

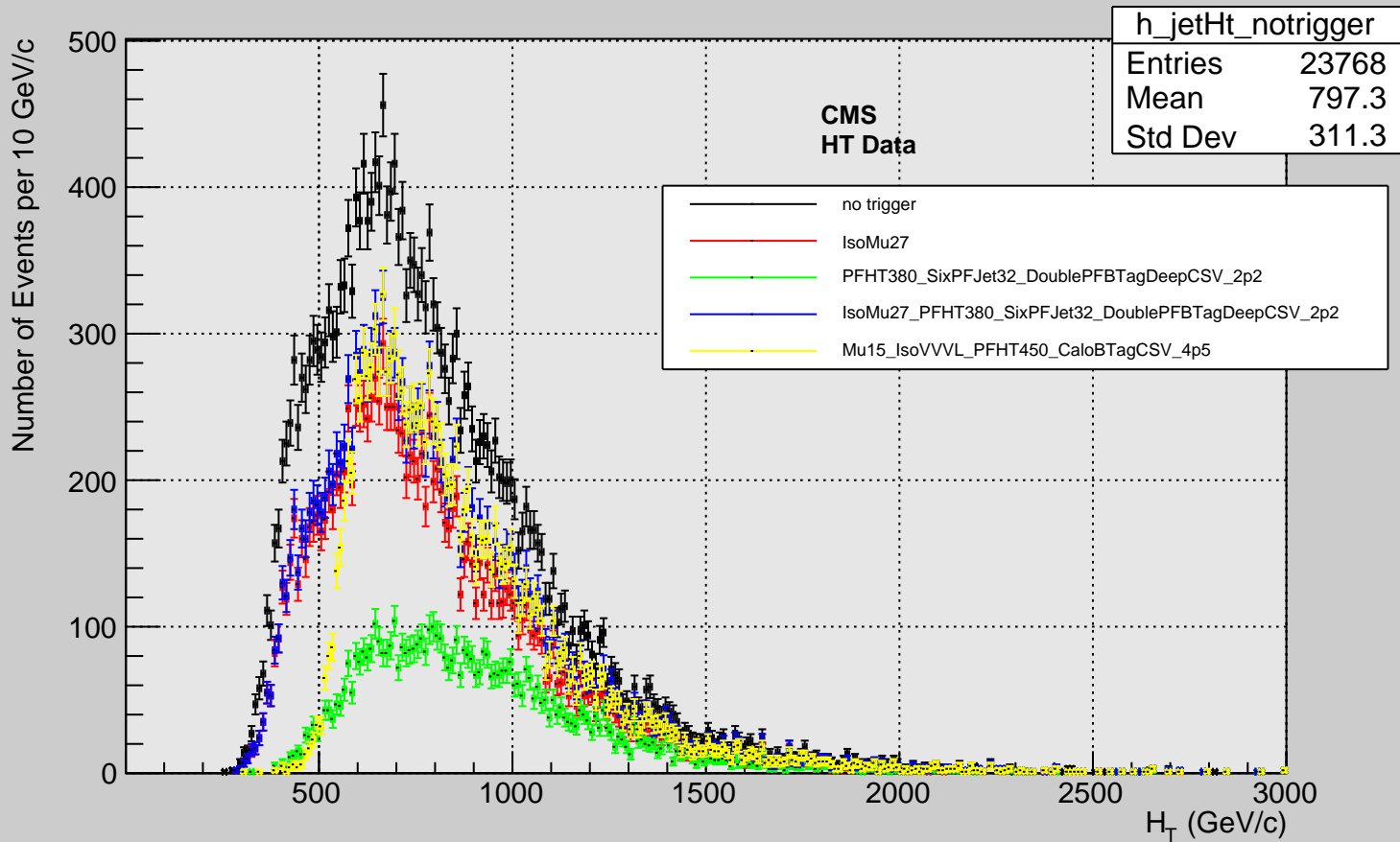
On-line (pre-)selection Requisites for:

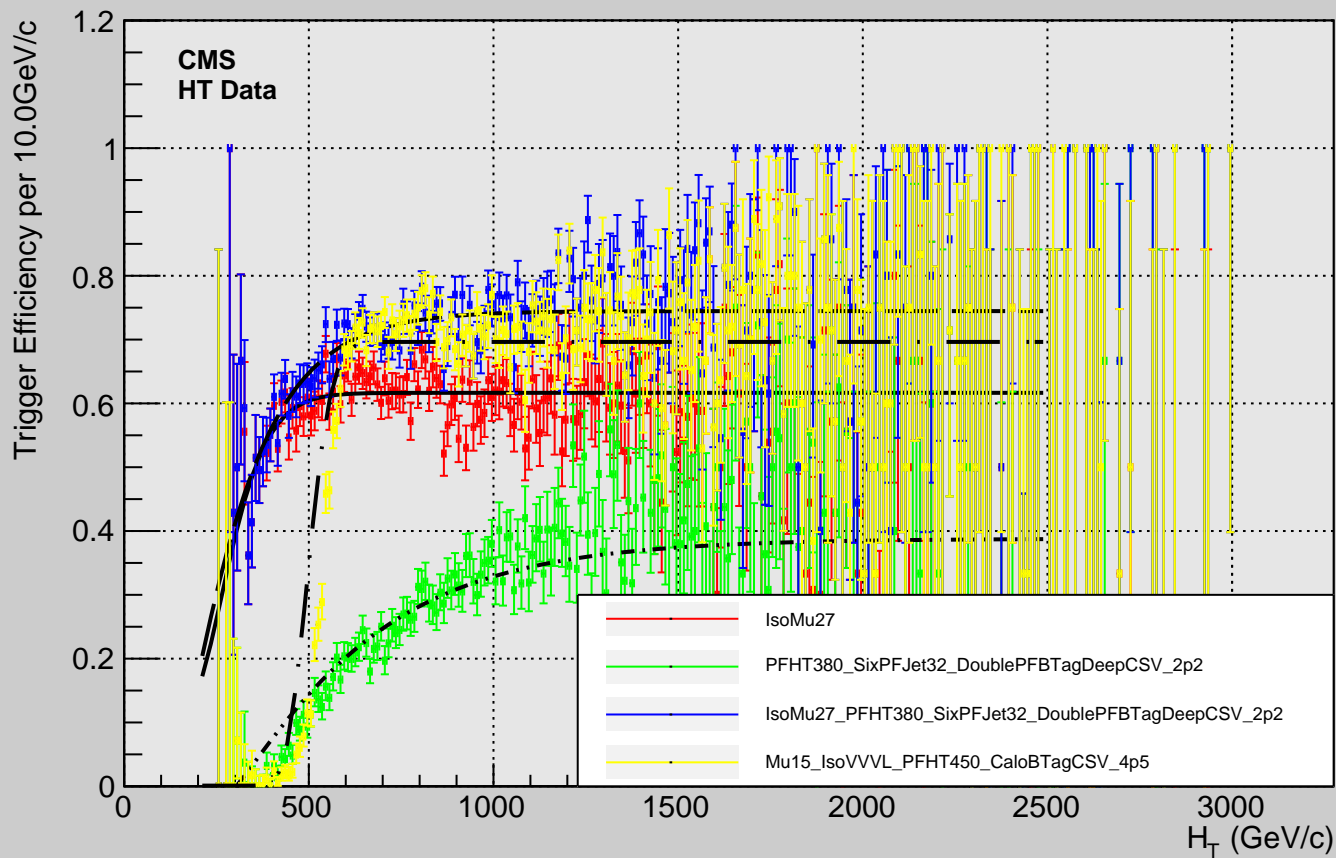
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

