Subject: pi+pi- analysis with event mixing
Posted by Elisa Fioravanti on Tue, 30 Aug 2011 08:39:07 GMT
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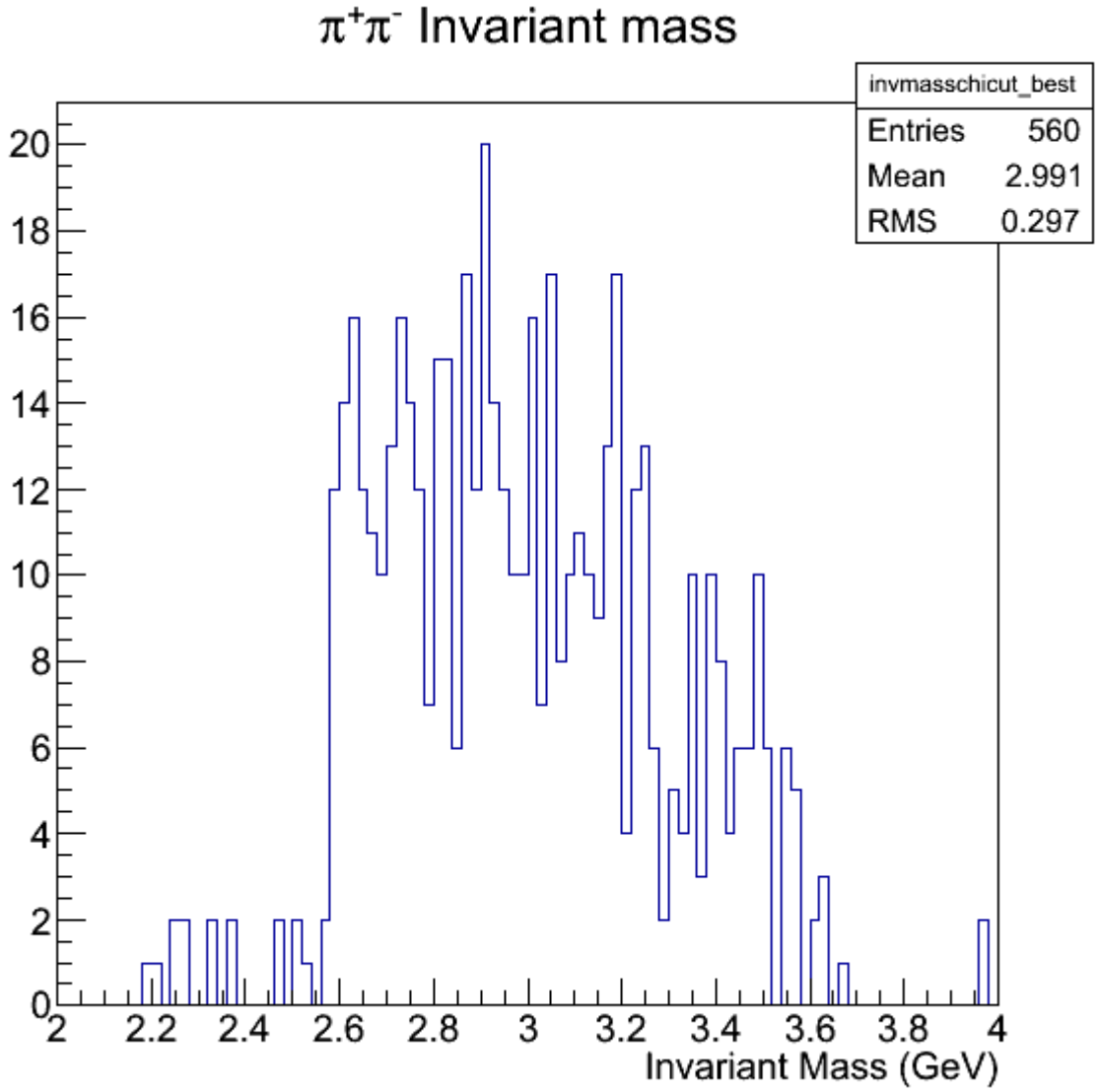
Hello everybody,

I have analyzed pi+pi- with event mixing today. The results are not so good and understandable. I attach here the pi+pi- invariant mass distribution after all the selection criteria on 100.000 generated events.
We expect to see a peak at 3.1 GeV.

