



中国科学院高能物理研究所
Institute of High Energy Physics
Chinese Academy of Sciences

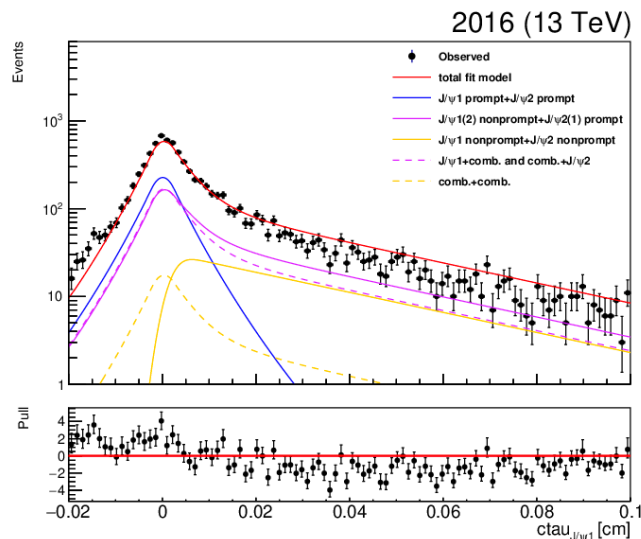


Double Jpsi meeting

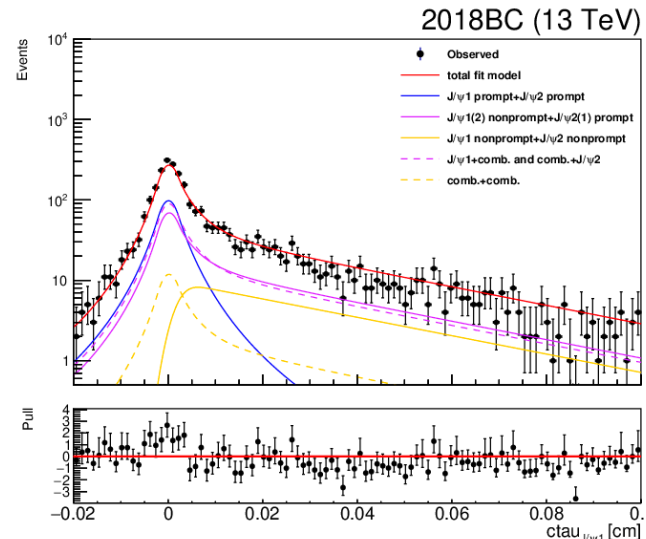
2023.3.16

Taozhe YU

Last week



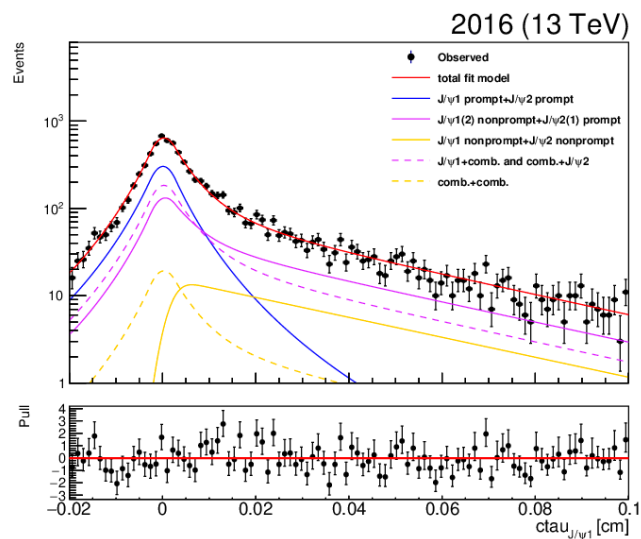
Four muon mass [0, 10]



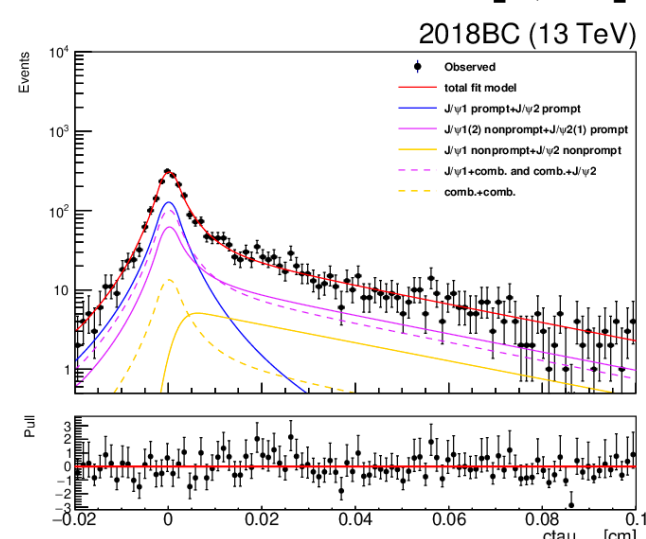
Four muon mass [0, 10]

- In the four muon low mass region, the prompt components have bigger ratio

This week

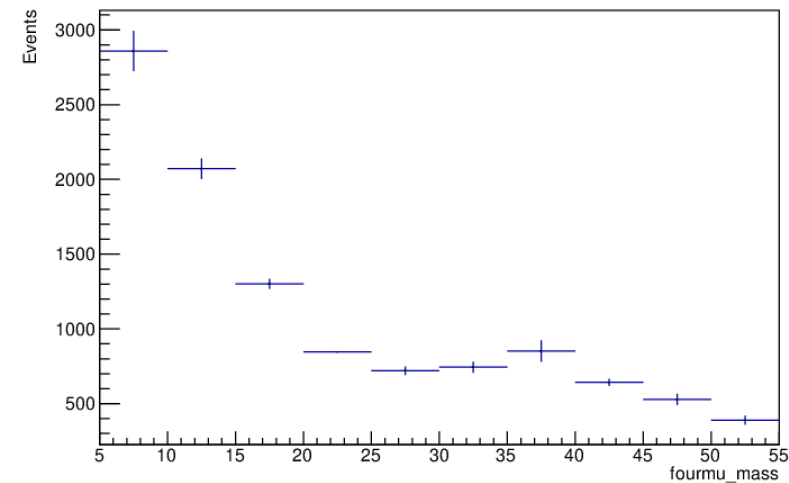
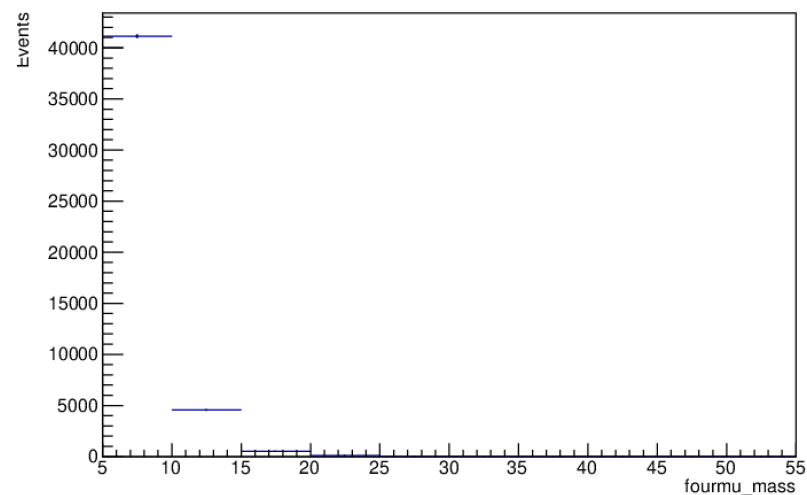
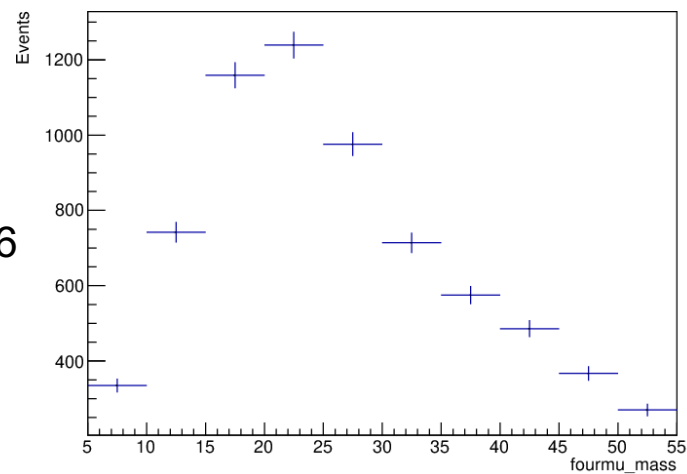


Four muon mass [5, 10]

