Subject: Re: Tracking + Truth Match Problem
Posted by Klaus Götzen on Wed, 30 Jan 2013 08:57:49 GMT
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Hi,

just as an update some plots with the new code.

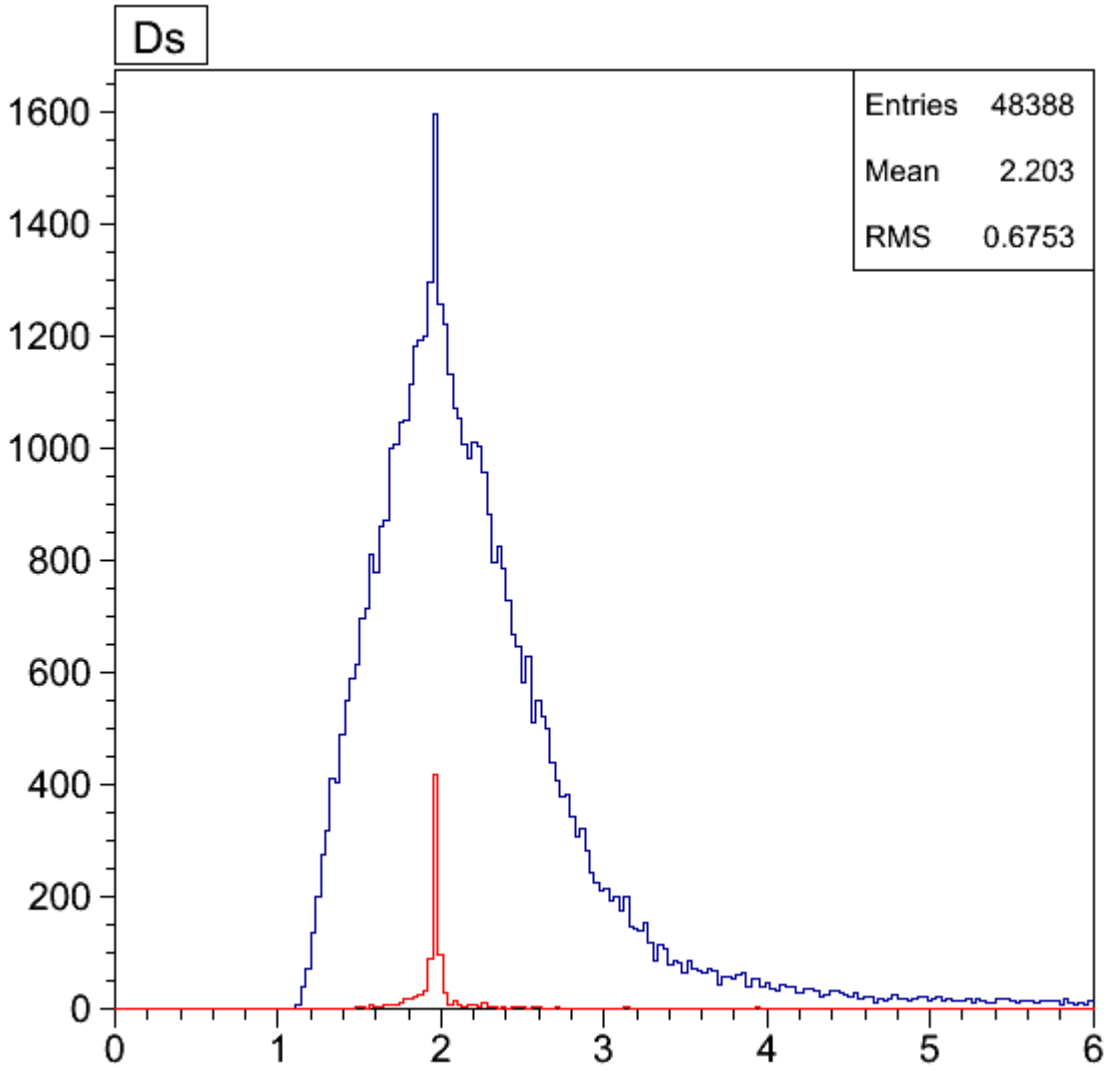
This plots shows Ds->K+ K+ pi+- without removale of doubles. It looks already quite reasonable (blue=all combinations, red= mc truth matched):

