
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 previously 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:

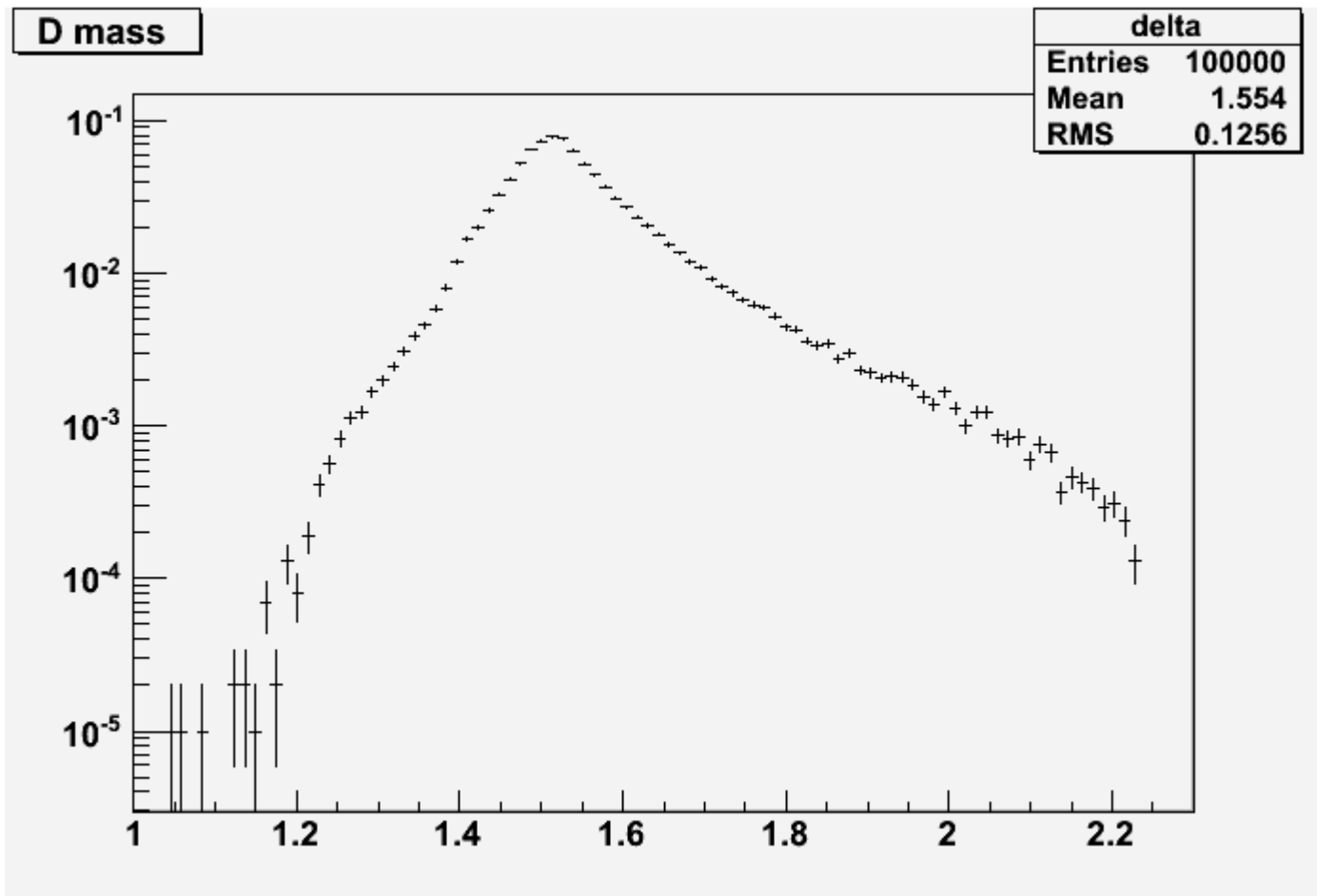
- shapes are ok
- BR ratio in pole is same as expected ($0.0051/137=3.7e-5$)

