Subject: Re: Dalitz Decays of higher resonances.
Posted by Adrian Dybczak on Thu, 13 Oct 2011 14:26:29 GMT
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Hi Ingo

In the same way as previosly i made several test.
I used same macro as you send me to simulate D+ but this time ND13+ (N*1520) was simulated (macro in attachment).
Here are results:

Mass of Delta

Mass of pee

Ratio means BR

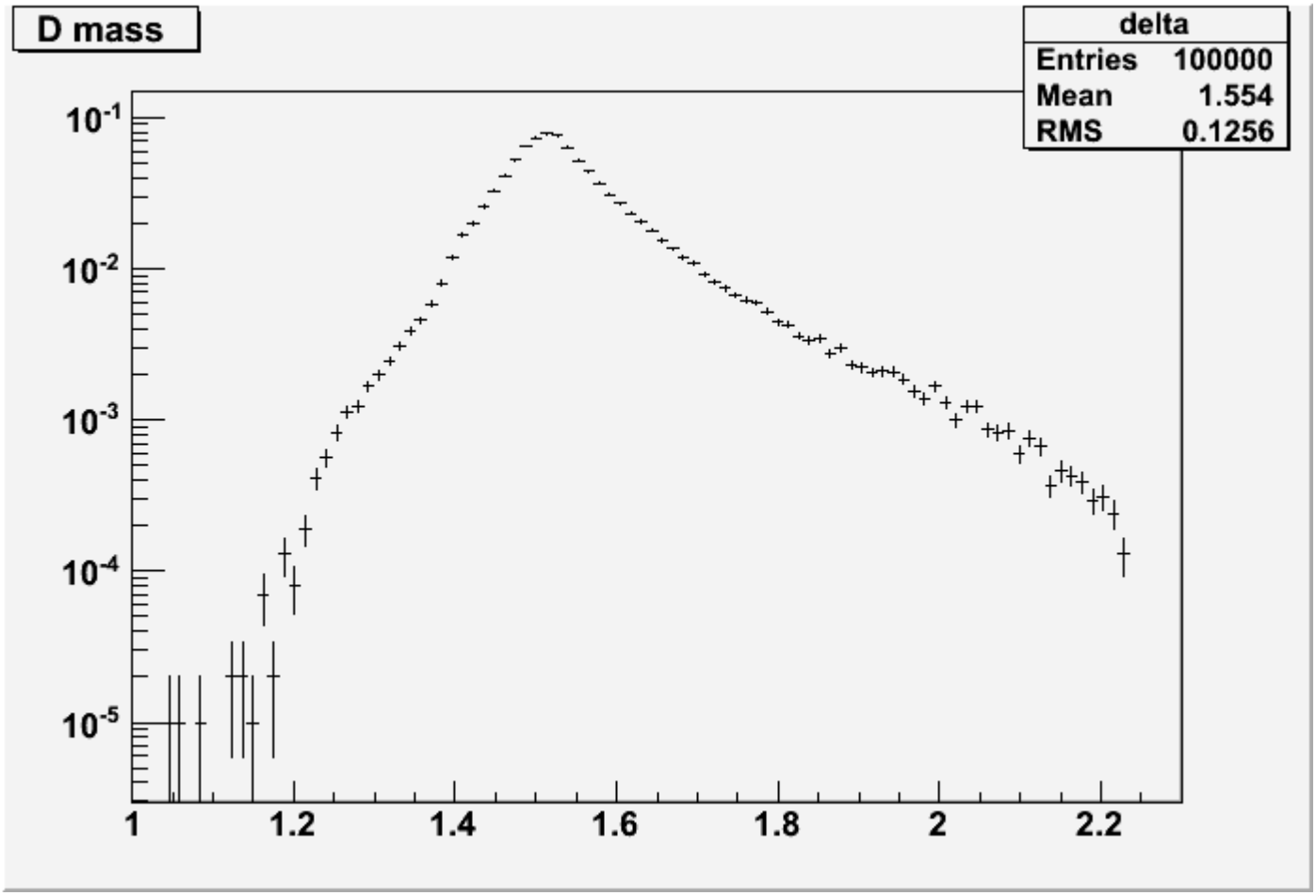
One can see that:
- shapes are ok
- BR ratio in pole is same as expected (0.0051/137=3.7e-5)