After removing double trackes (deviation of each component <0.001; removed 75/6267 = 1.2% of the tracks), it's still a bit less twitchy (7% less combinations):

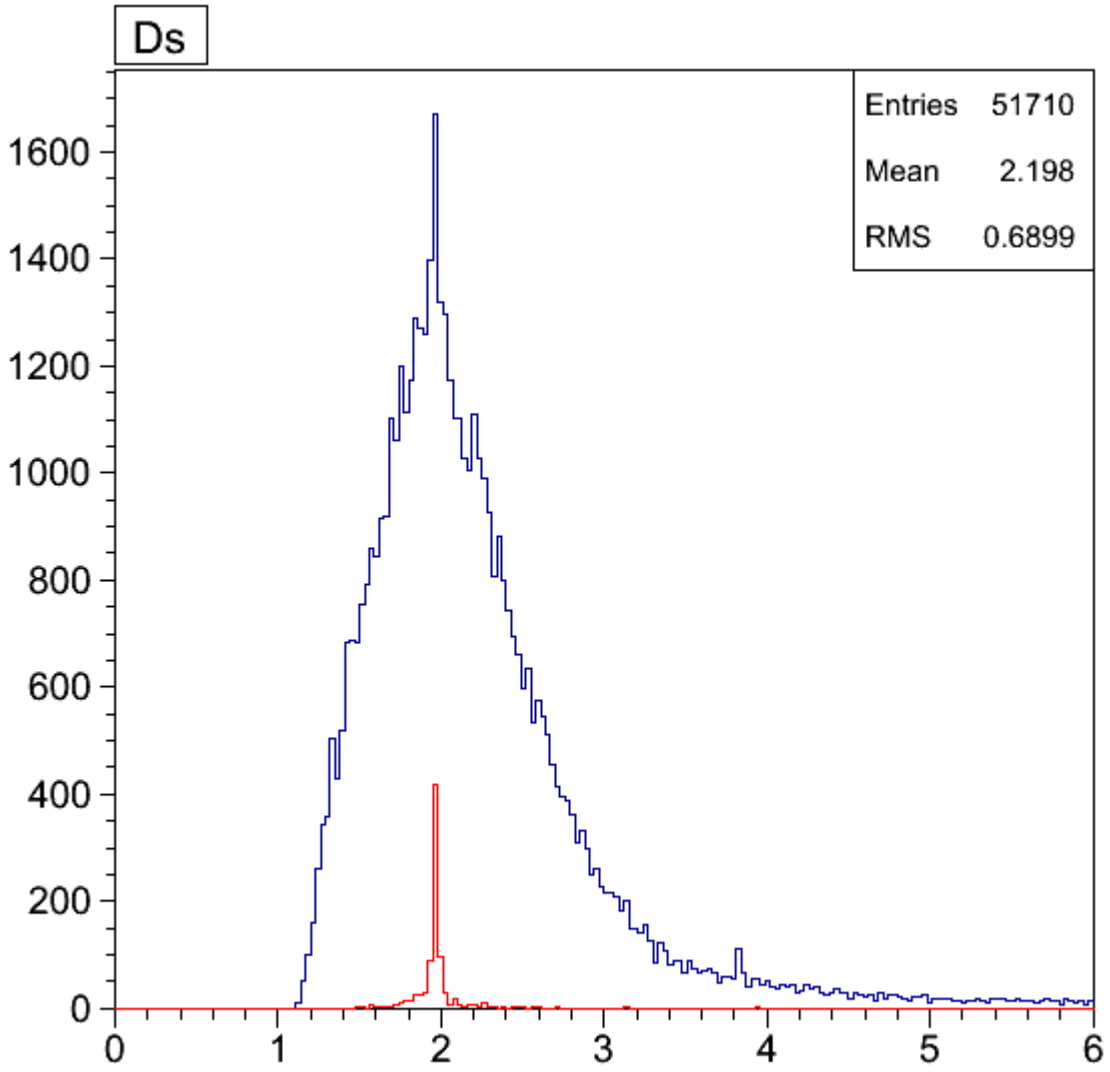
Best regards,
Klaus

File Attachments

1) ds_default.gif, downloaded 950 times



2) ds_remove.gif, downloaded 978 times


Ds
Entries 51710
Mean 2.198
RMS 0.6899
1600
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5
6