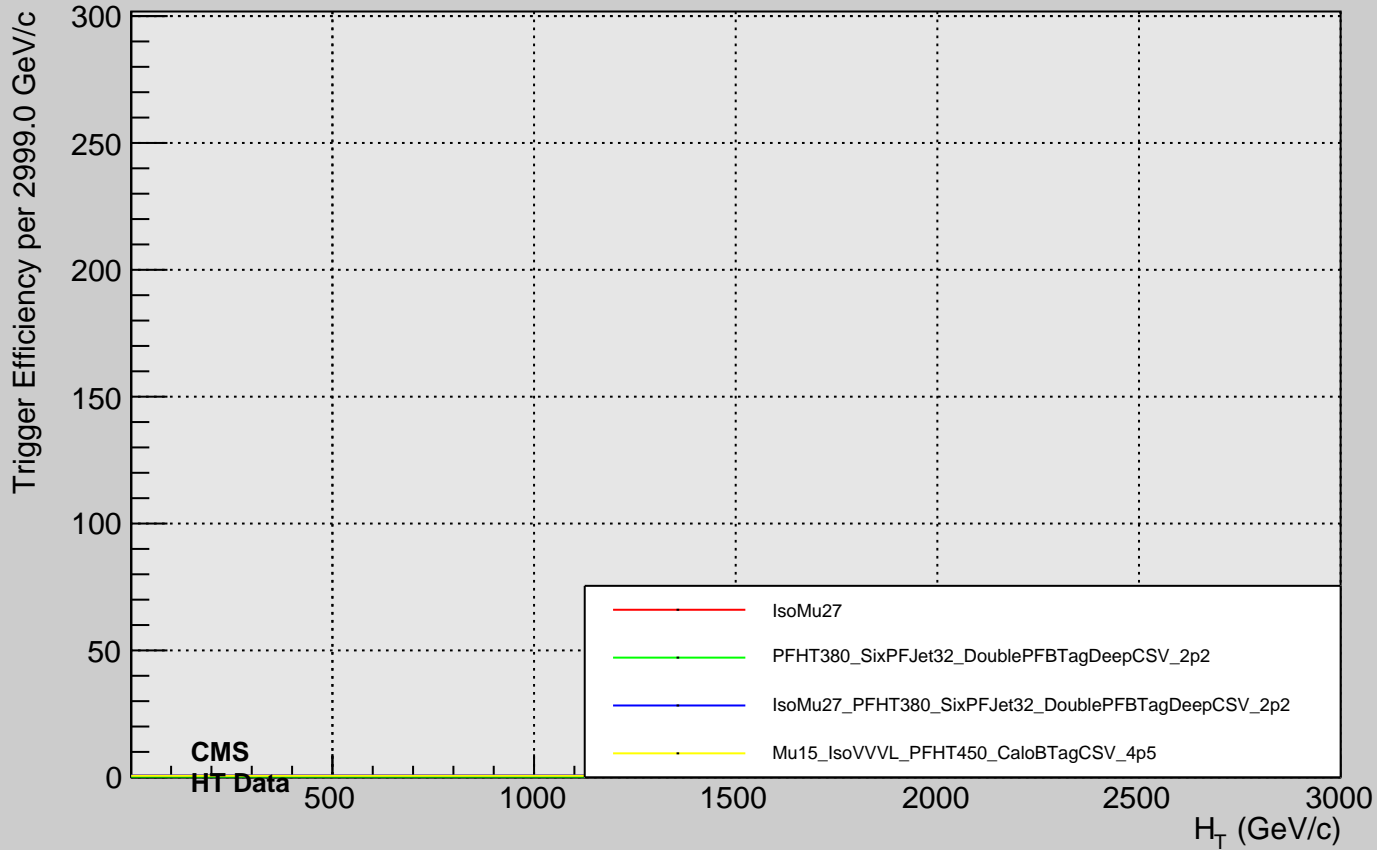
Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

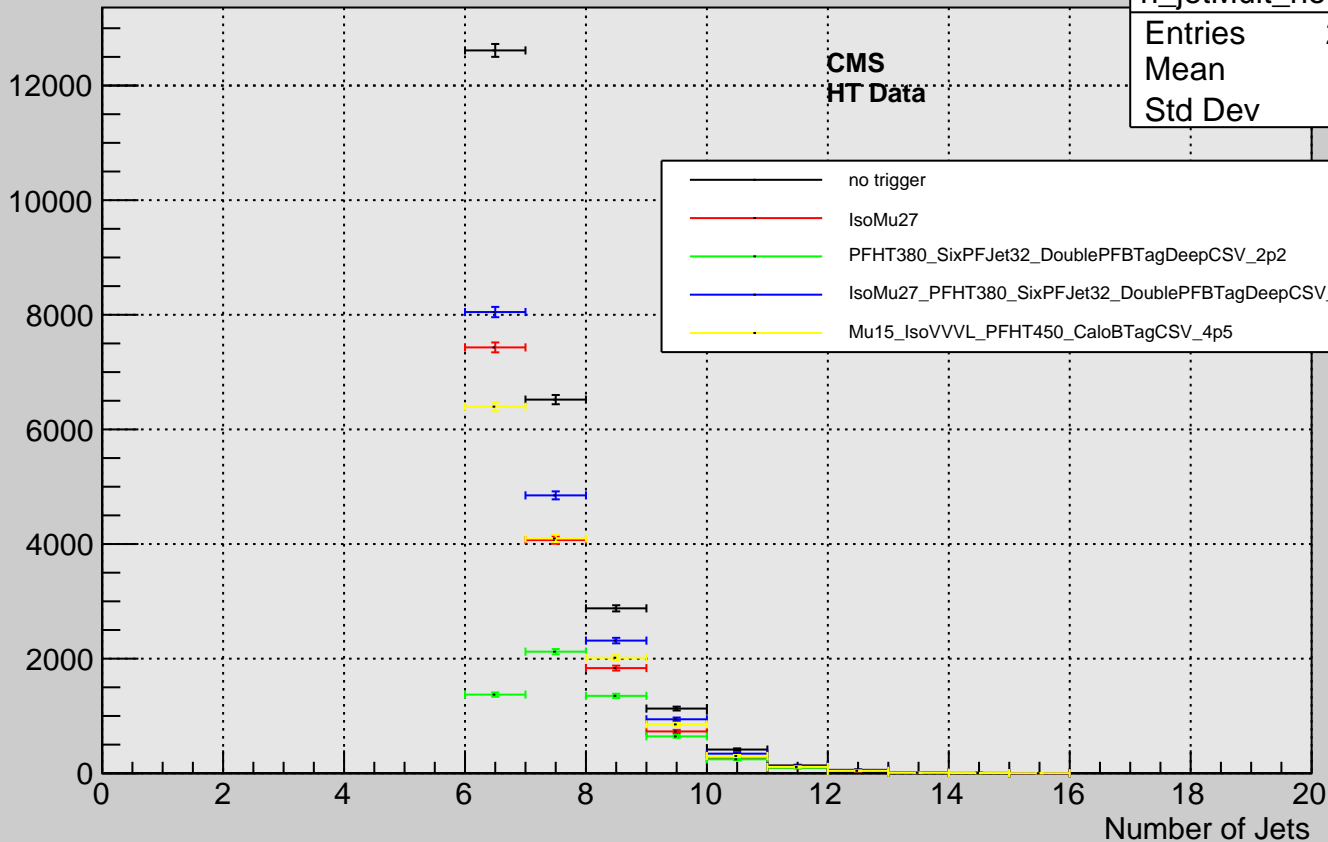
- **Jets:** $\text{jetId} > 2$, $p_{\text{T}} > 30$ and $|\eta| < 2.4$ (for at least 6 jets)
 $\text{btagDeepFlavB} > 0.7489$ (for at least one jet)
- **Muons:** has tightId, $|\eta| < 2.4$ and $\text{miniPFRellso_all} < 0.15$ (for at least 1)



