
Subject: rho BR

Posted by [Malgorzata Gumberidze](#) on Thu, 20 Oct 2011 08:27:49 GMT

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Please find here now plot which is showing mass dependent BR for the rho0.

In similar way as before:

For the pluto cocktail which is included into the draft of the publication we were using pluto version v5.37 and PDecayManager. This version is different then for Delta but it is due to some futures in case of rho0 which were in previous version, and were not correct.

In the plot below you can see mass dependent branching ratio for the Delta+ in channel $pp \rightarrow p\rho^0$.

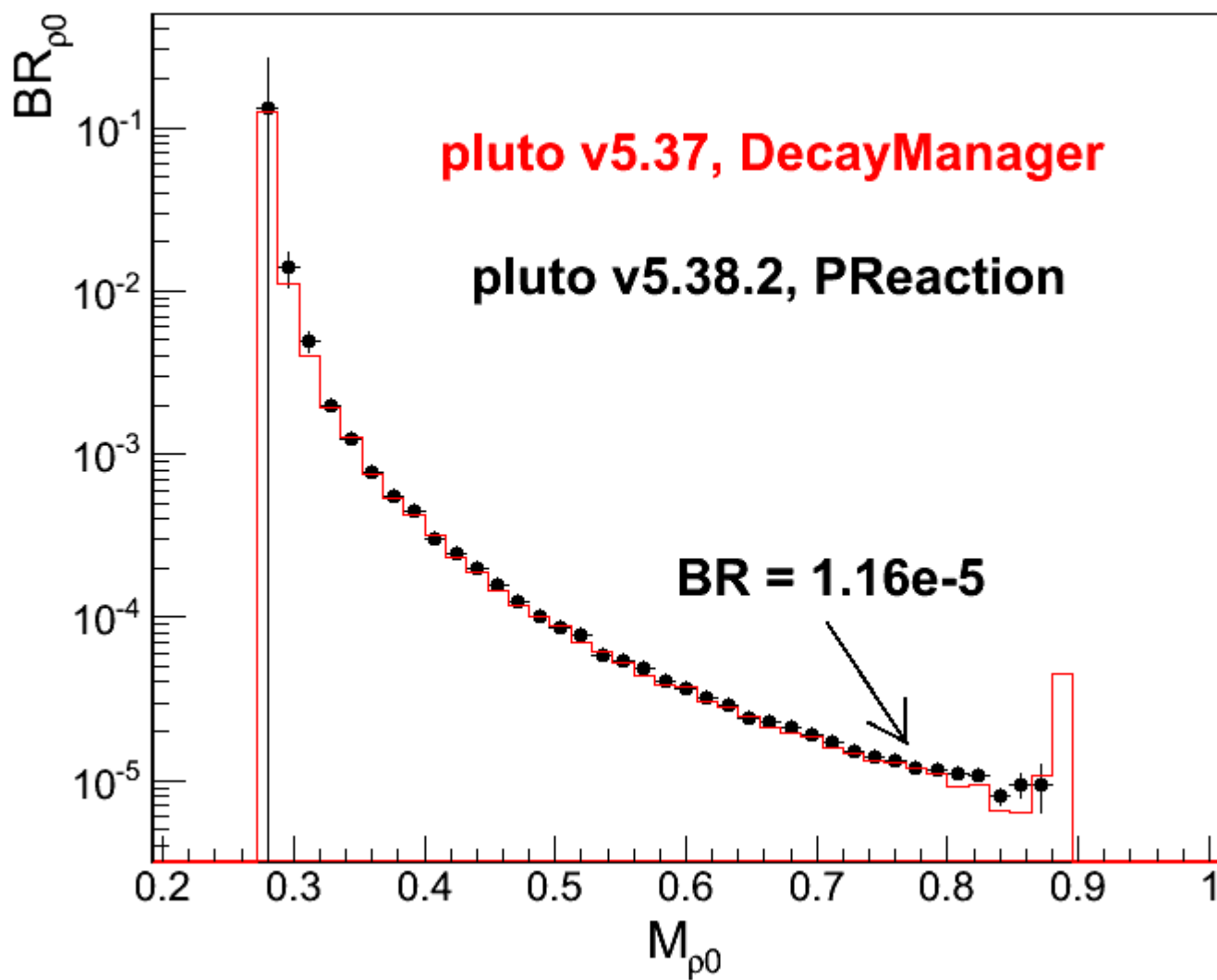
In case of the BLACK normalization comes for free using weights. RED curve is normalize in a way that at pole BR is the same like for BLACK one.

Please notice also that in this case the BR at pole is not correct, but maybe i do something wrong, so please ingo have a look into my macro.

gosia

File Attachments

1) [plot_rho.gif](#), downloaded 825 times



2) [macro_ingo_rho.C](#), downloaded 352 times