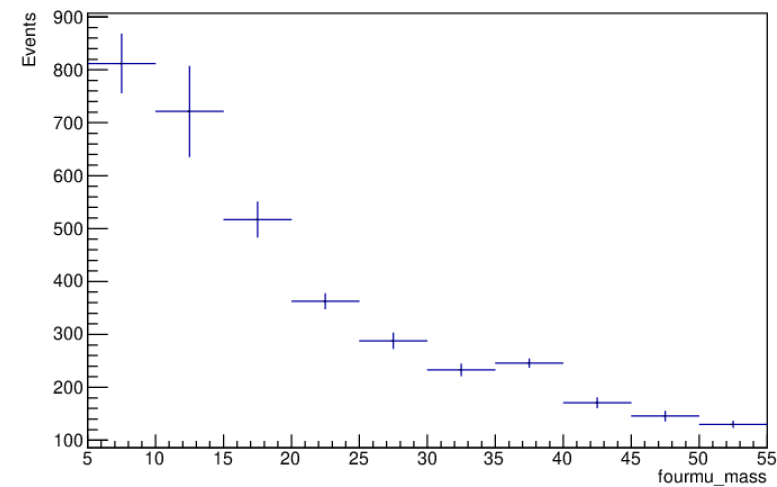
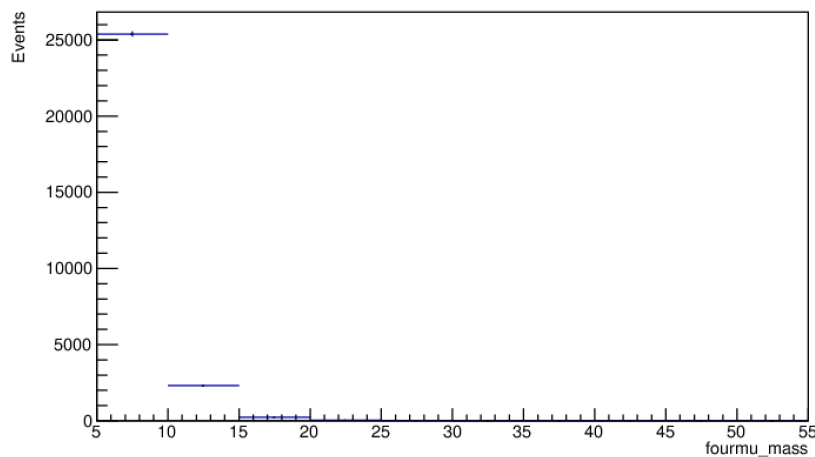
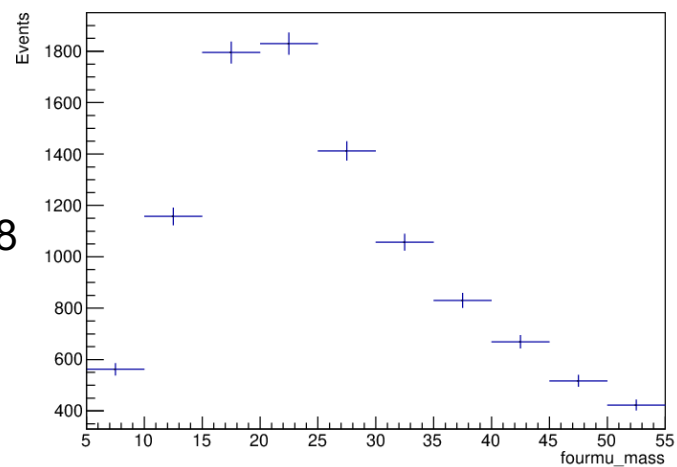


Four muon mass [5, 10]

2016



2018



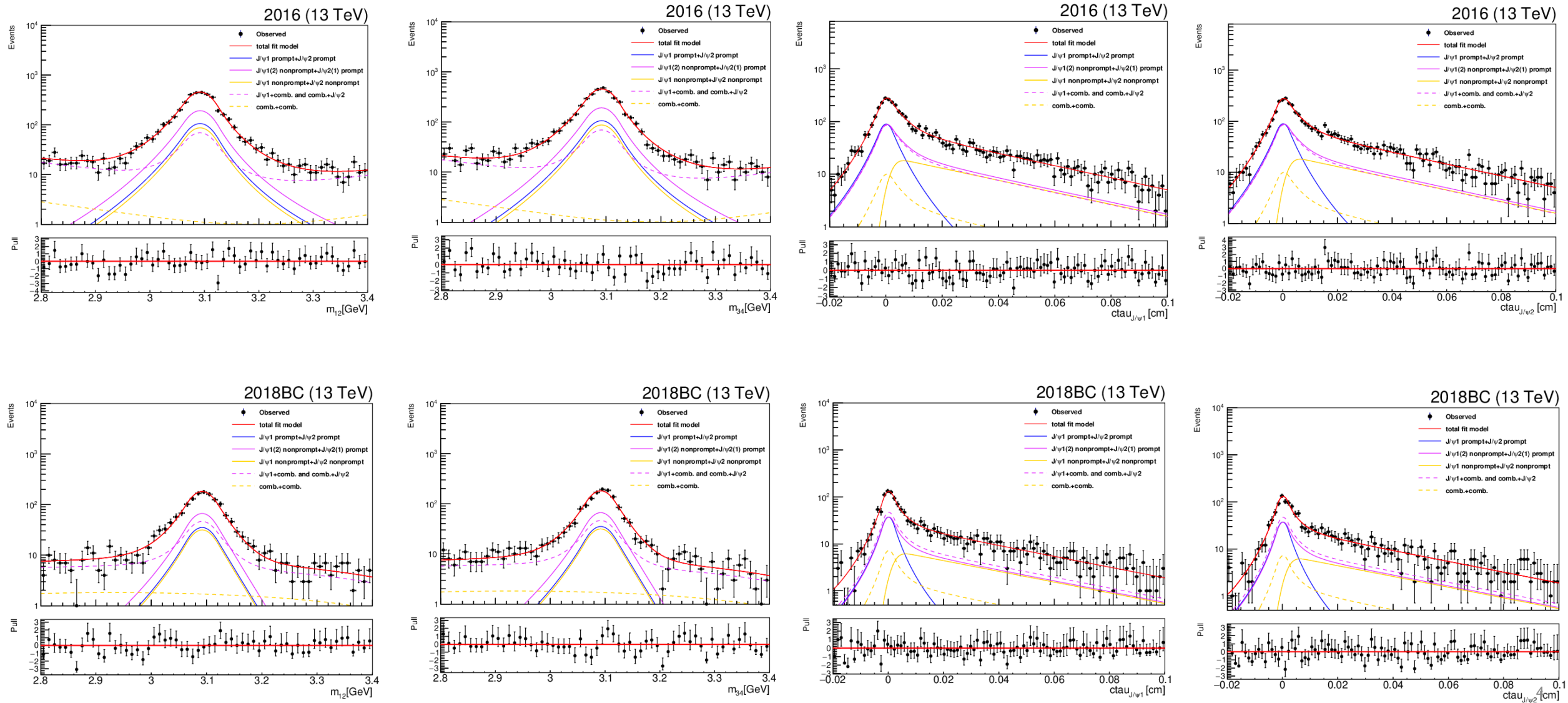
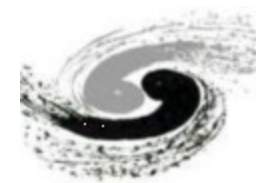
DPS