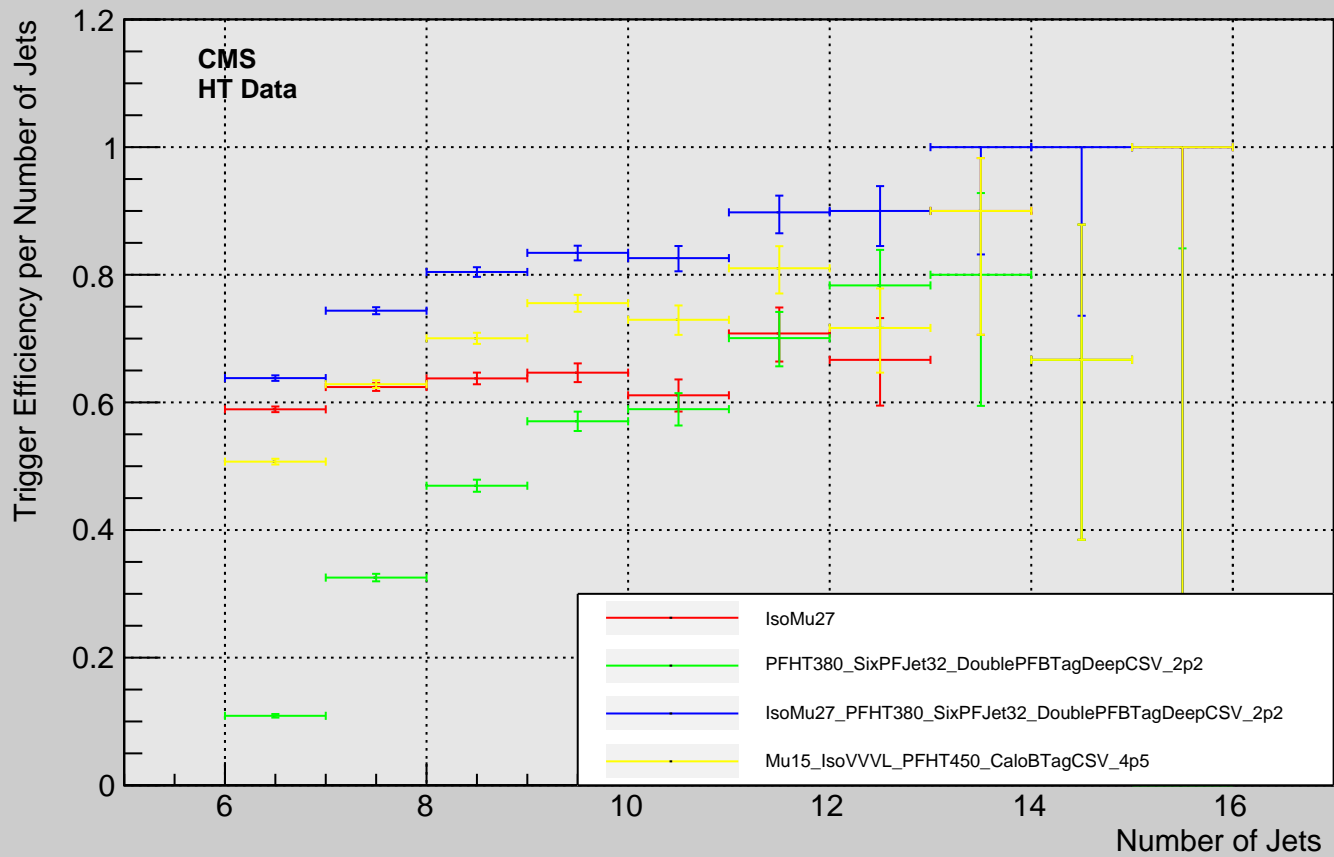




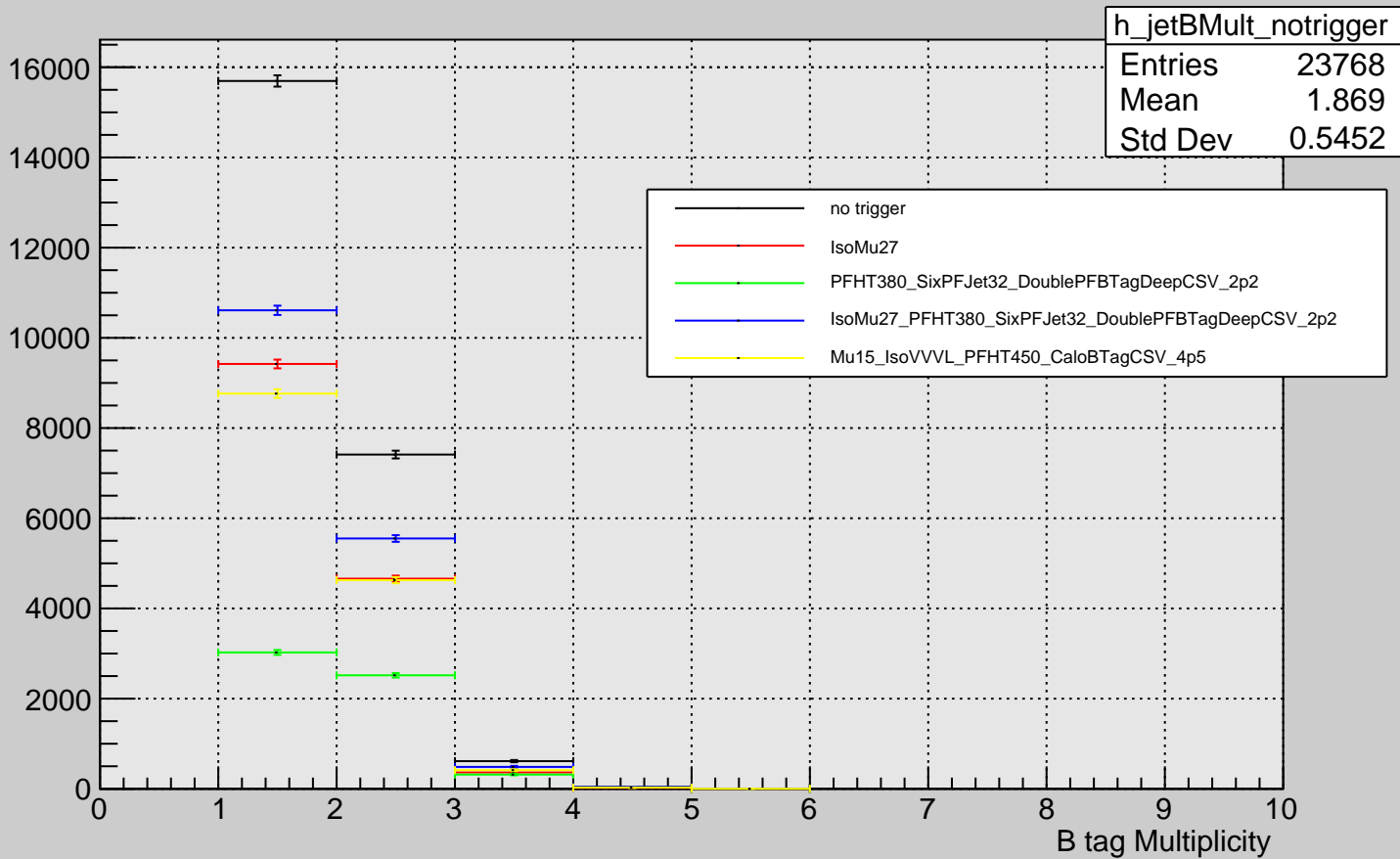
Number of Events per Number of Jets

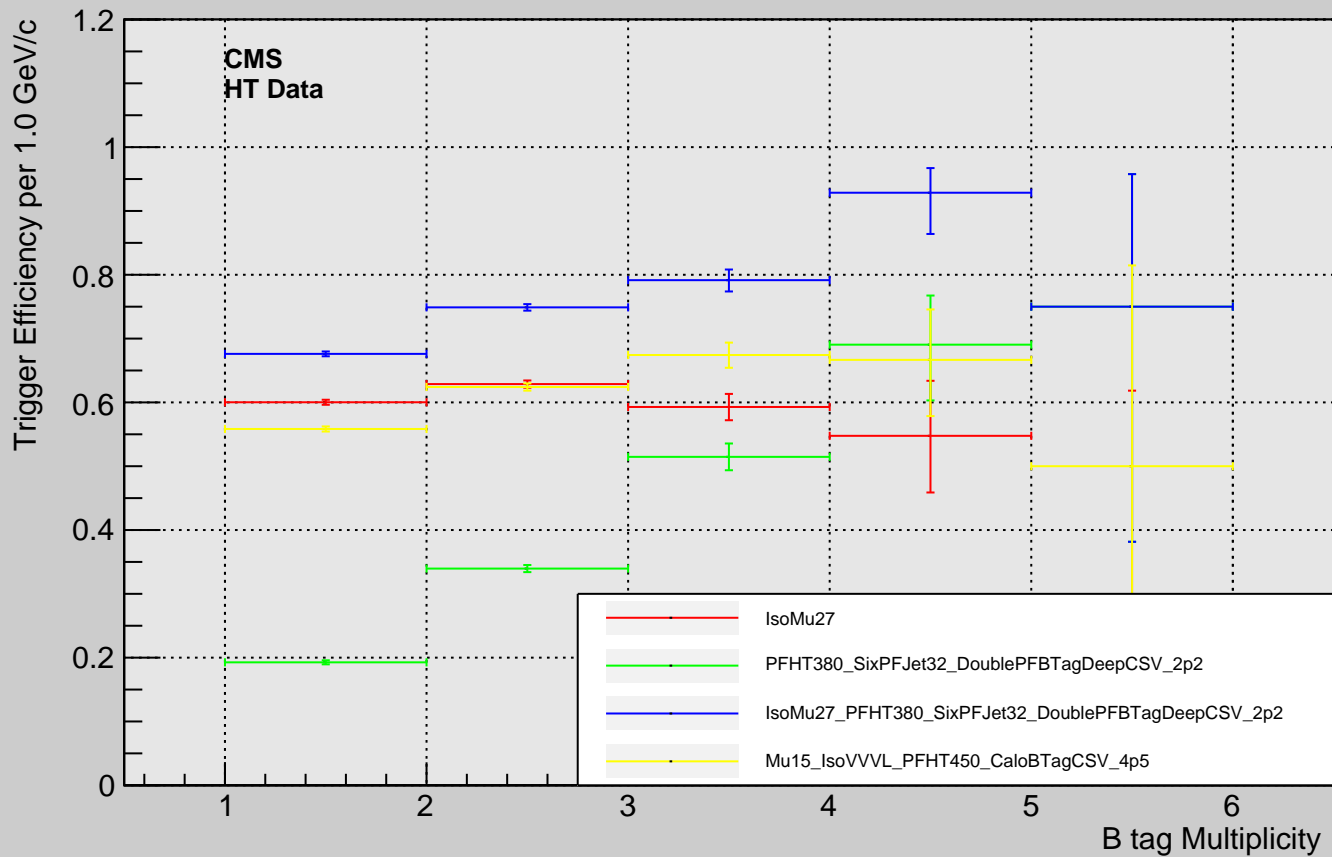


h_jetMult_notrigger	
Entries	23768
Mean	6.778
