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

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
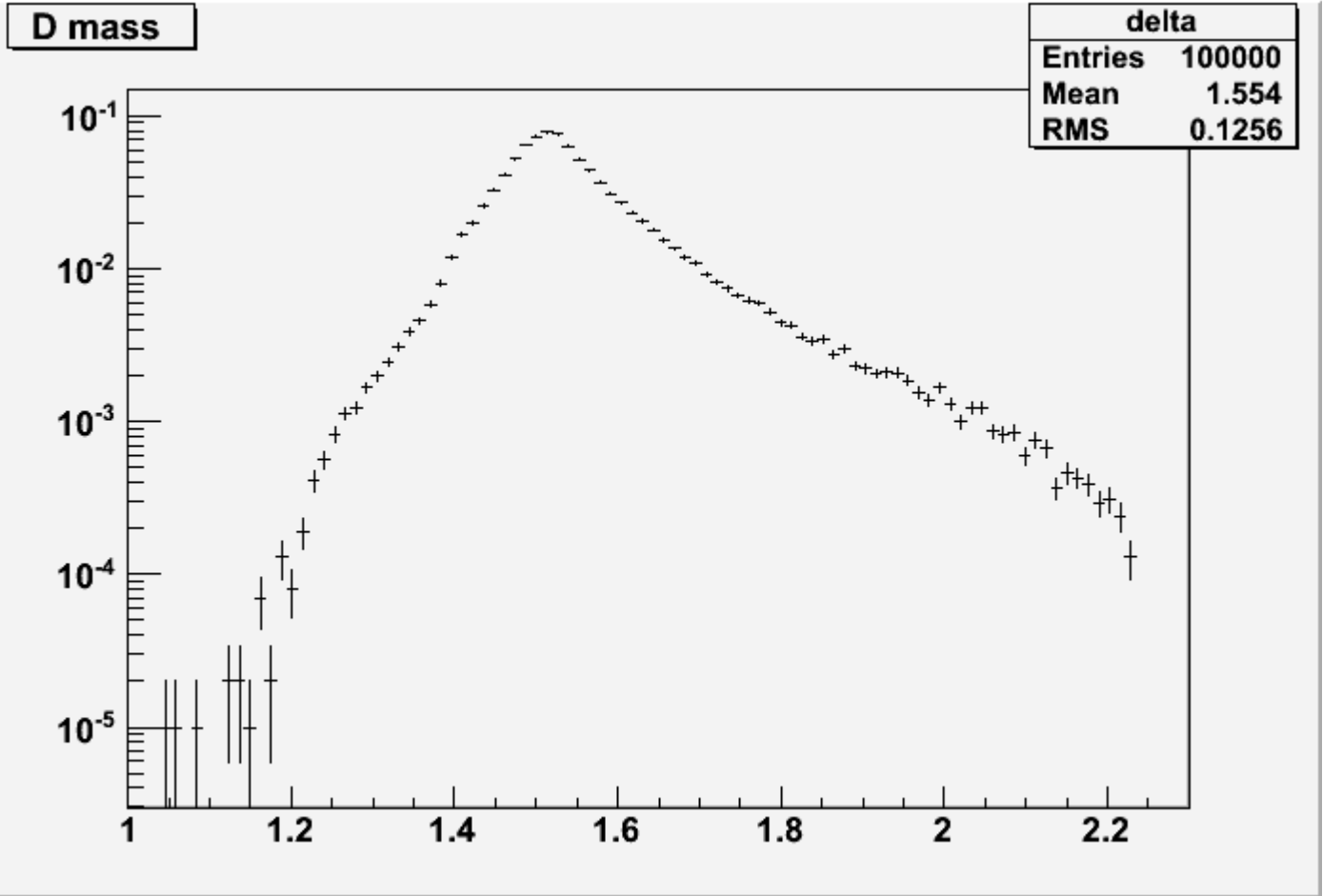
Ratio means BR