Commend [ND13+_dalitz] dgdm from Zetenyi/Wolf {/} is displayed while processing but weight is constant

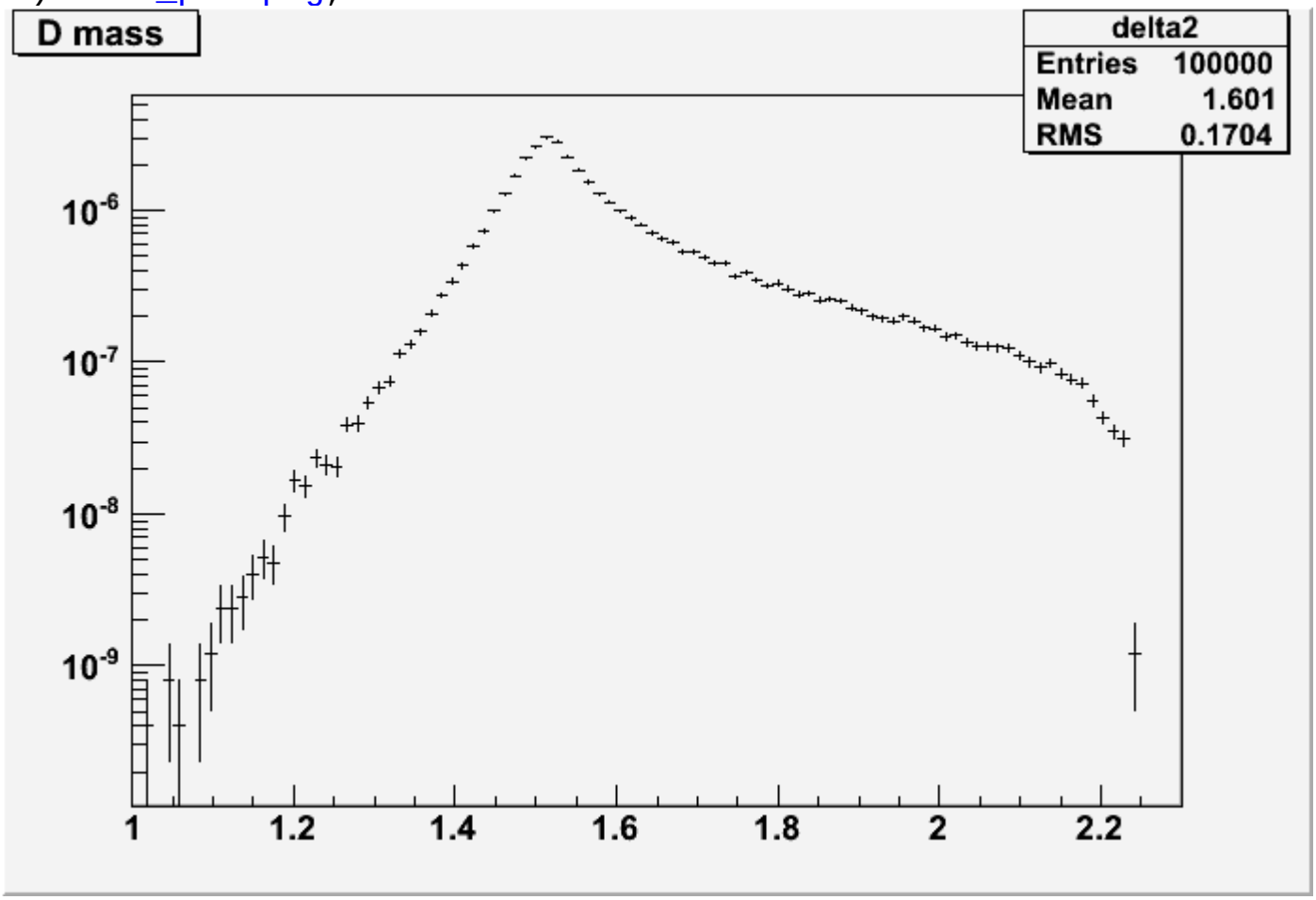
Does it means that dGamma/dM working or not?