SPS

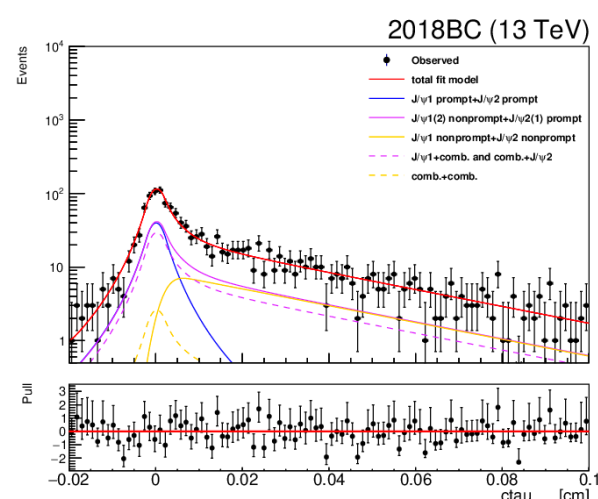
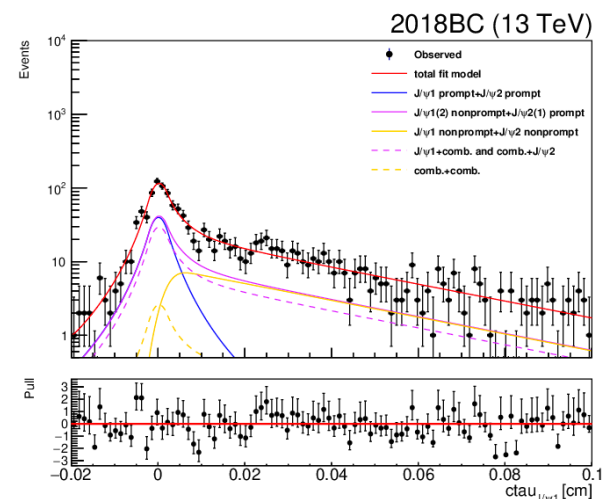
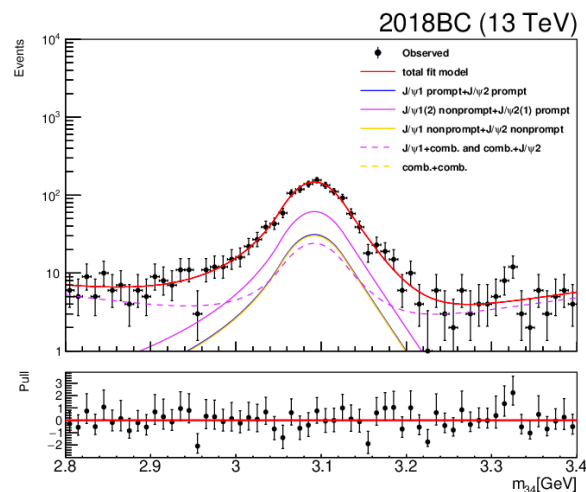
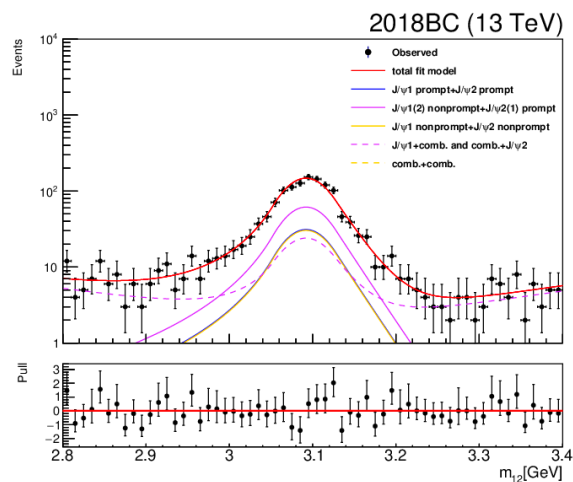
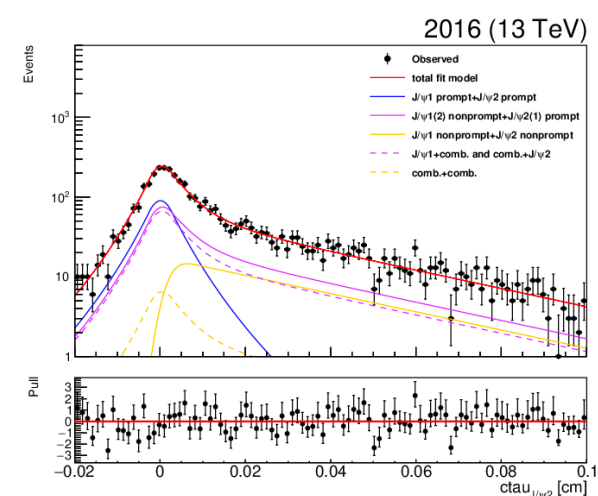
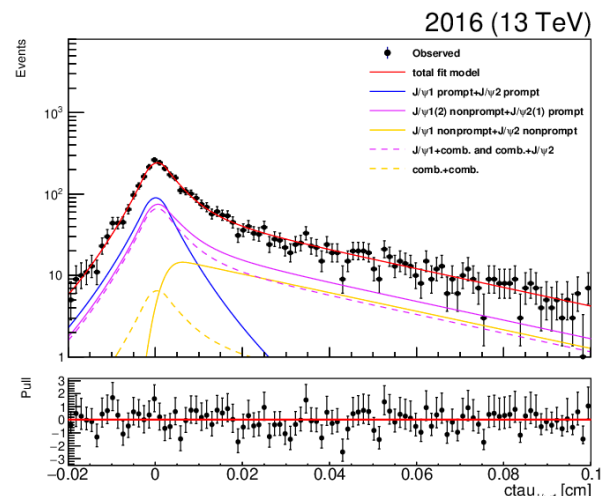
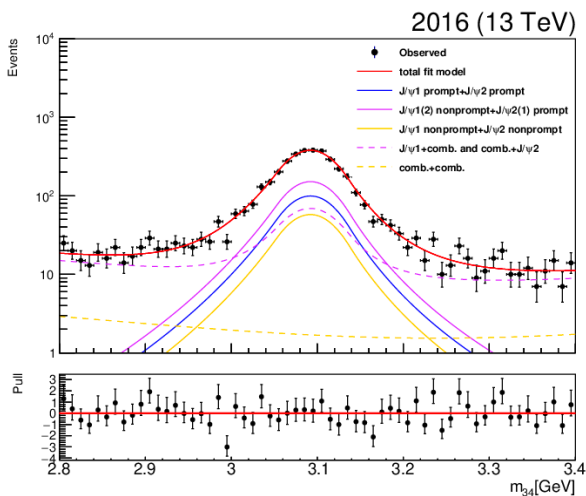
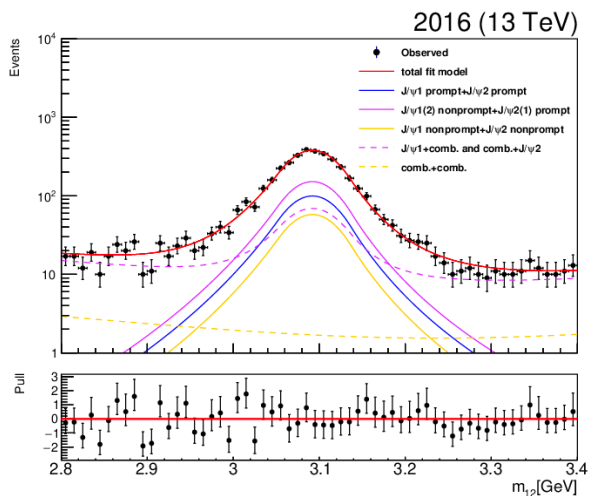
Data



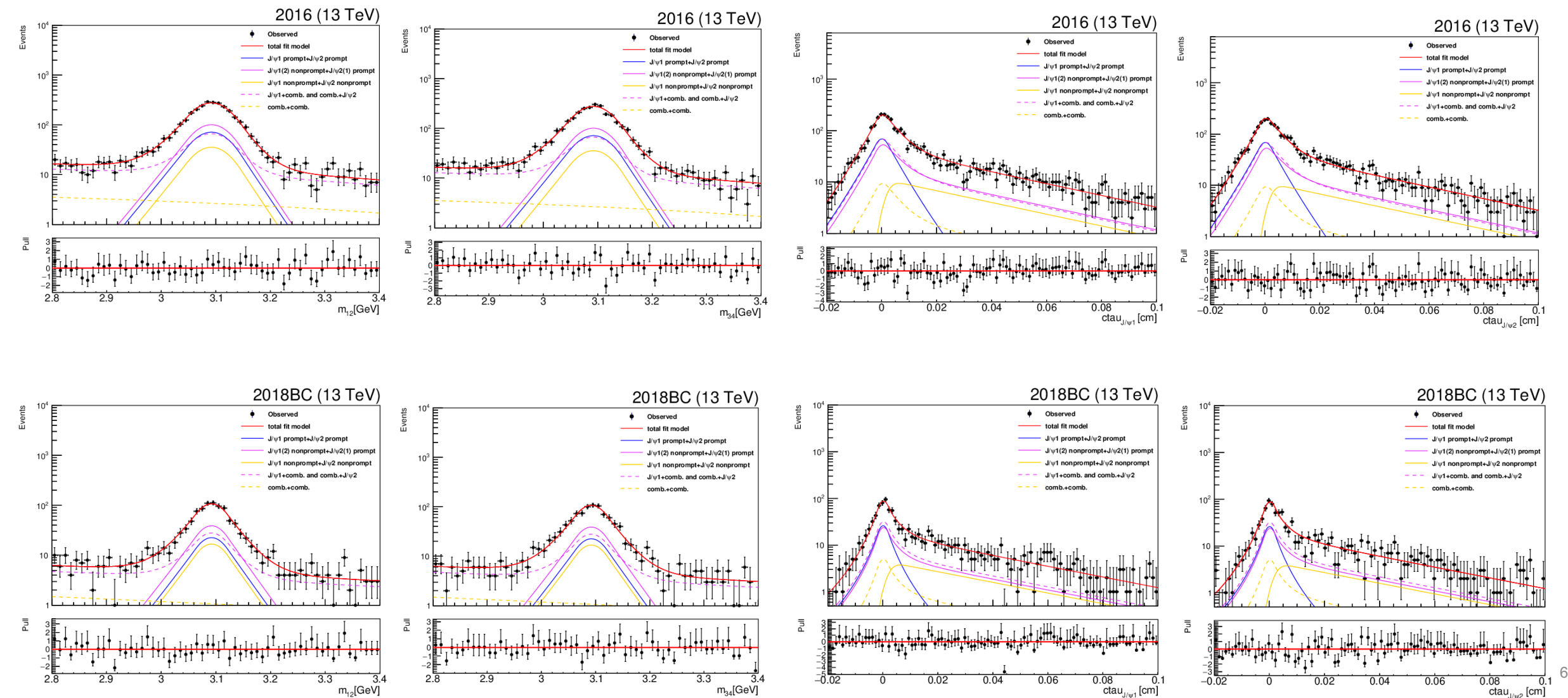
Four muon mass [30, 35]