Std Dev	1.065

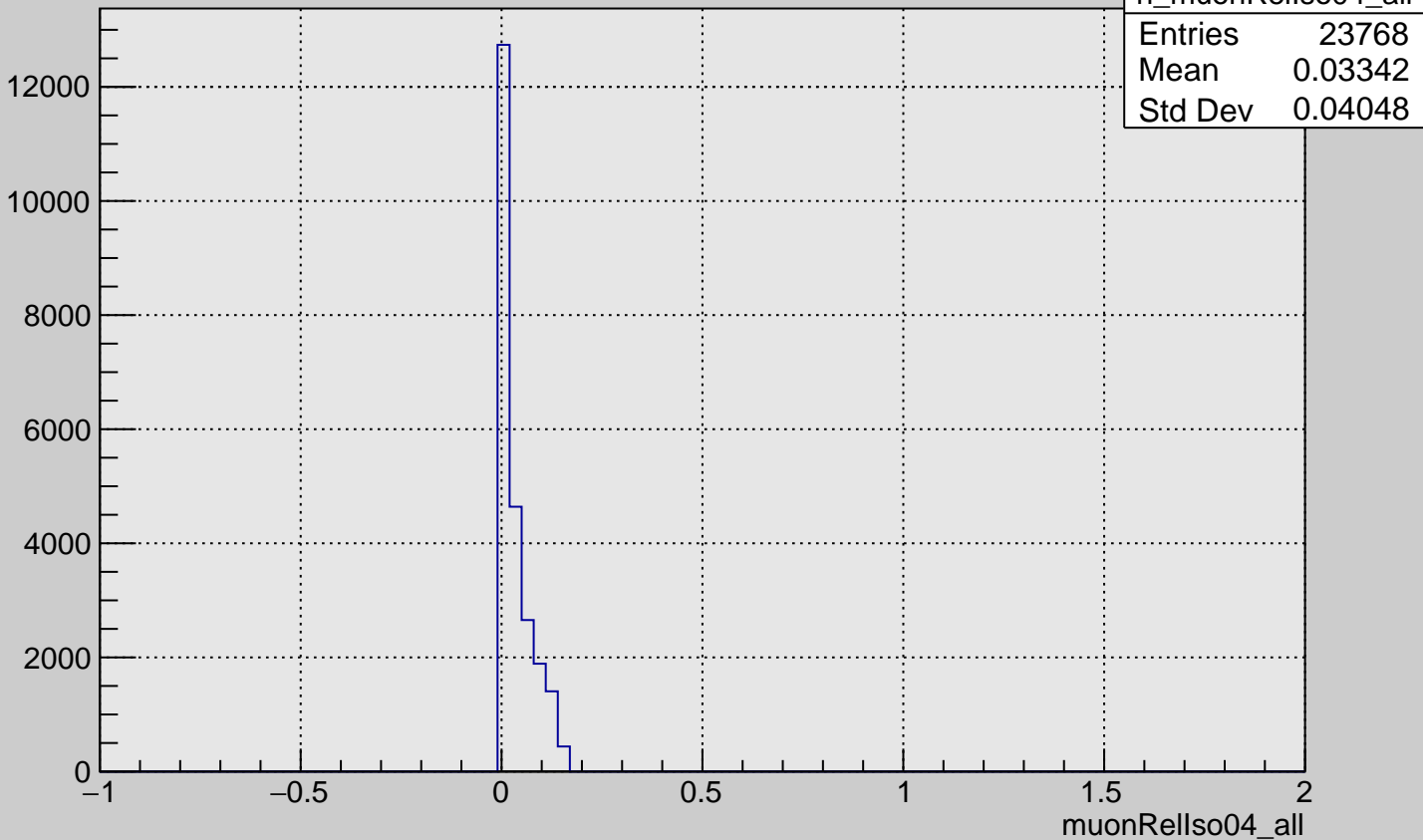


Number of Events per Number of Jets





Number of Events



Number of Events per 1 GeV/c

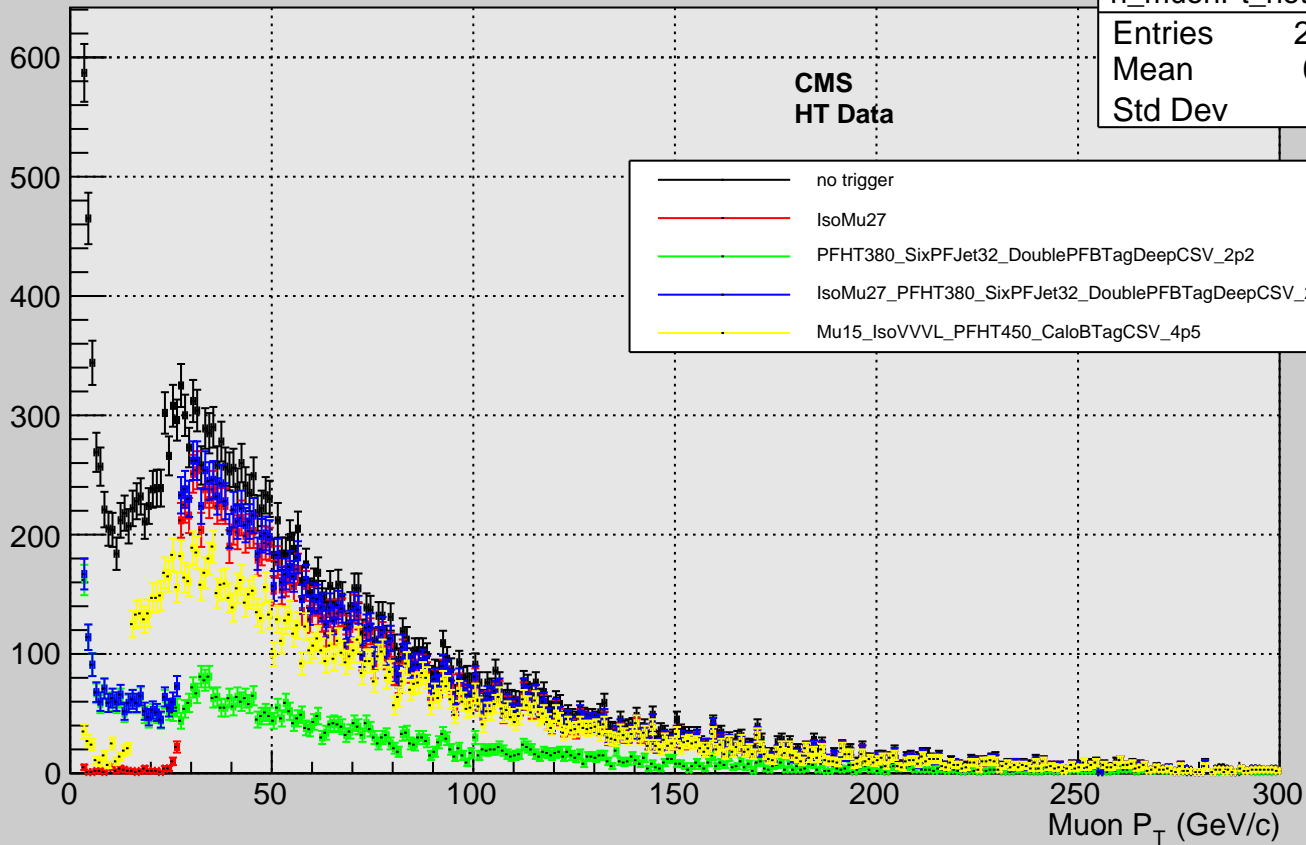
CMS
HT Data

h_muonPt_notrigger