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

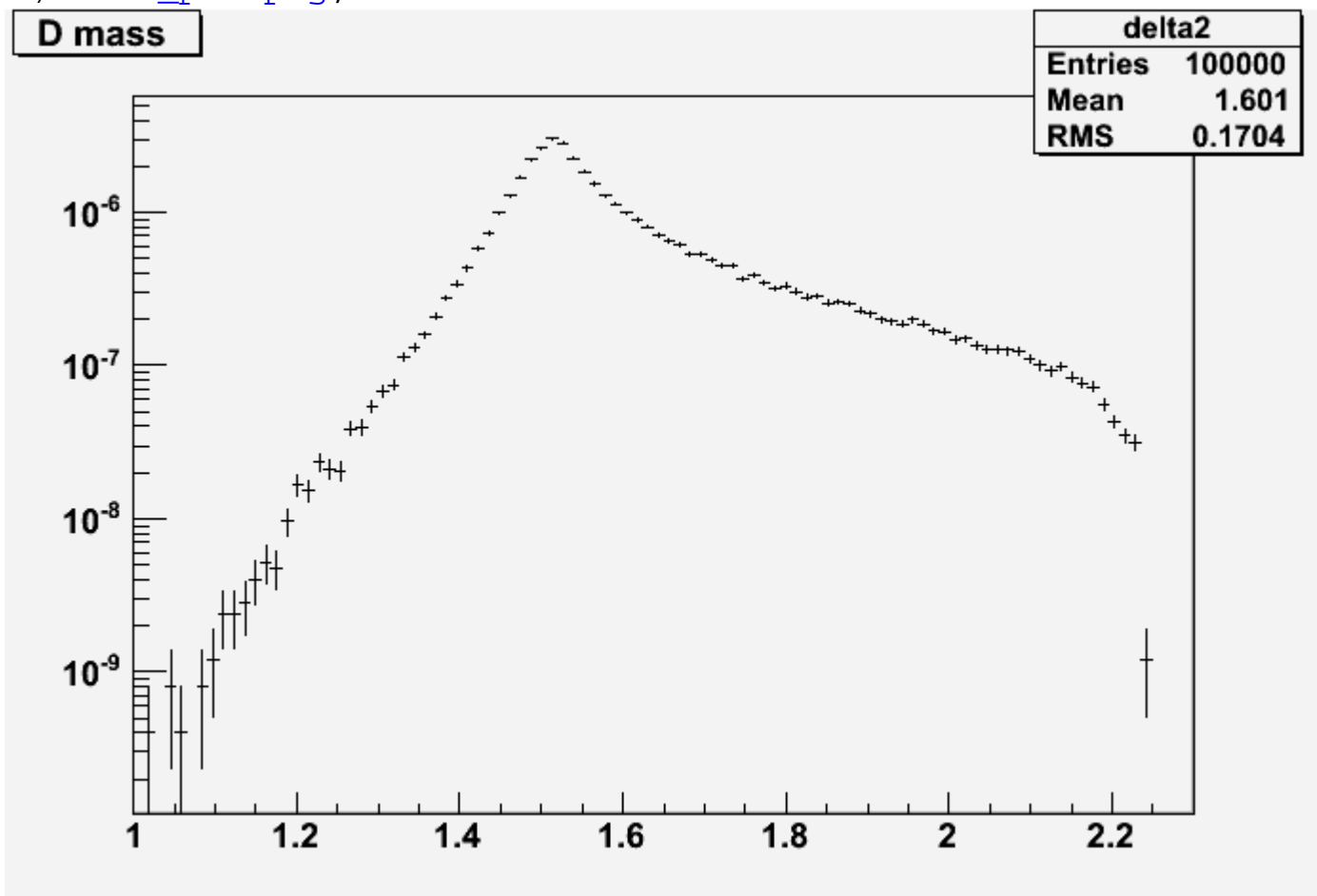
Does it means that dGamma/dM working or not?