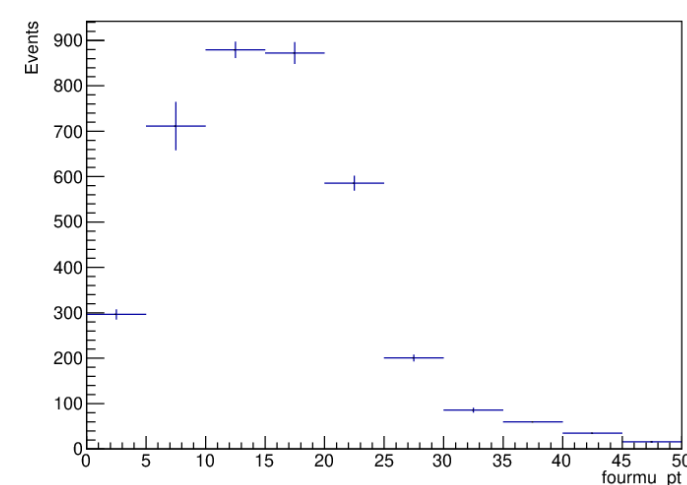
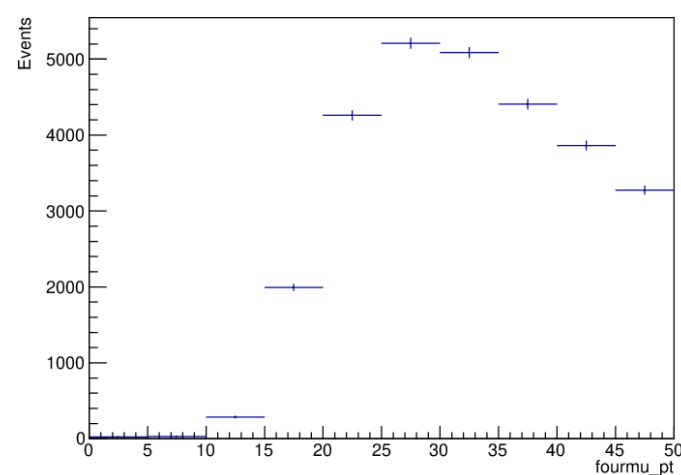
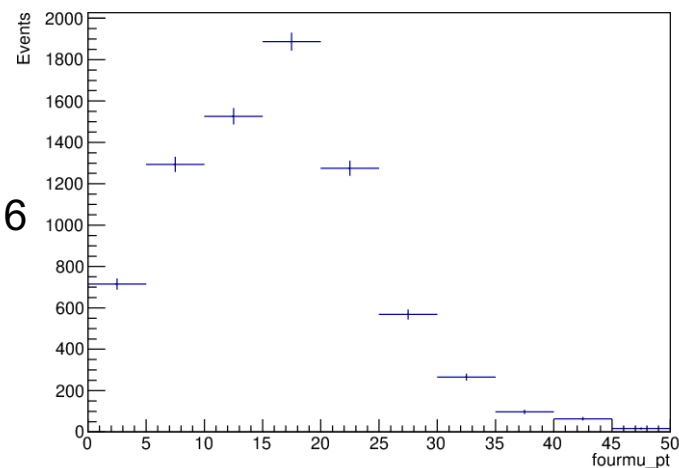
Four muon mass [35, 40]



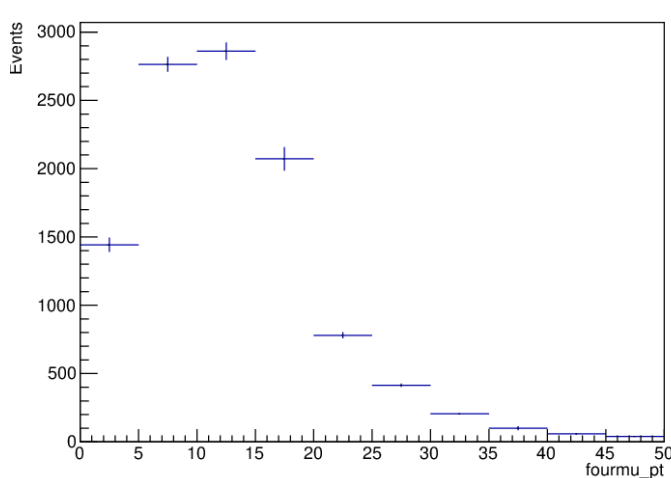
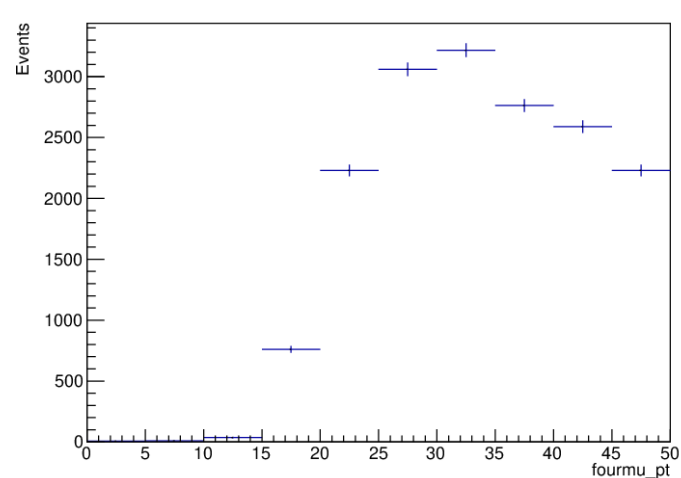
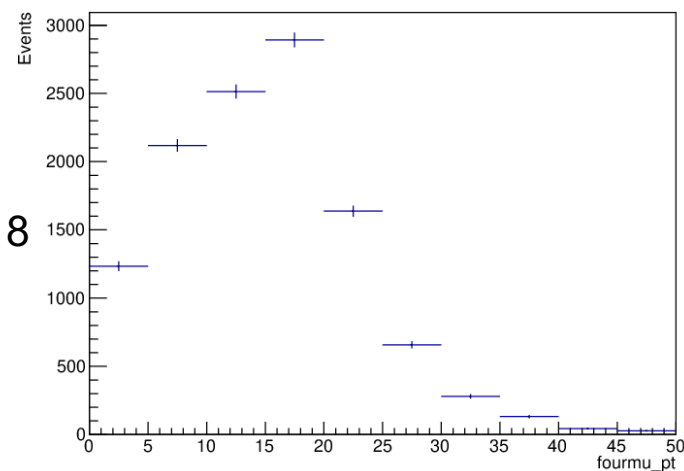
Four muon mass [40, 45]



