Subject: Re: Small positive chi2 values in PndKinFitter
Posted by Lu Cao on Mon, 27 May 2013 11:14:04 GMT
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Hi,

In the simulation of Ds- -> K+ K- pi-, I found the chi2 values are too small in the mass
constraint fitting of Ds meson, as that in the Ds+ (eta,e+,nu_e) case I mentioned before. And it
seems impossible to filter out the background completely with chi2 cutting to get a delta
function shaped histo for the Ds mass.

If the problem related the fitter can not be solved at this moment, how can I improve the
selection in the present situation?

File Attachments
1) Ds_mcf.png, downloaded 364 times