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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 ( $0.0051/137=3.7e-5$ )

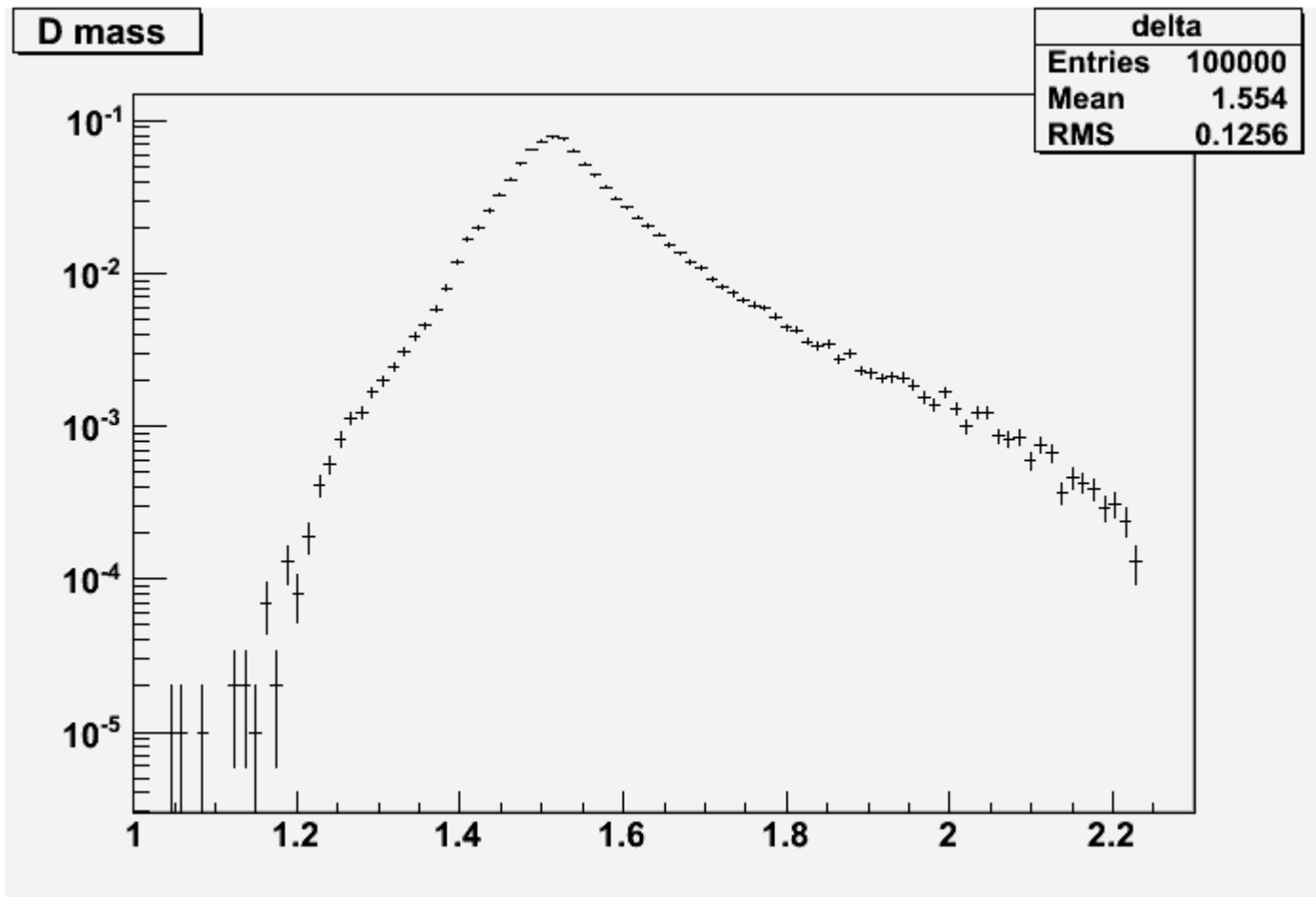
Commend [ND13+\_dalitz] dgdm from Zetenyi/Wolf {} is displayed while processing but weight is constant

Does it means that dGamma/dM working or not?