2016



2018

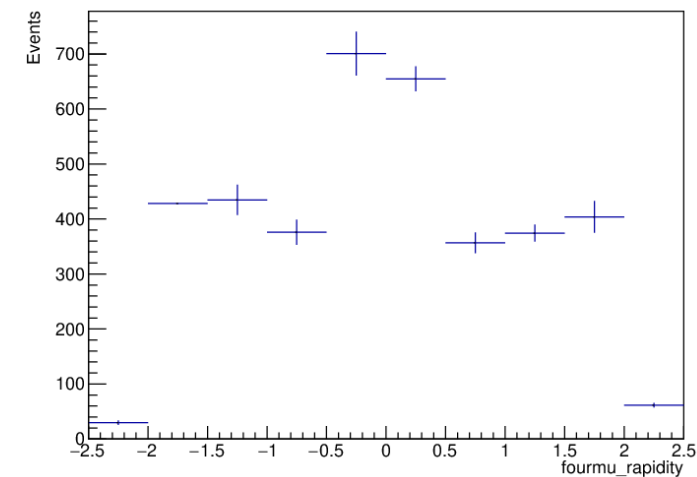
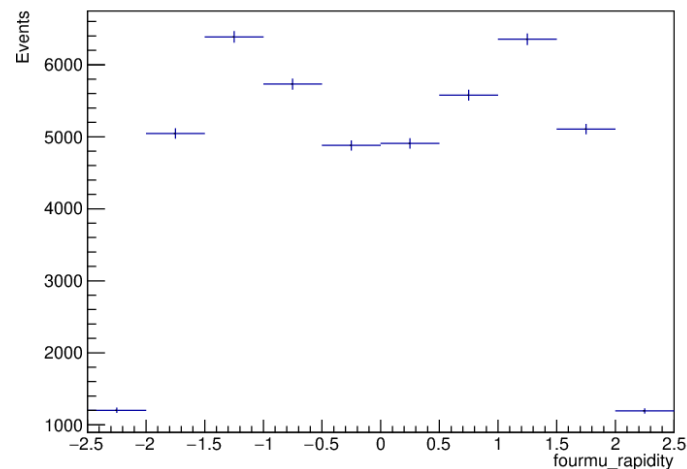
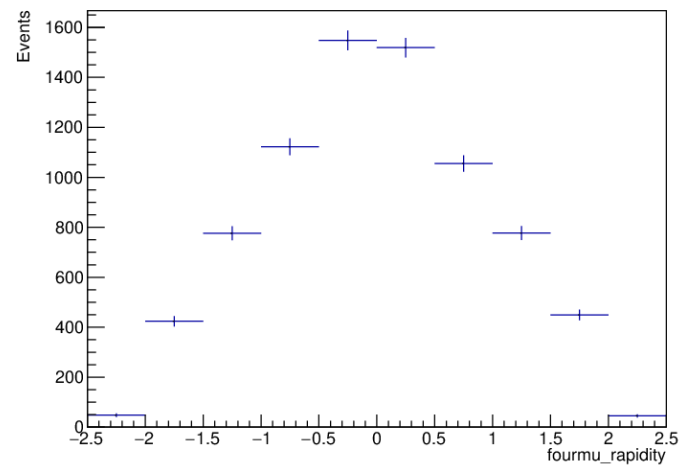


DPS

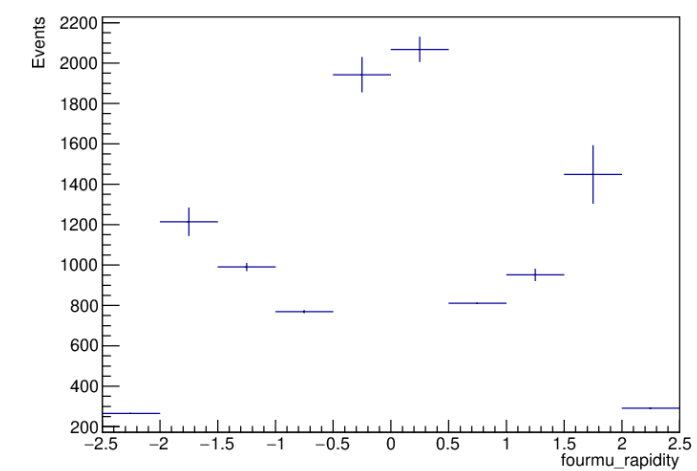
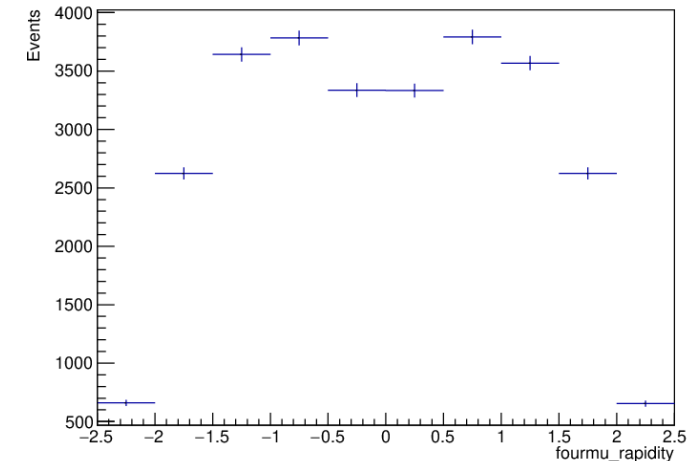
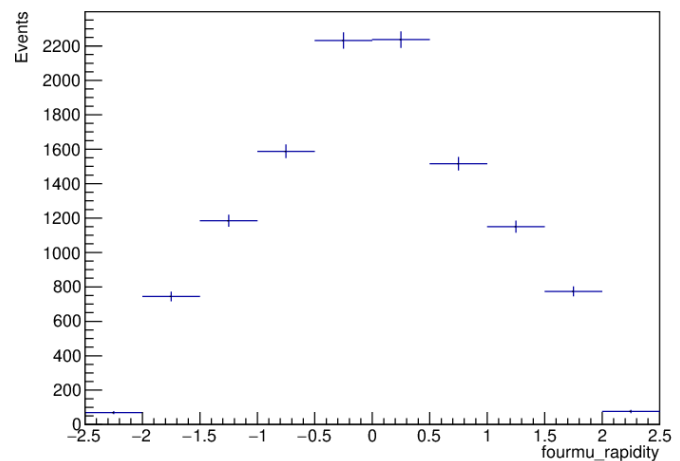
SPS

Data

2016



2018



DPS

SPS

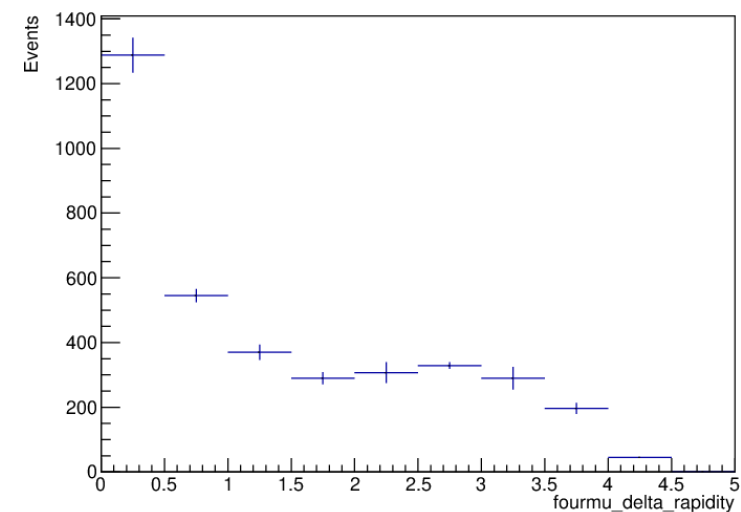
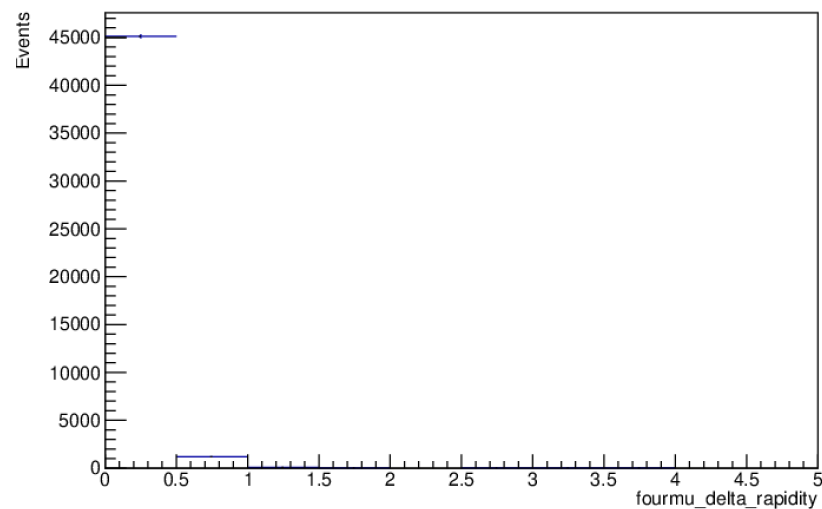
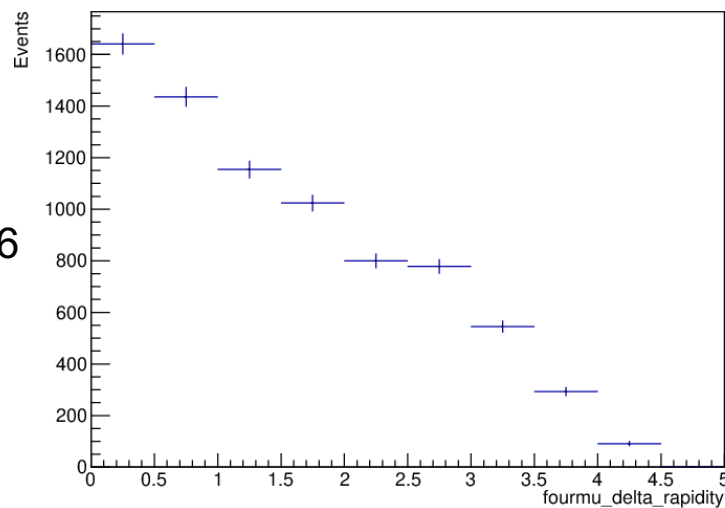
Data