Entries 23768

Mean 62.78

Std Dev 53.3



Number of Events per 1 GeV/c

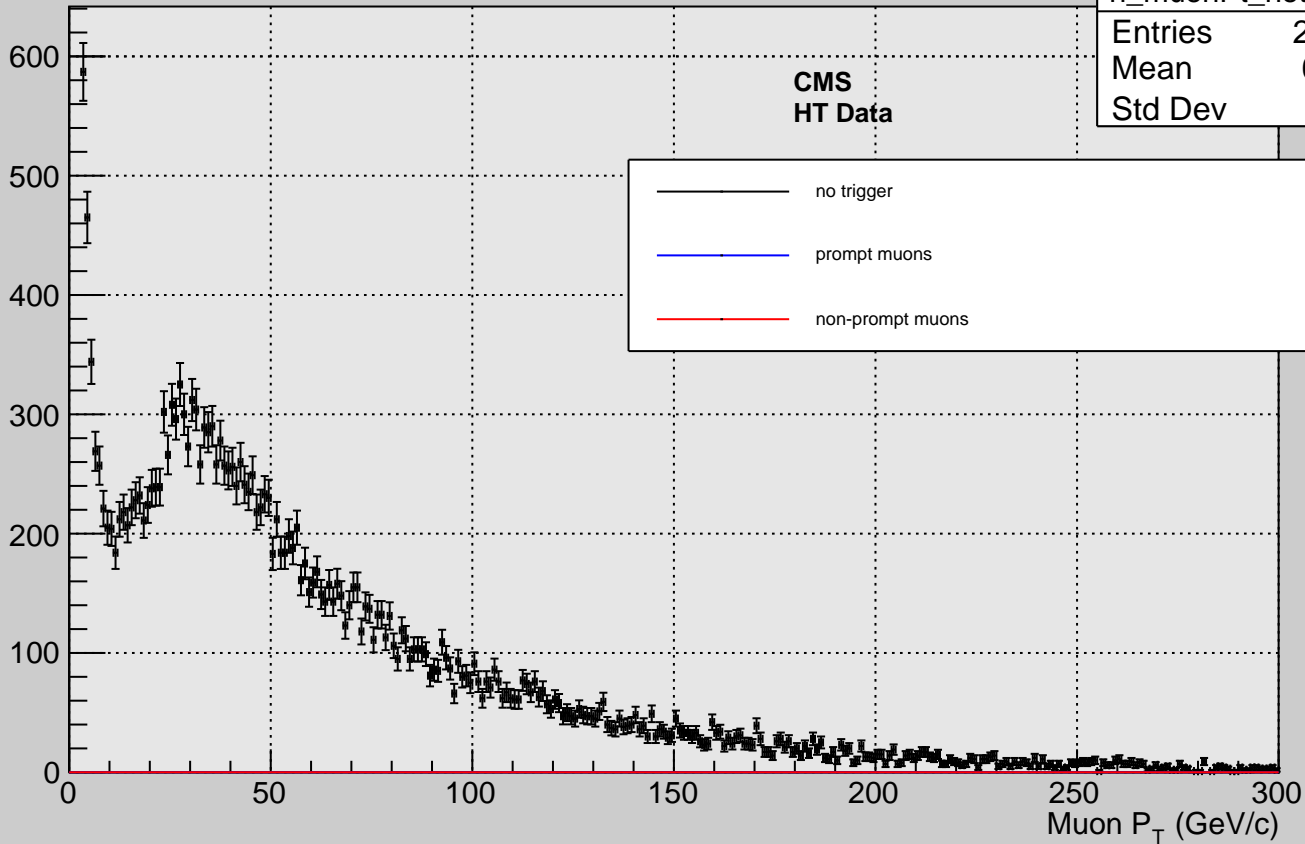
CMS
HT Data

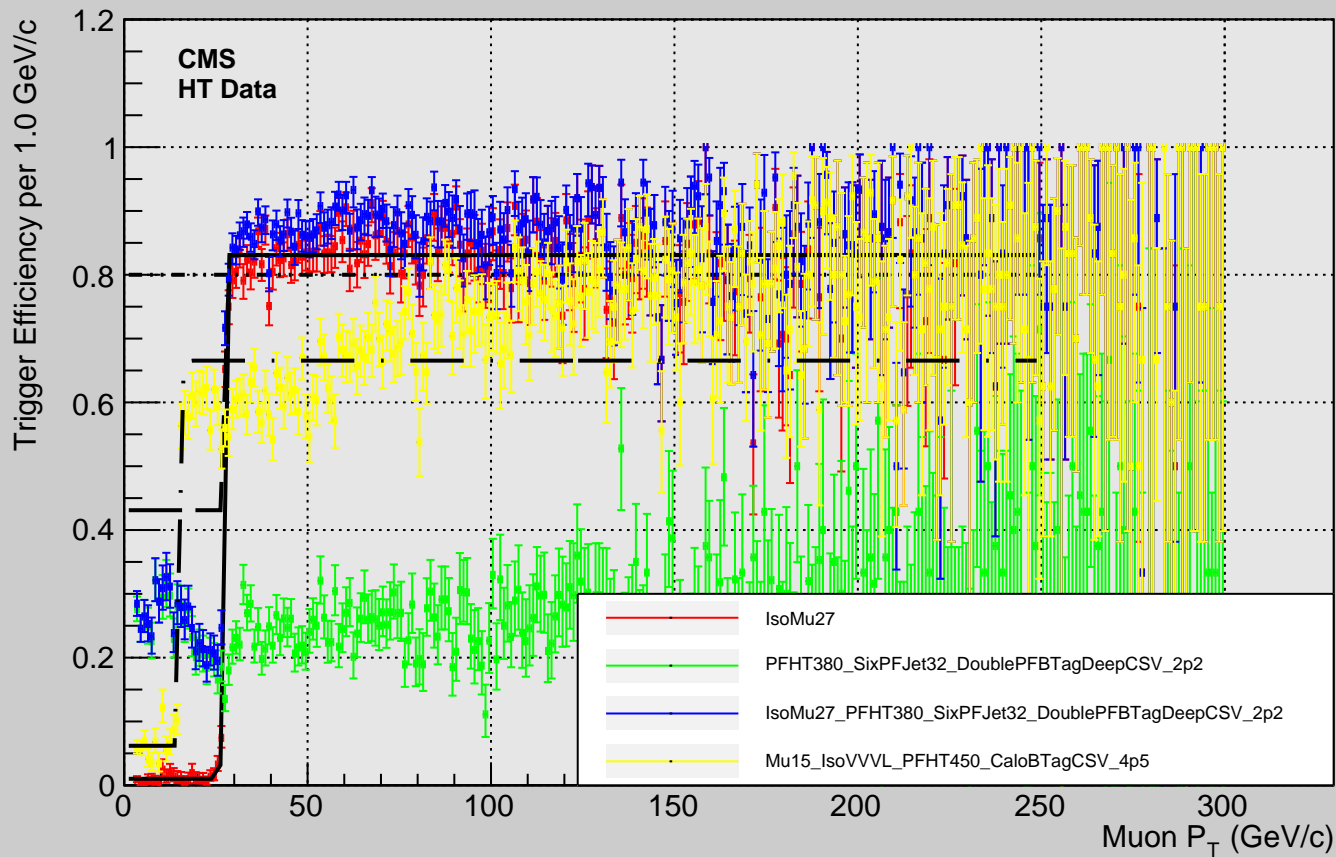
h_muonPt_notrigger

Entries 23768