File Attachments

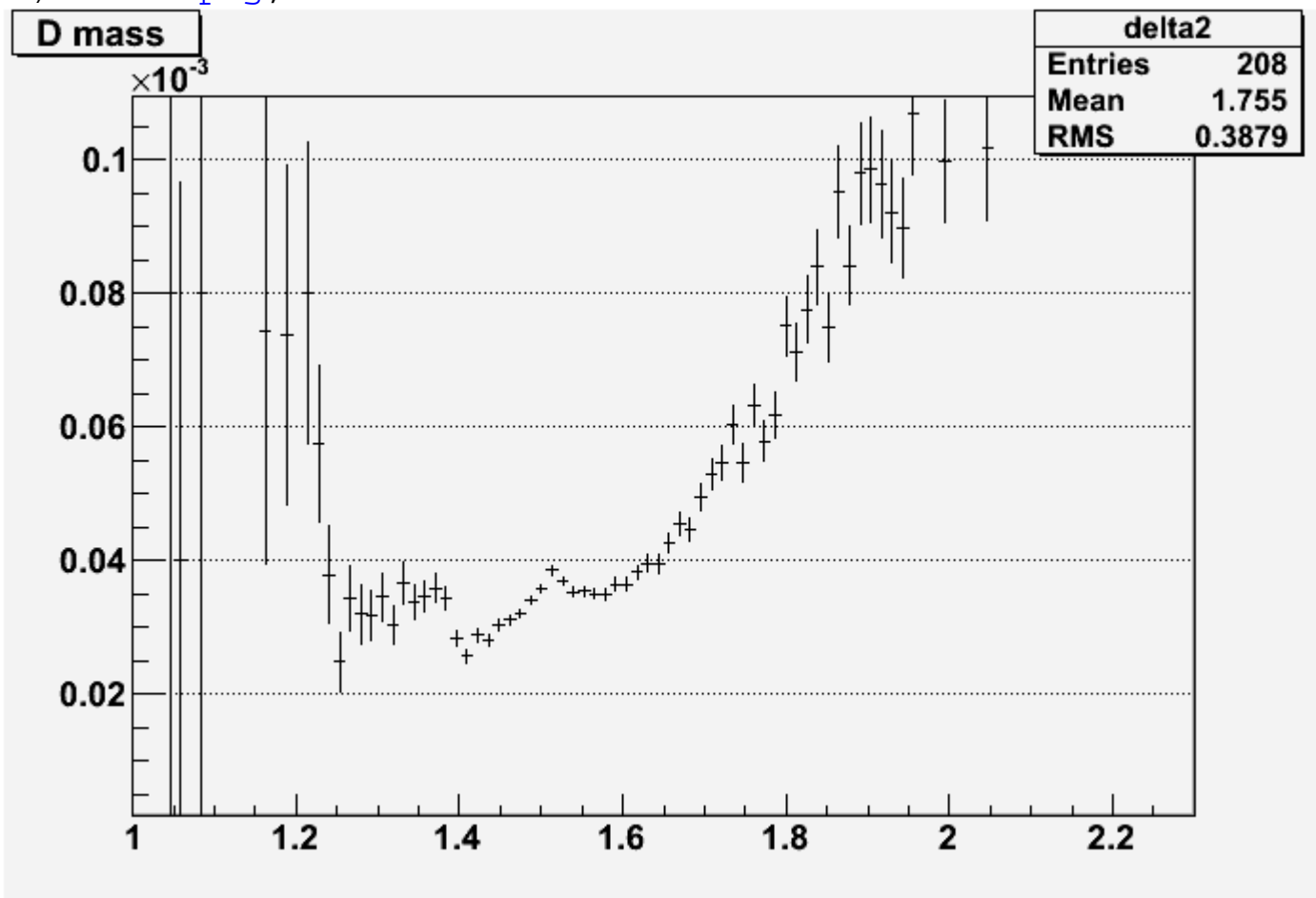
1) [mass_Delta.png](#), downloaded 1244 times