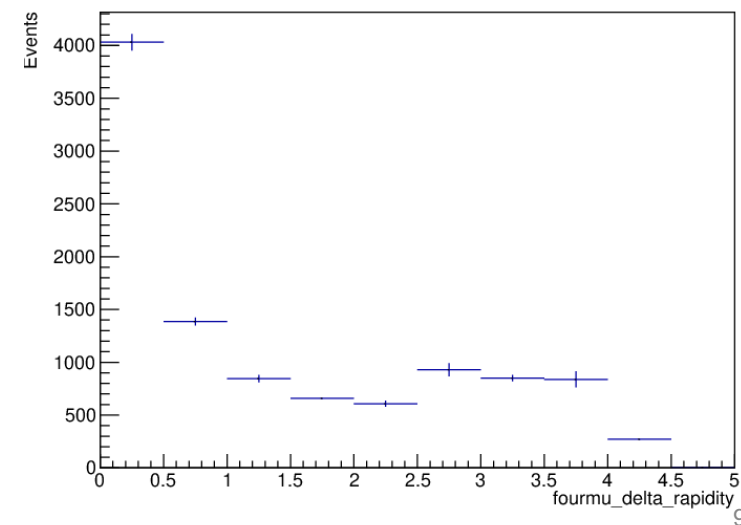
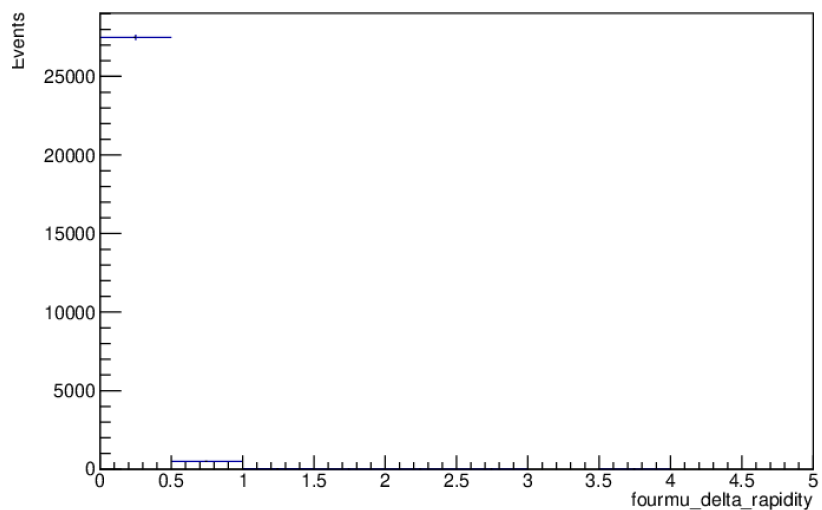
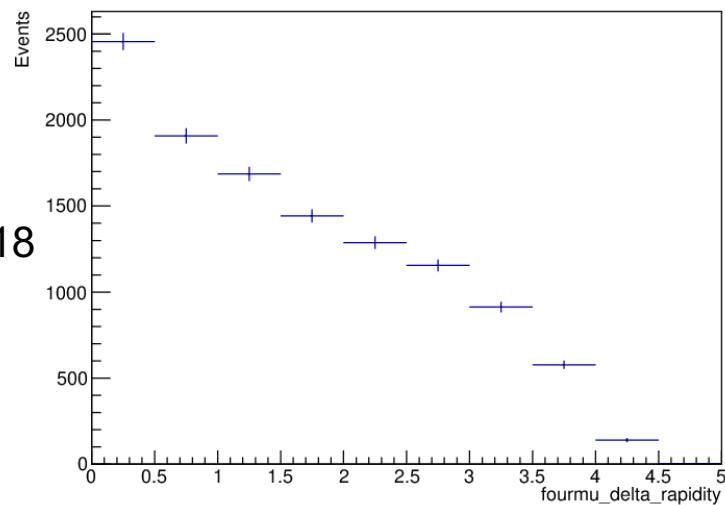
Fourmu_delta_rapidity



2016



2018



DPS

SPS

Data



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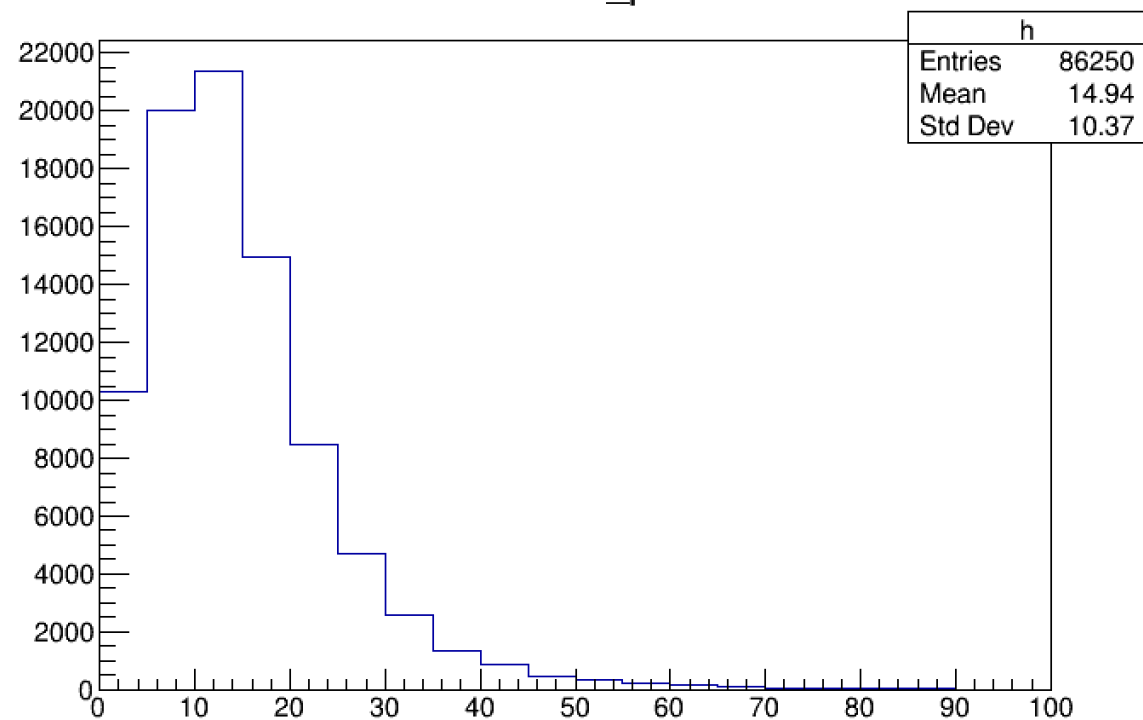
backup