File Attachments

1) invmasschicutbest.png, downloaded 1171 times



Subject: Re: pi+pi- analysis with event mixing
Posted by Elisa Fioravanti on Fri, 02 Sep 2011 09:33:17 GMT
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Hello everybody,

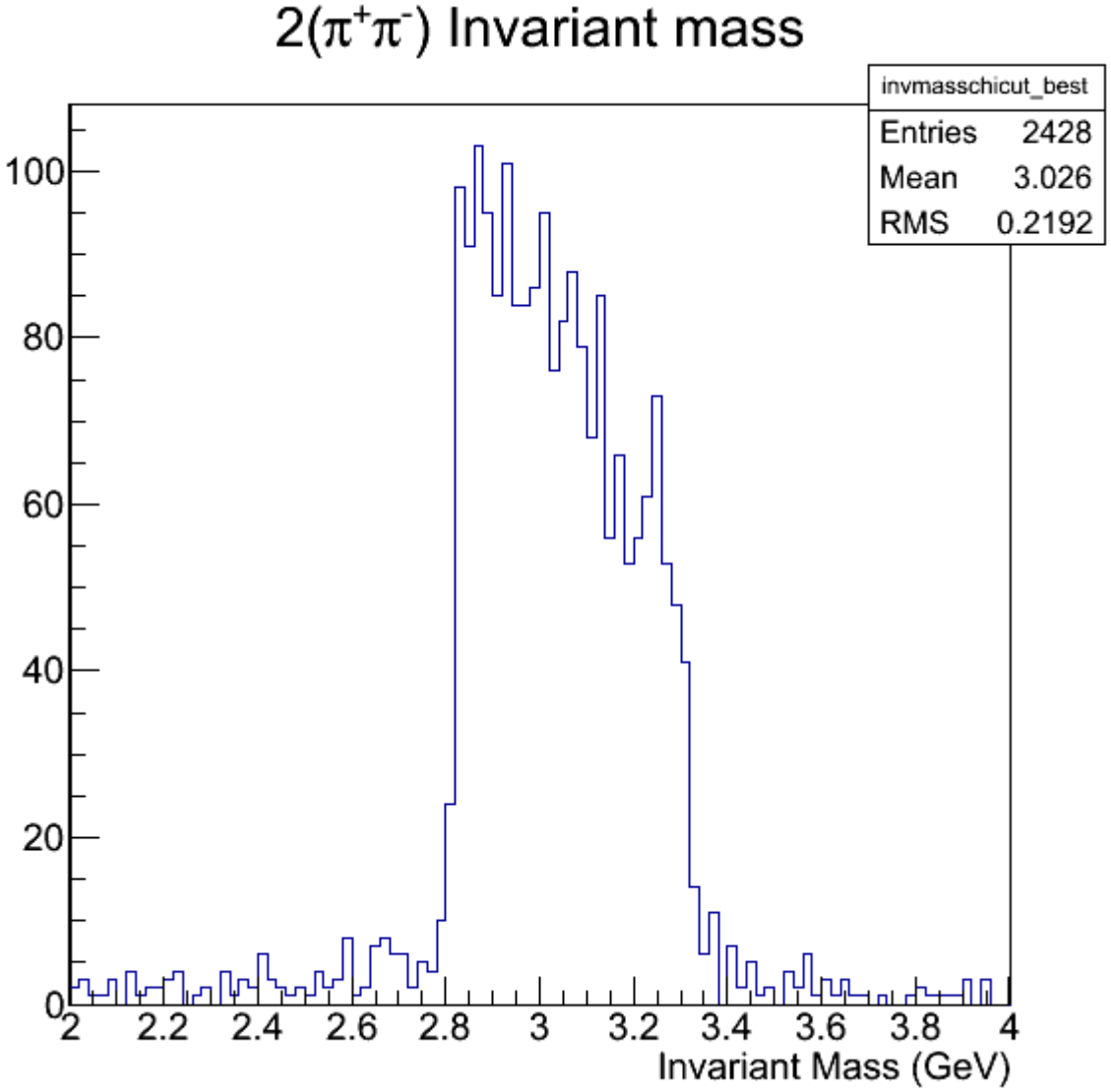
I have run the event mixing data available on the GRID for the STT for the pbarp->pi+pi- analysis.
I have collected the plots into a pdf file that you can find in attachment.

For the pbarp->2(pi+pi-) I have still some not good results. I attach the invariant mass of the four pions.

Cheers,
Elisa

File Attachments

1) invamass_chicut_best.png, downloaded 948 times



2) Mixing.pdf, downloaded 435 times