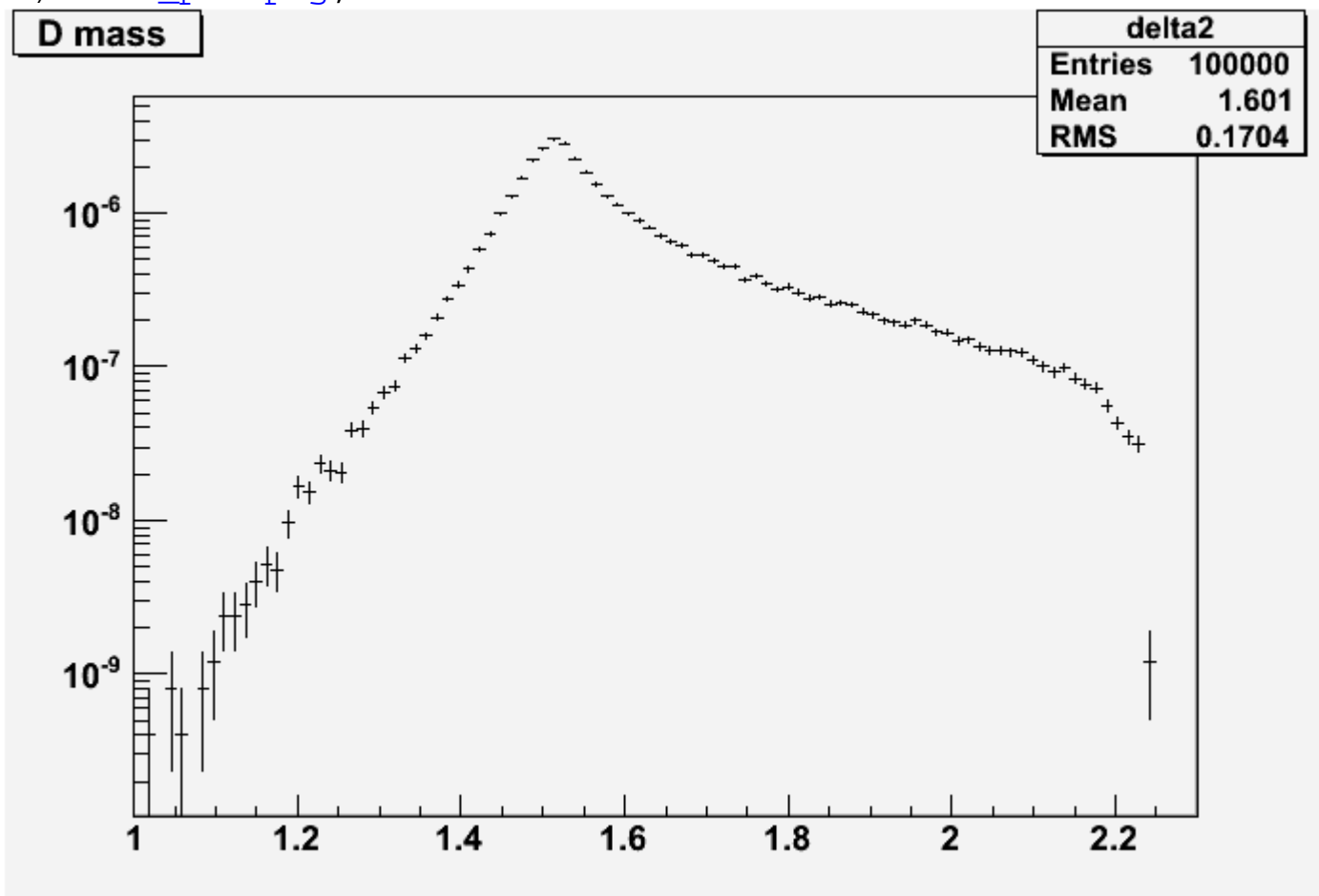
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## File Attachments