Four muon pt

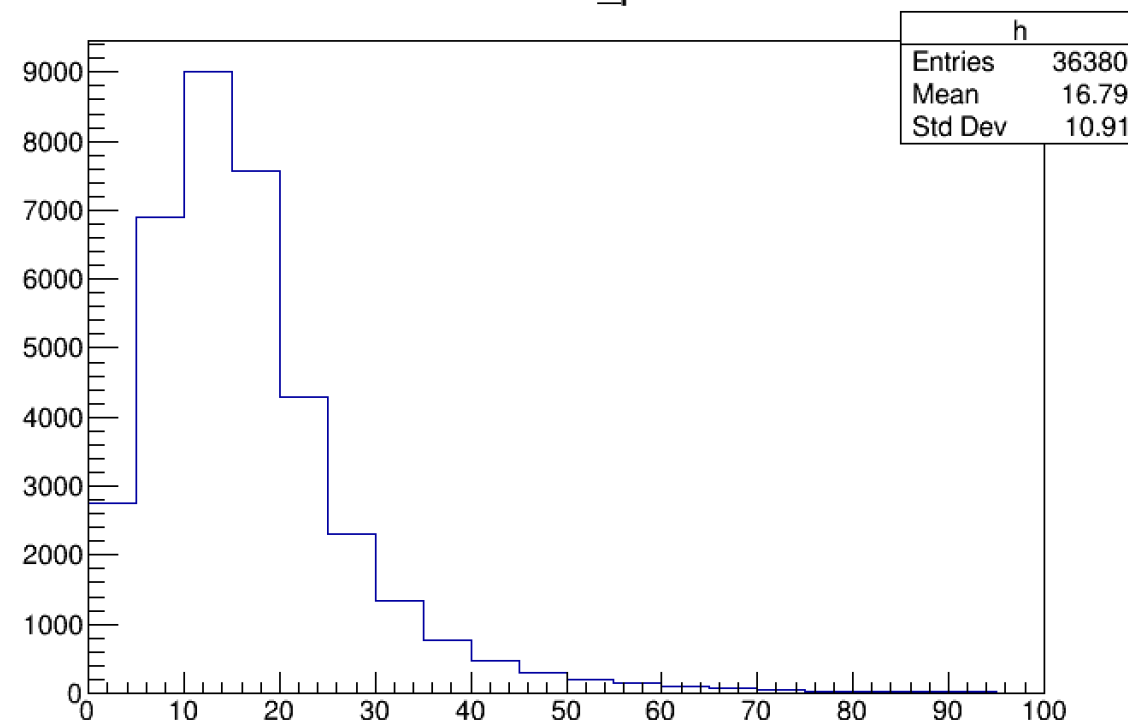


fourMu_pt



2016

fourMu_pt

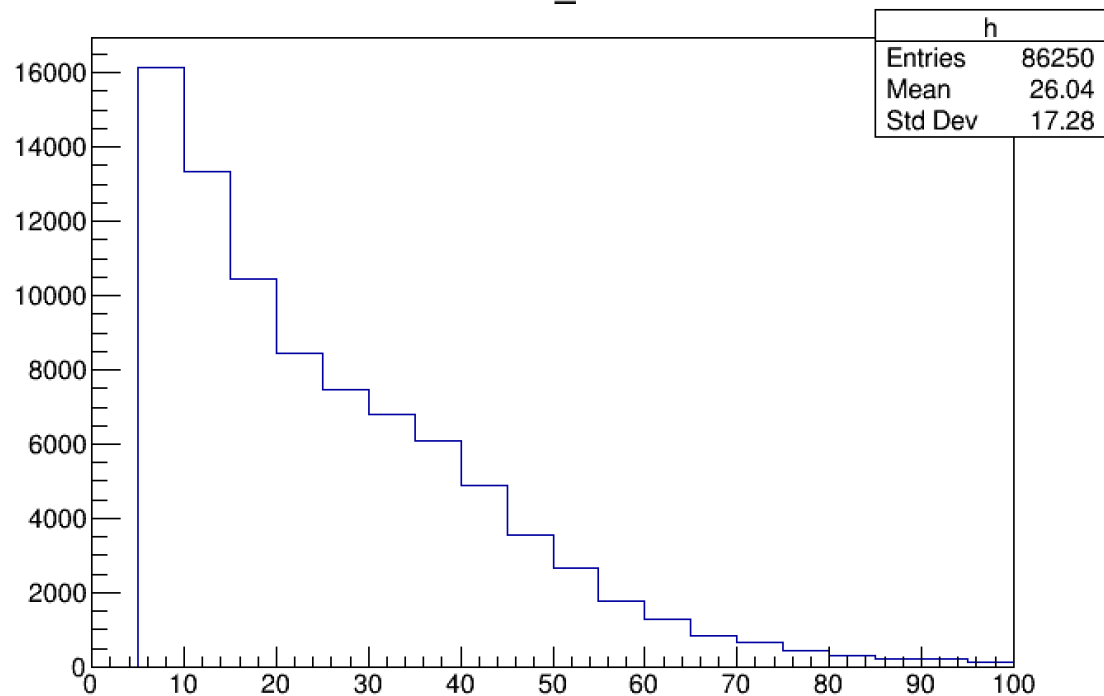


2018

Four muon mass

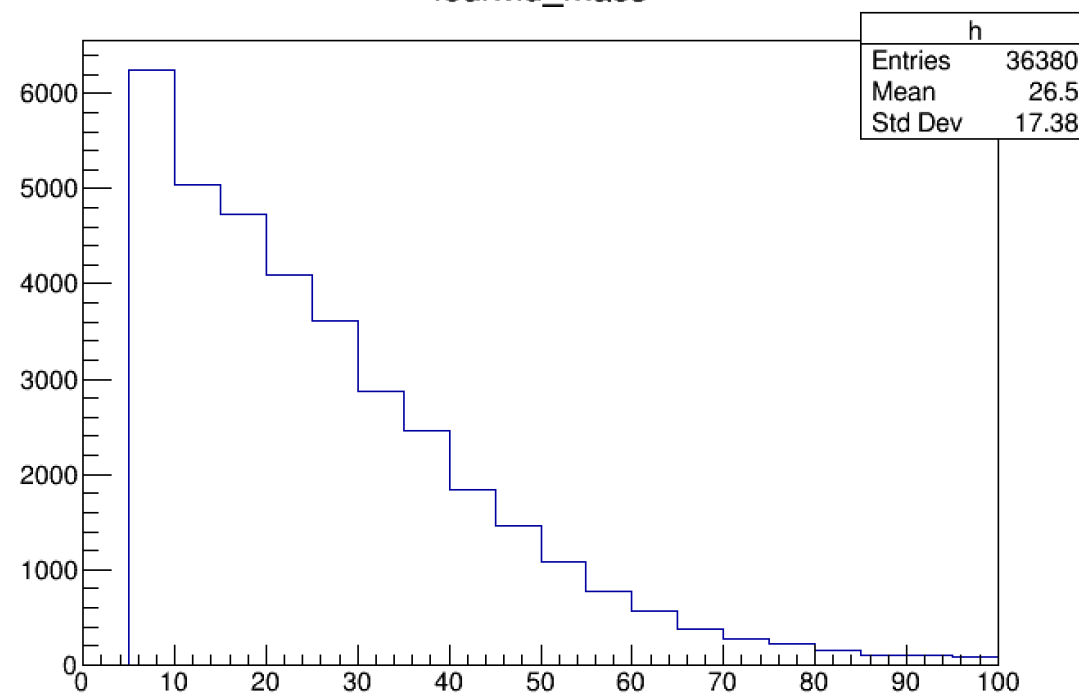


fourMu_mass



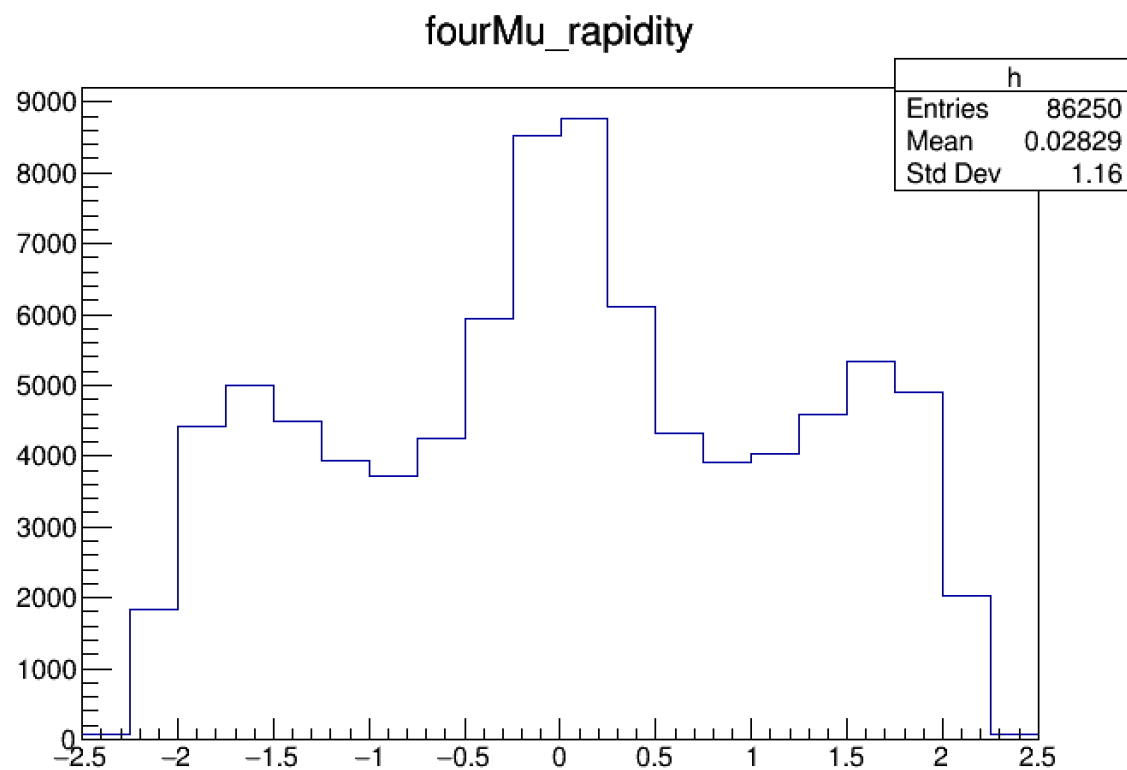
2016

fourMu_mass