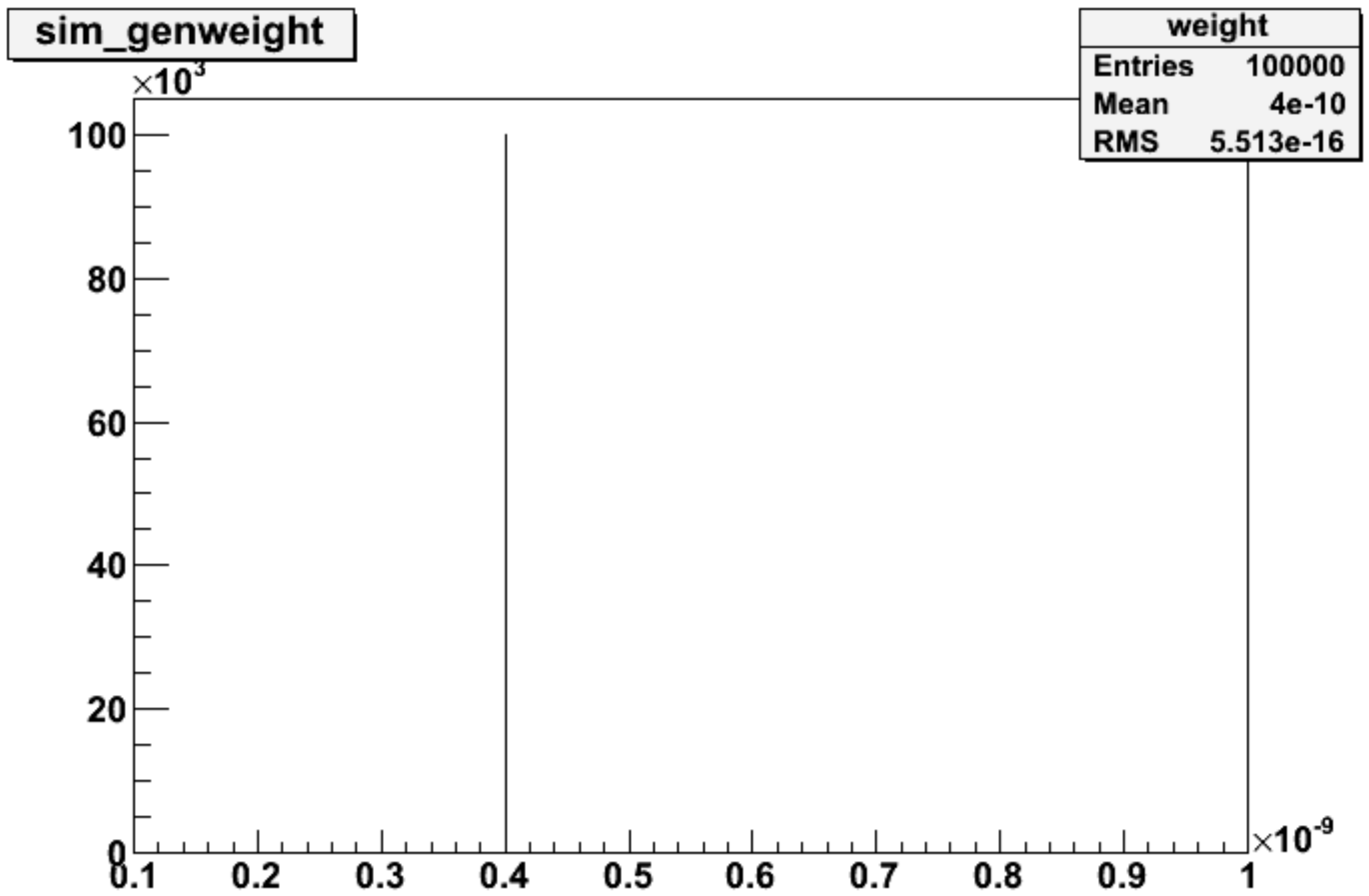
2) [mass_pee.png](#), downloaded 1232 times



3) [ratio.png](#), downloaded 1112 times



4) [weight.png](#), downloaded 1217 times



5) [test_elementary_adrian.C](#), downloaded 462 times