File Attachments

1) mass_Delta.png, downloaded 1415 times



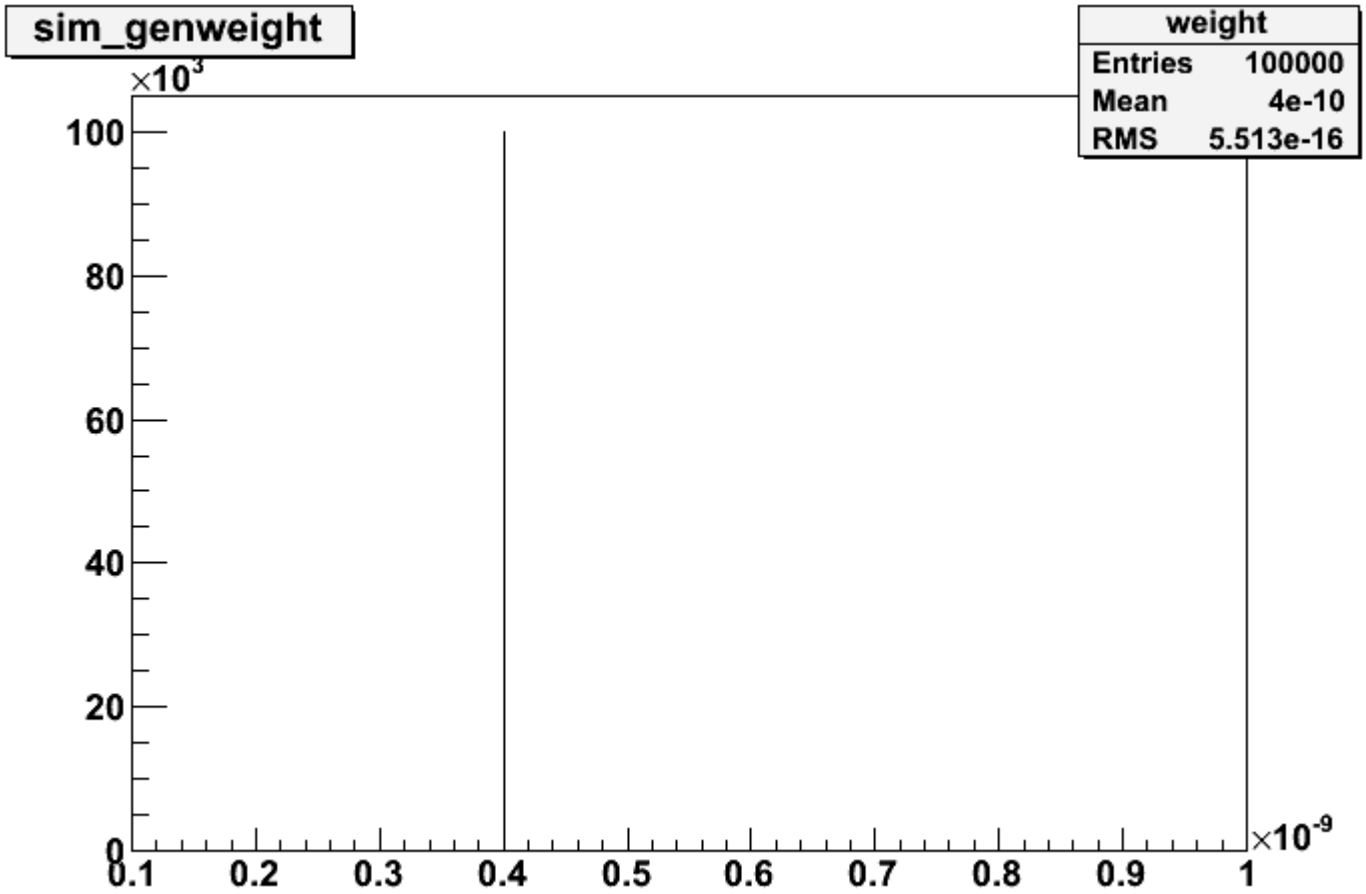
2) mass_pee.png, downloaded 1405 times



3) ratio.png, downloaded 1284 times



4) weight.png, downloaded 1393 times



5) test_elementary_adrian.C, downloaded 511 times