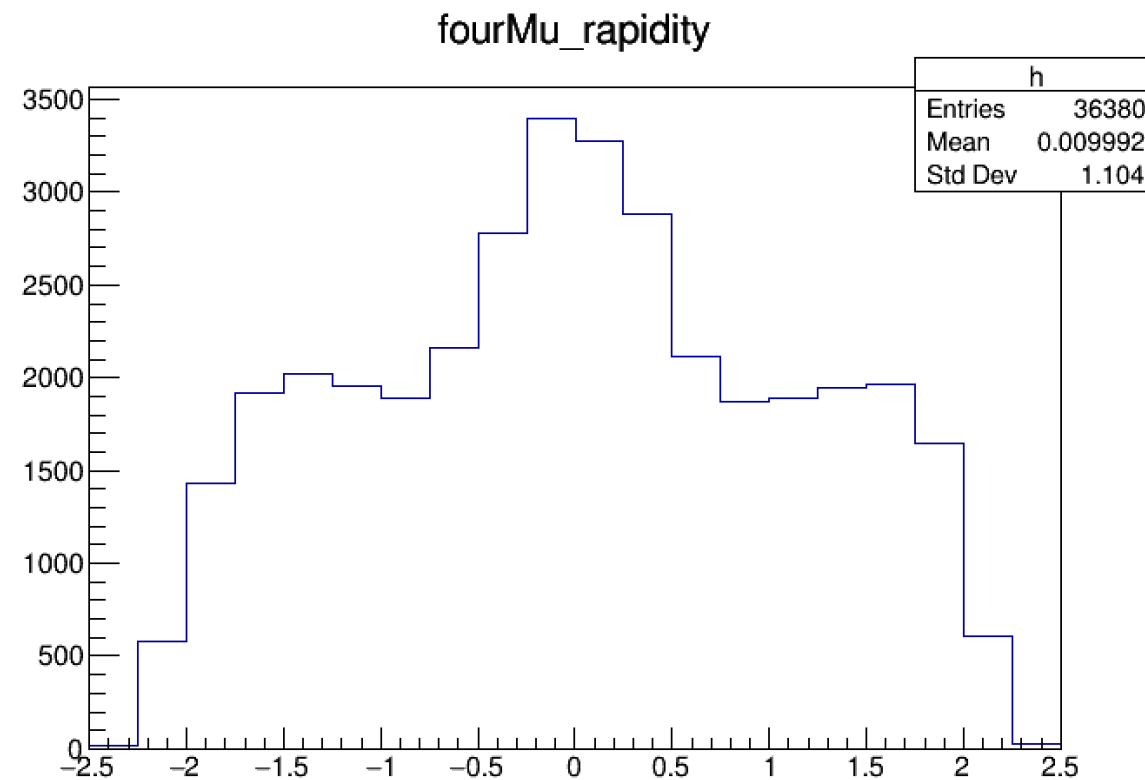


2018

Four muon rapidity



2016

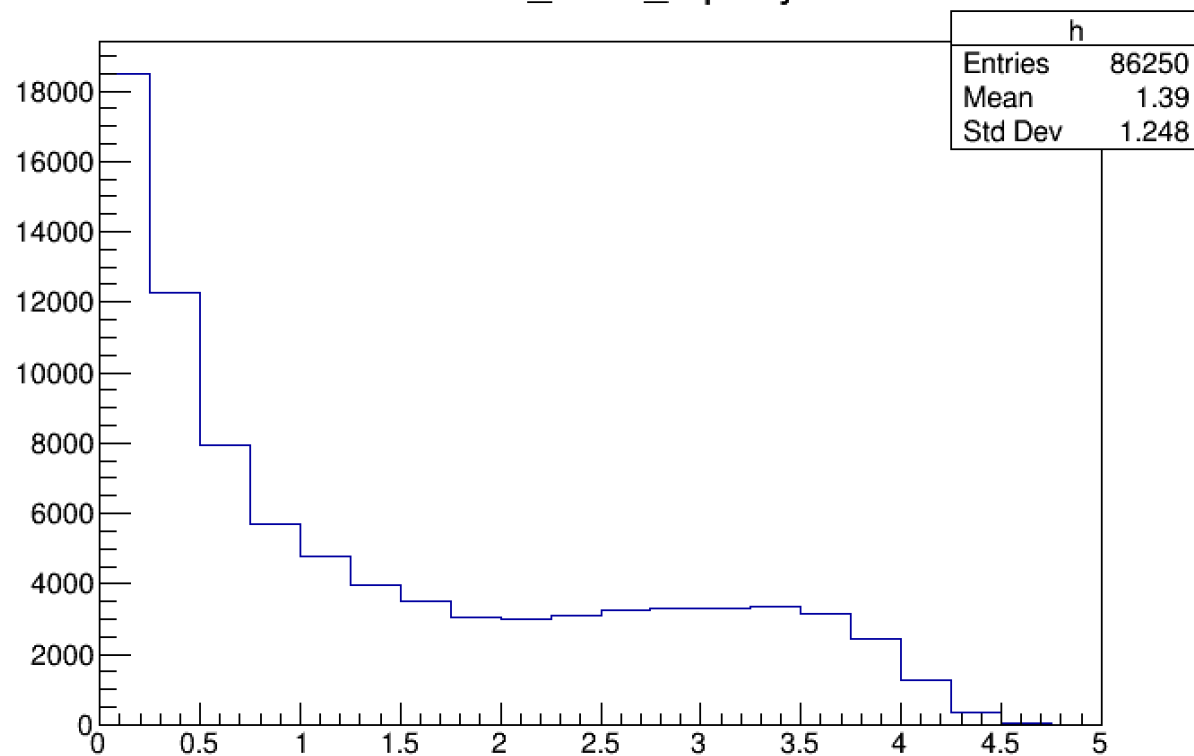


2018

Two muon pairs absolute delta rapidity

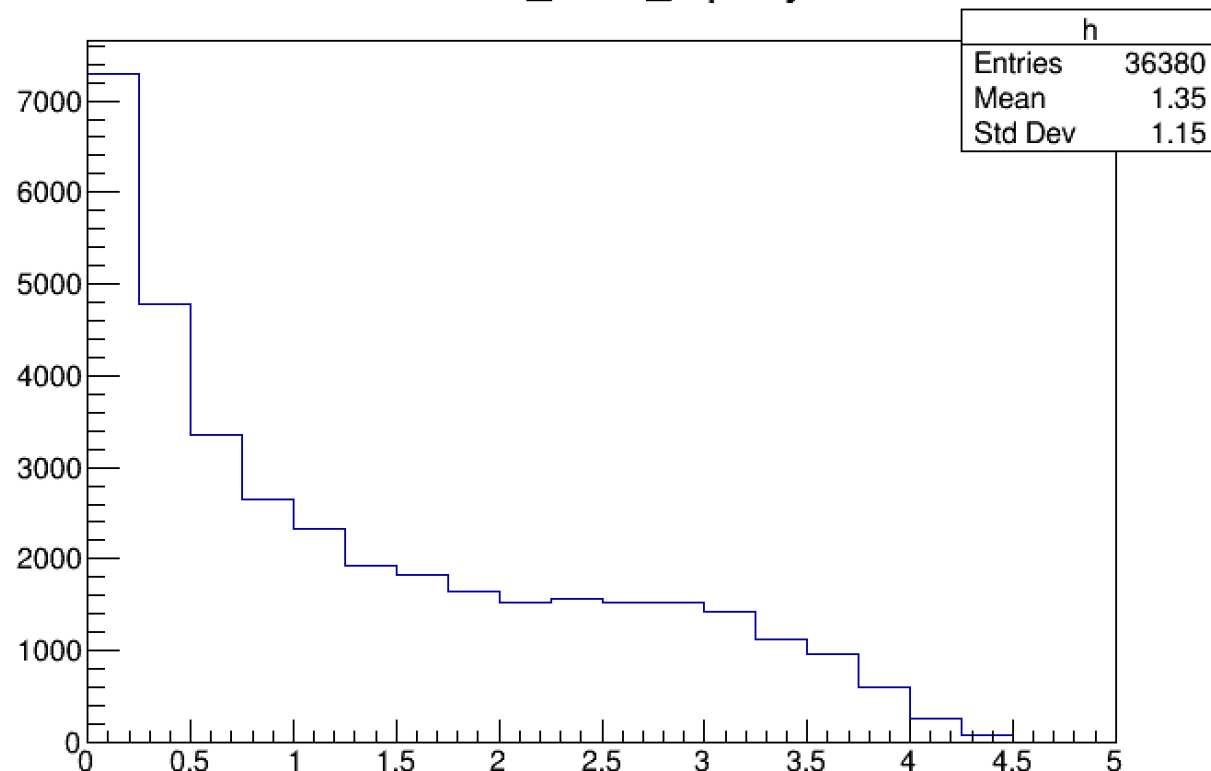


fourMu_Delta_rapidity



2016

fourMu_Delta_rapidity



2018