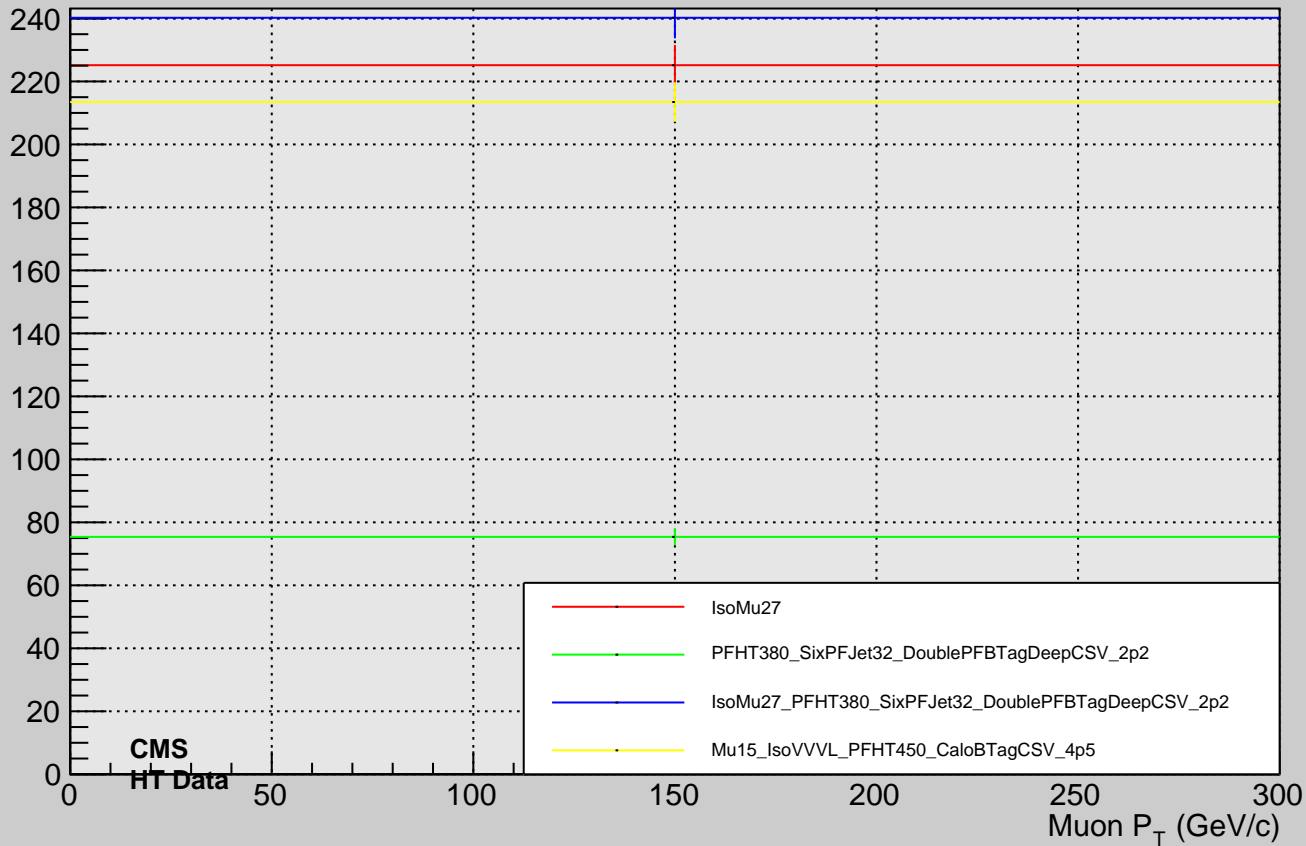
Mean 62.78

Std Dev 53.3

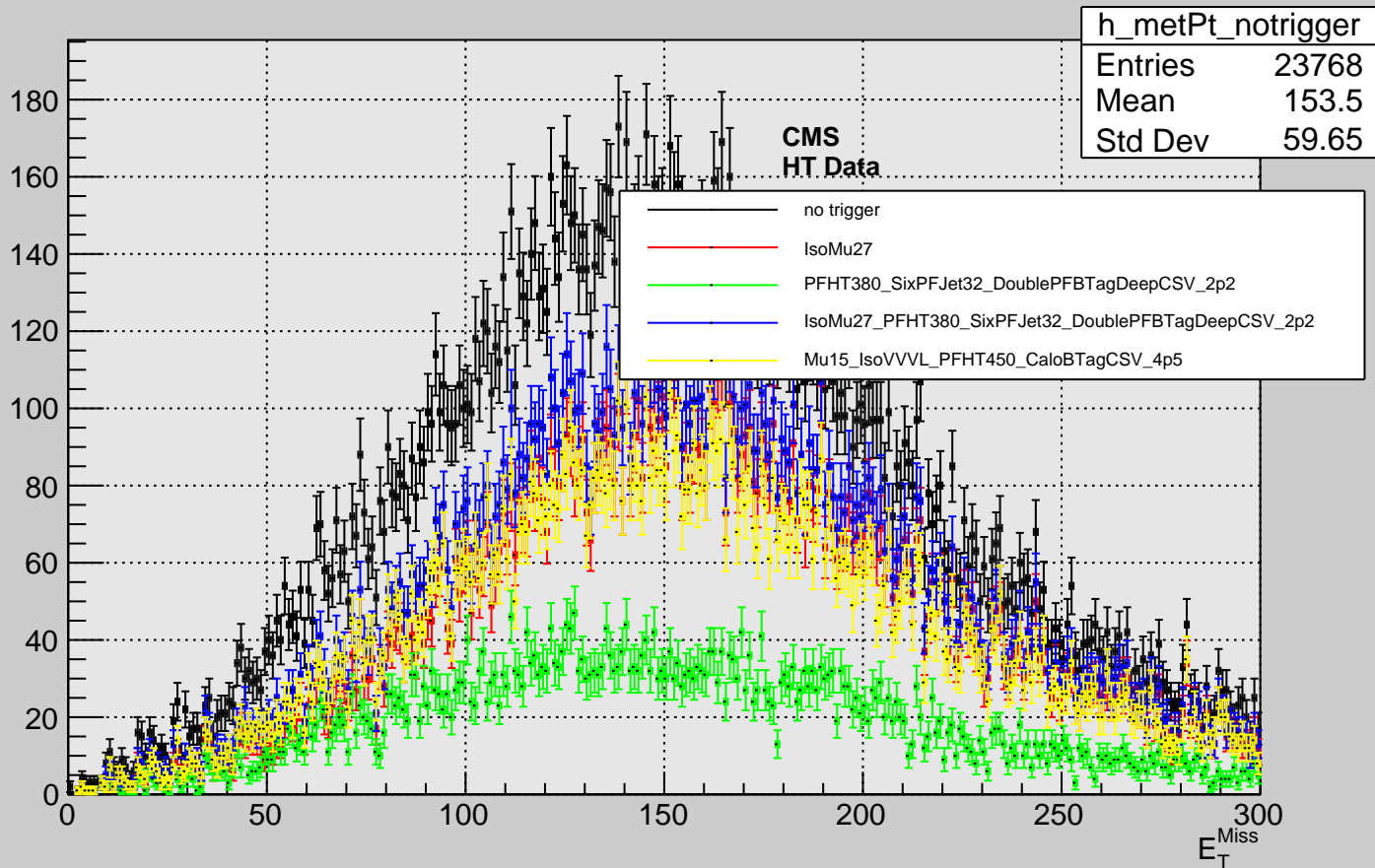


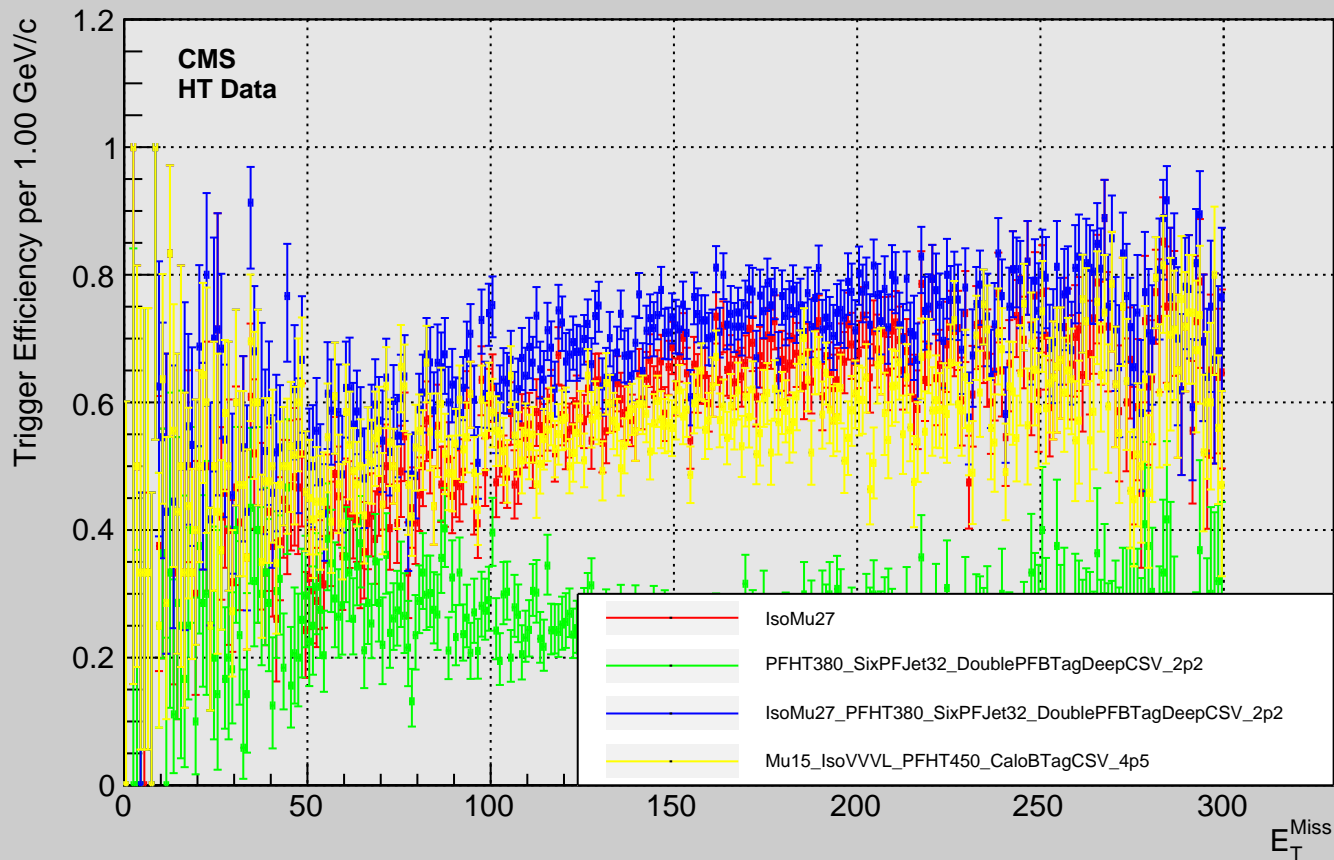


Trigger Efficiency per 1.00 GeV/c

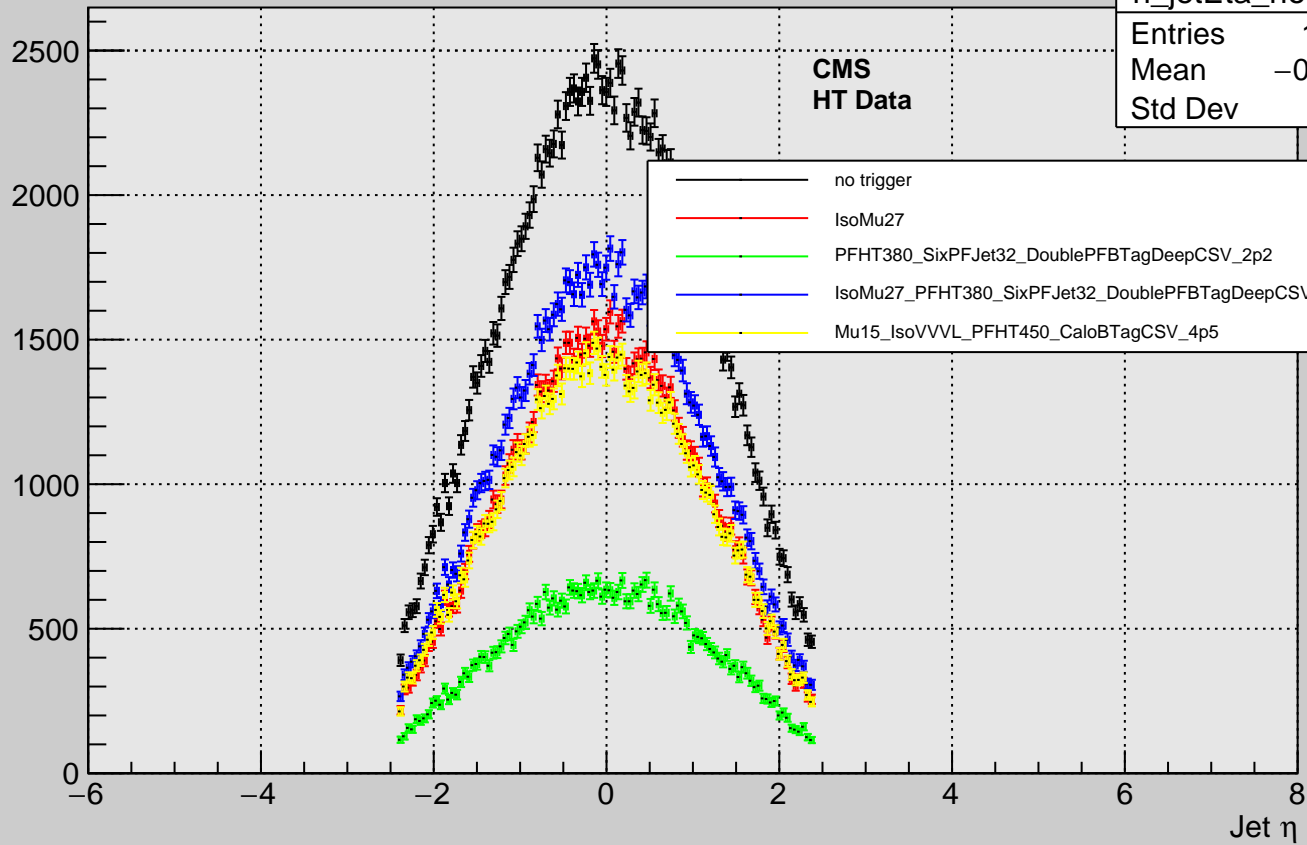


