GRID:

From SVN:

I.e. problem with drop in reconstruction efficiency is resolved.

Dima

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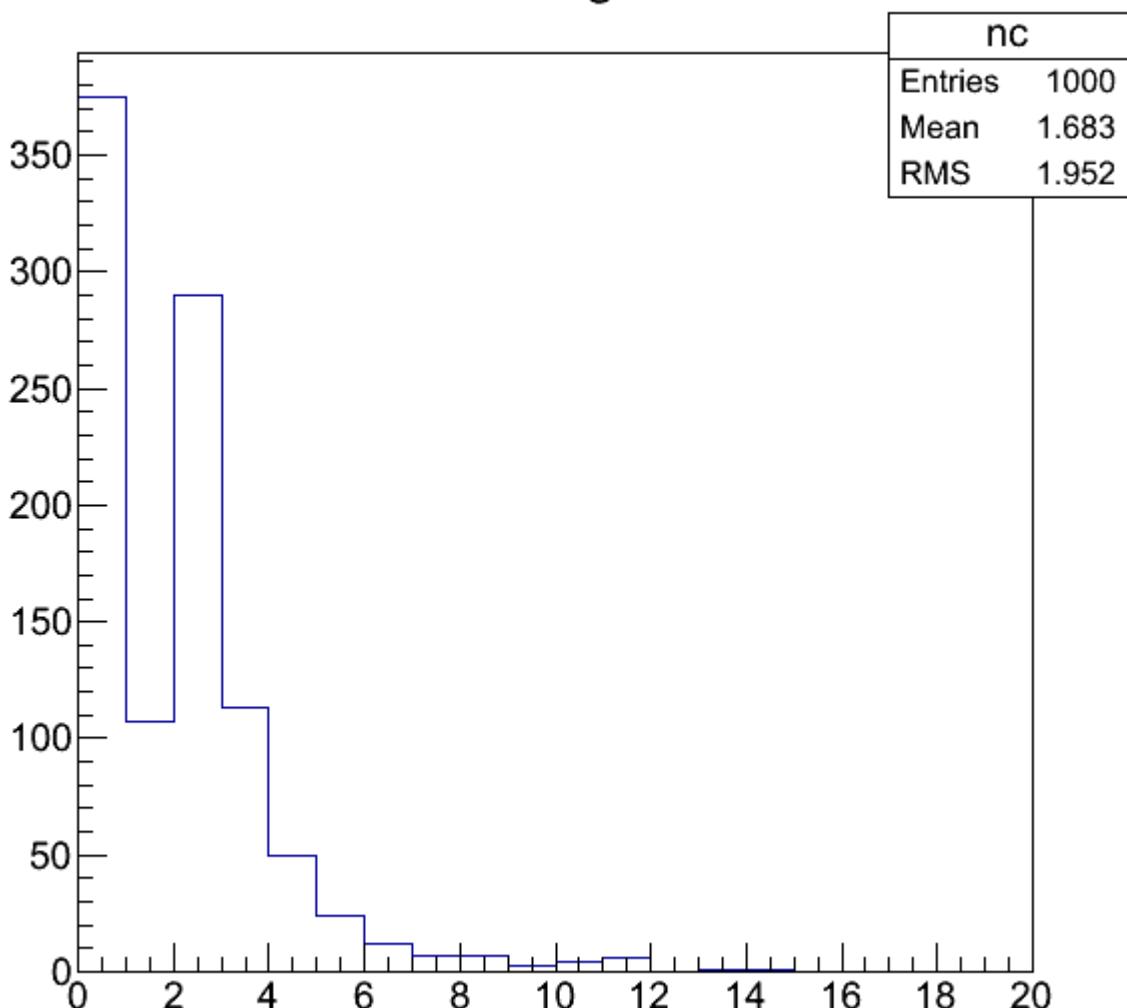
[File Attachments](#)

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1) [n\\_charged.png](#), downloaded 1082 times

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## n charged



2) [n\\_charged\\_new.png](#), downloaded 1077 times

## n charged