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

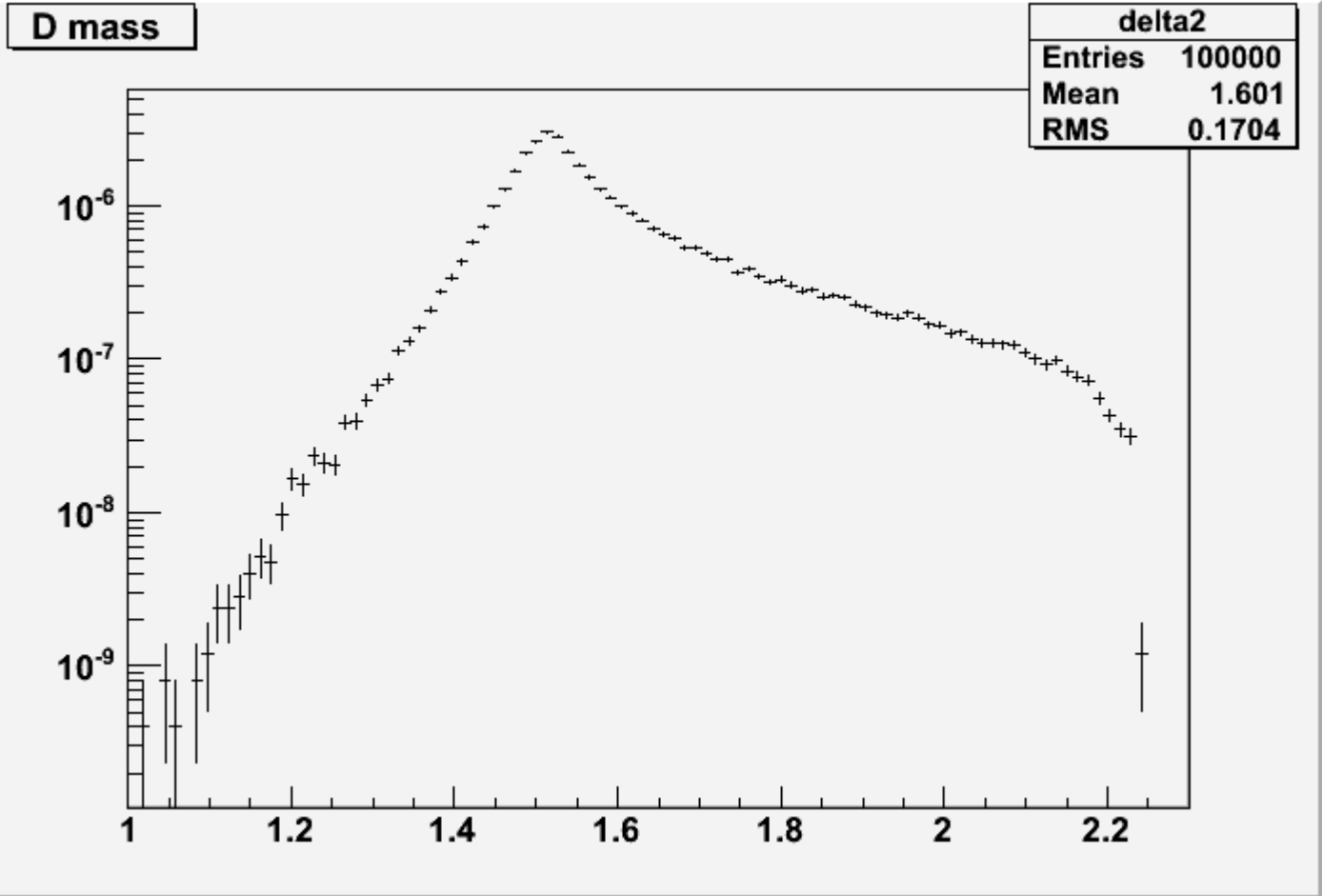Commend [ND13+_dalitz] dgdm from Zetenyi/Wolf {/} is displayed while processing but weight
is constant