Number of Events per 1 GeV/c



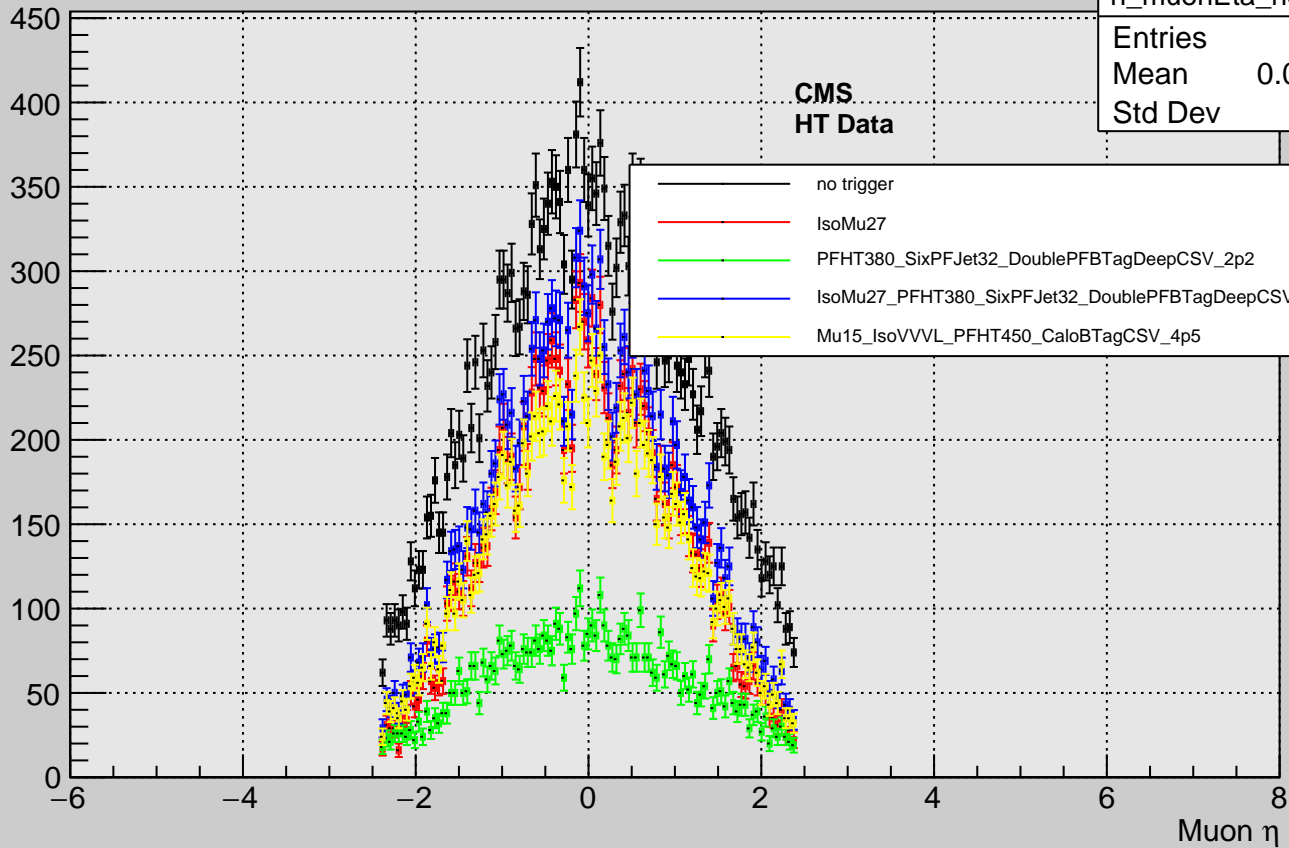


Number of Events per $\delta\eta = 0.046$



h_jetEta_notrigger	
Entries	161099
Mean	-0.01278
Std Dev	1.112

Number of Events per $\delta\eta = 0.046$