1) [mass\\_Delta.png](#), downloaded 574 times



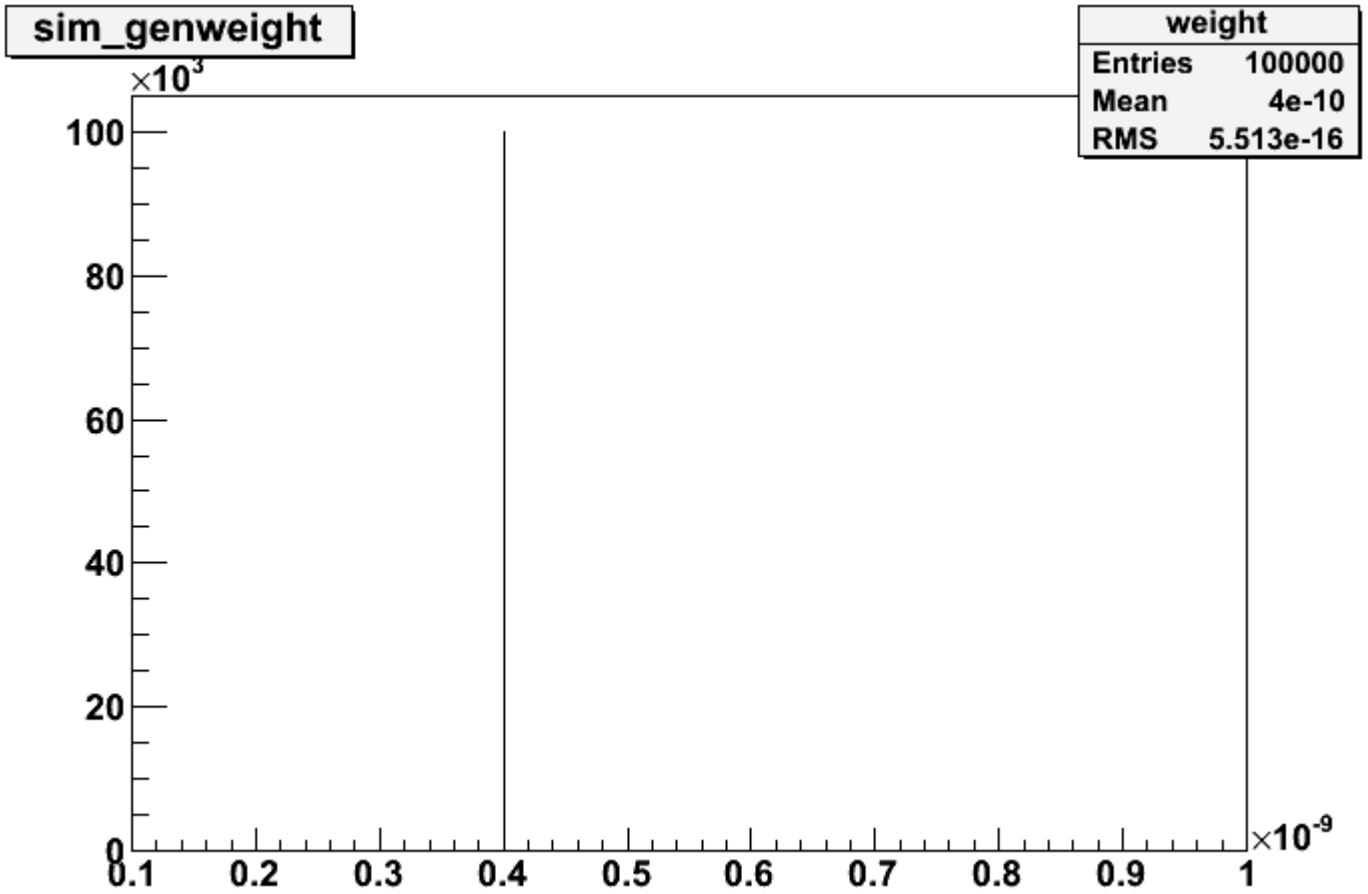
2) [mass\\_pee.png](#), downloaded 562 times



3) [ratio.png](#), downloaded 519 times



4) [weight.png](#), downloaded 561 times



5) [test\\_elementary\\_adrian.C](#), downloaded 287 times

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