Does it means that dGamma/dM working or not?
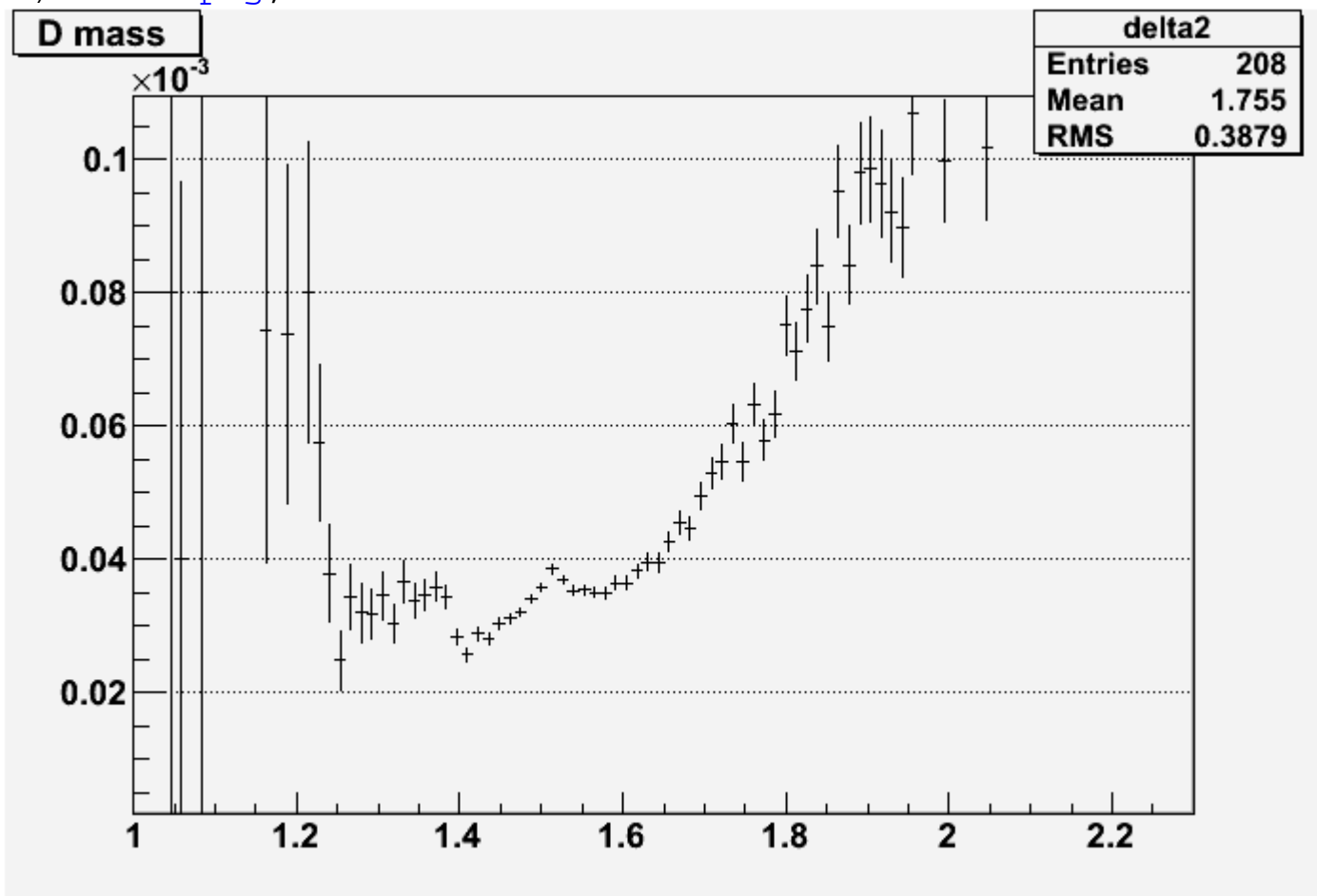
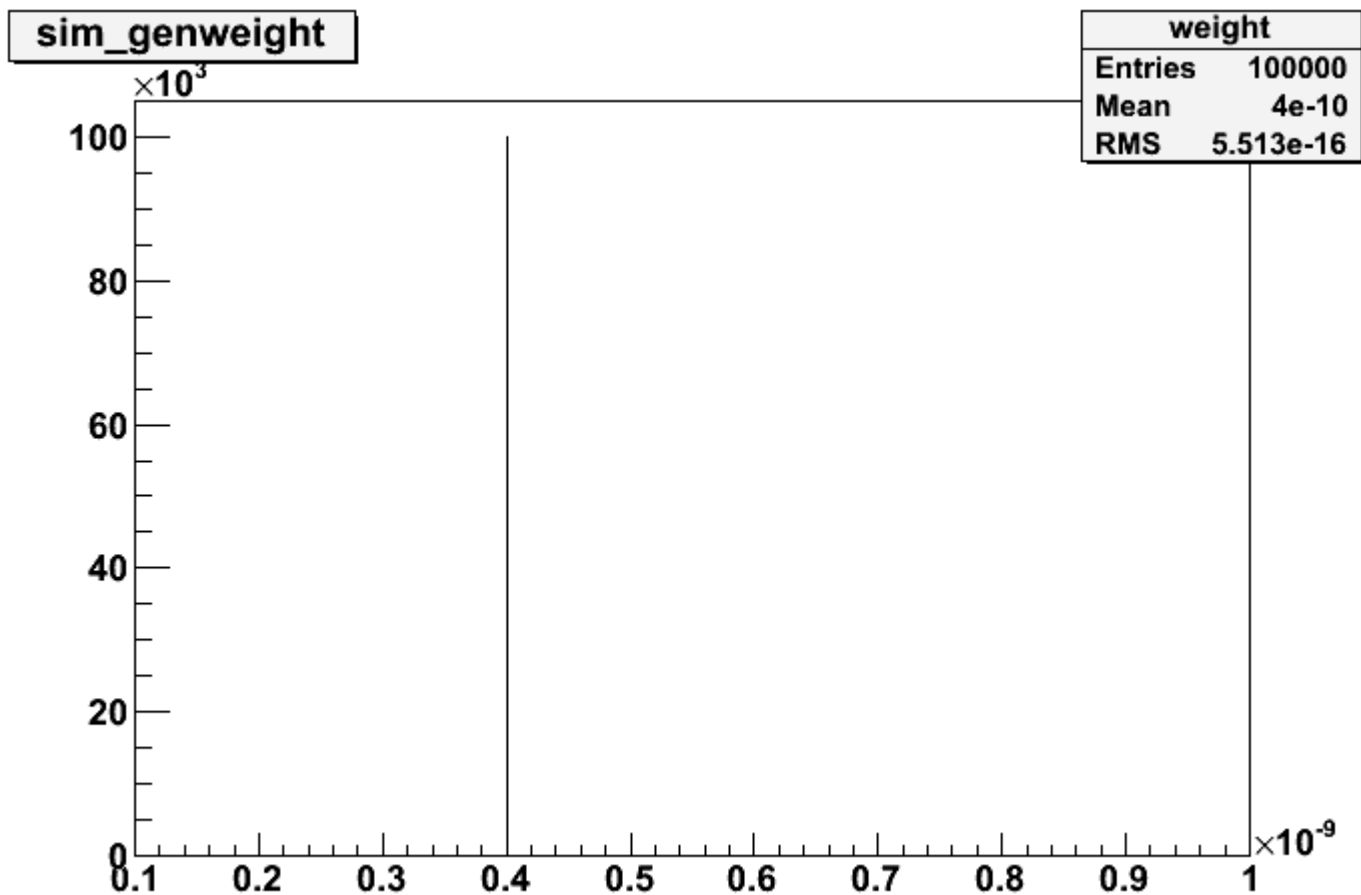## File Attachments
1) mass_Delta.png, downloaded 1004 times

2) mass_pee.png, downloaded 987 times

3) ratio.png, downloaded 935 times

4) weight.png, downloaded 989 times

sim_genweight

weight	
Entries	100000
Mean	4e-10
RMS	5.513e-16

5) test_elementary_adrian.C, downloaded 408 times