
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

File Attachments

- 1) [n_charged.png](#), downloaded 395 times
 - 2) [n_charged_new.png](#), downloaded 386 times
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