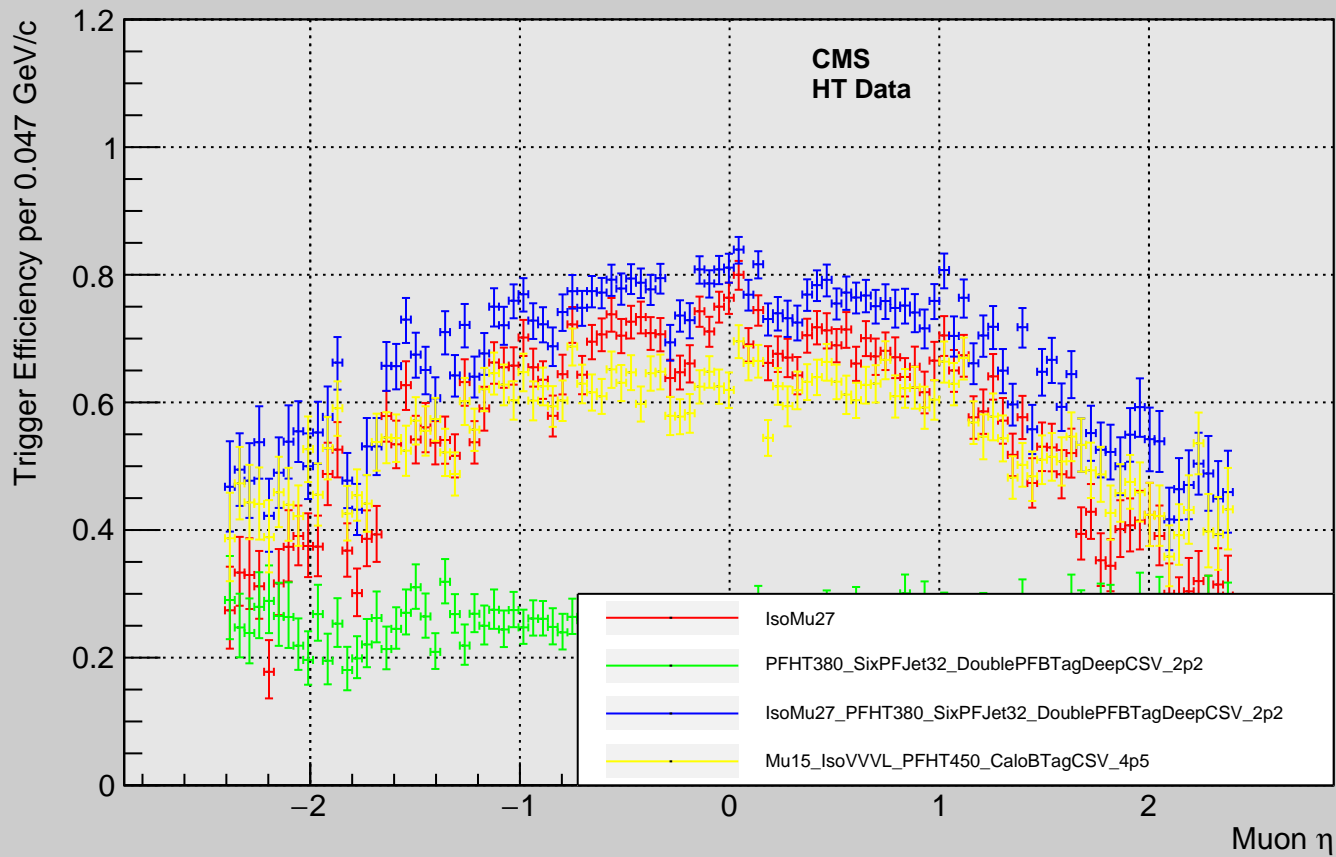


h_muonEta_notrigger

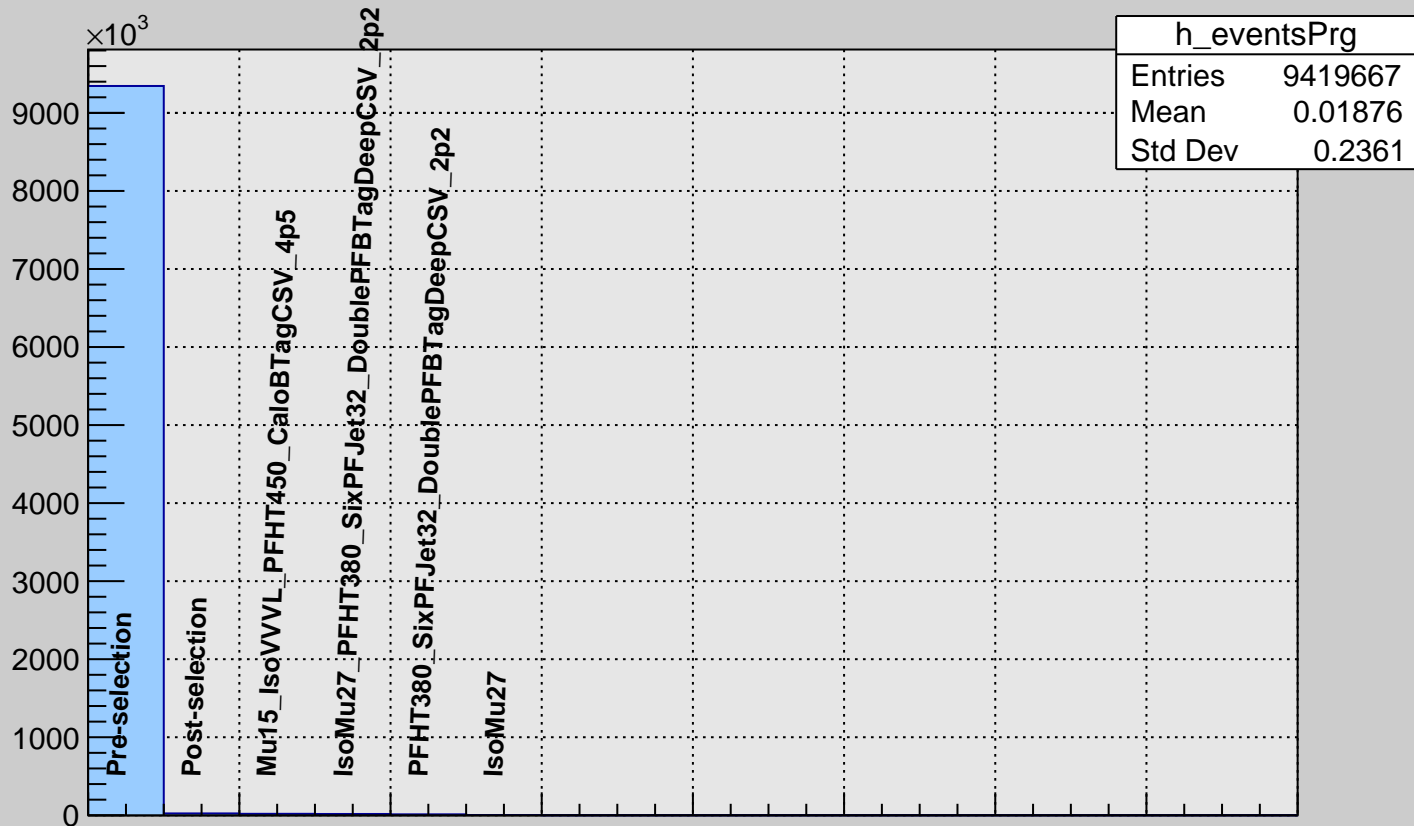
Entries 23768

Mean 0.003162

Std Dev 1.137



Total Number of Accepted Events



Cuts and Triggers