

On-line (pre-)selection Requisites for:

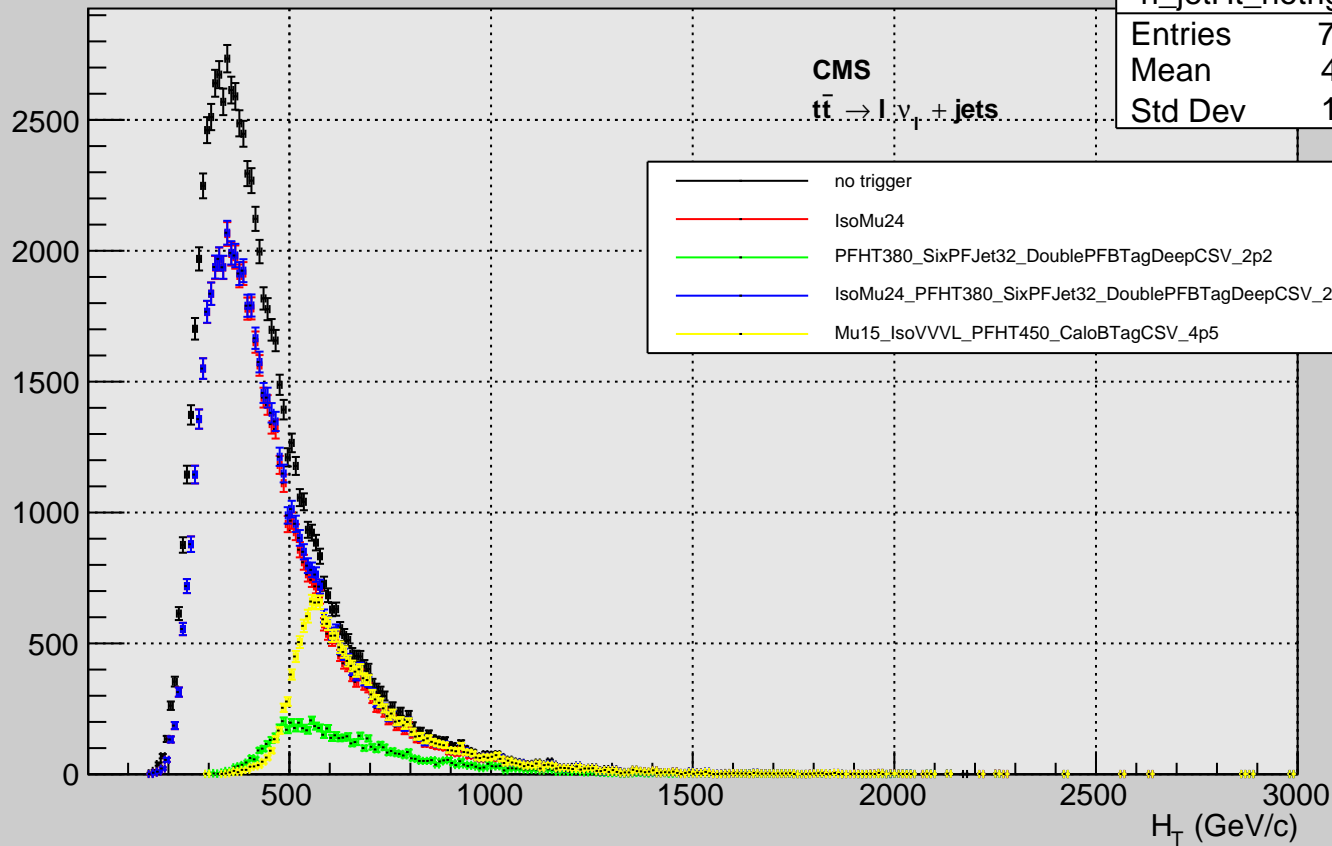
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

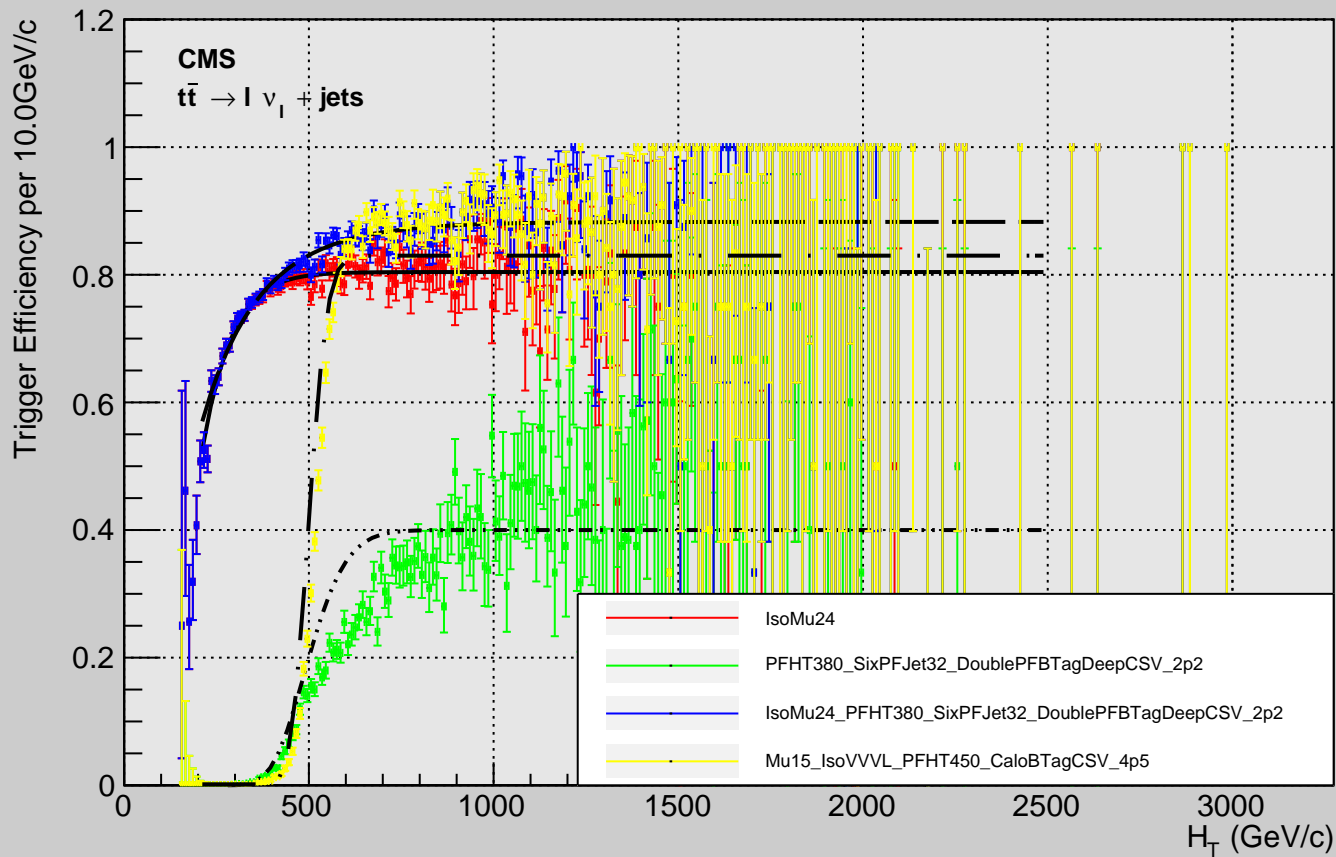
Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

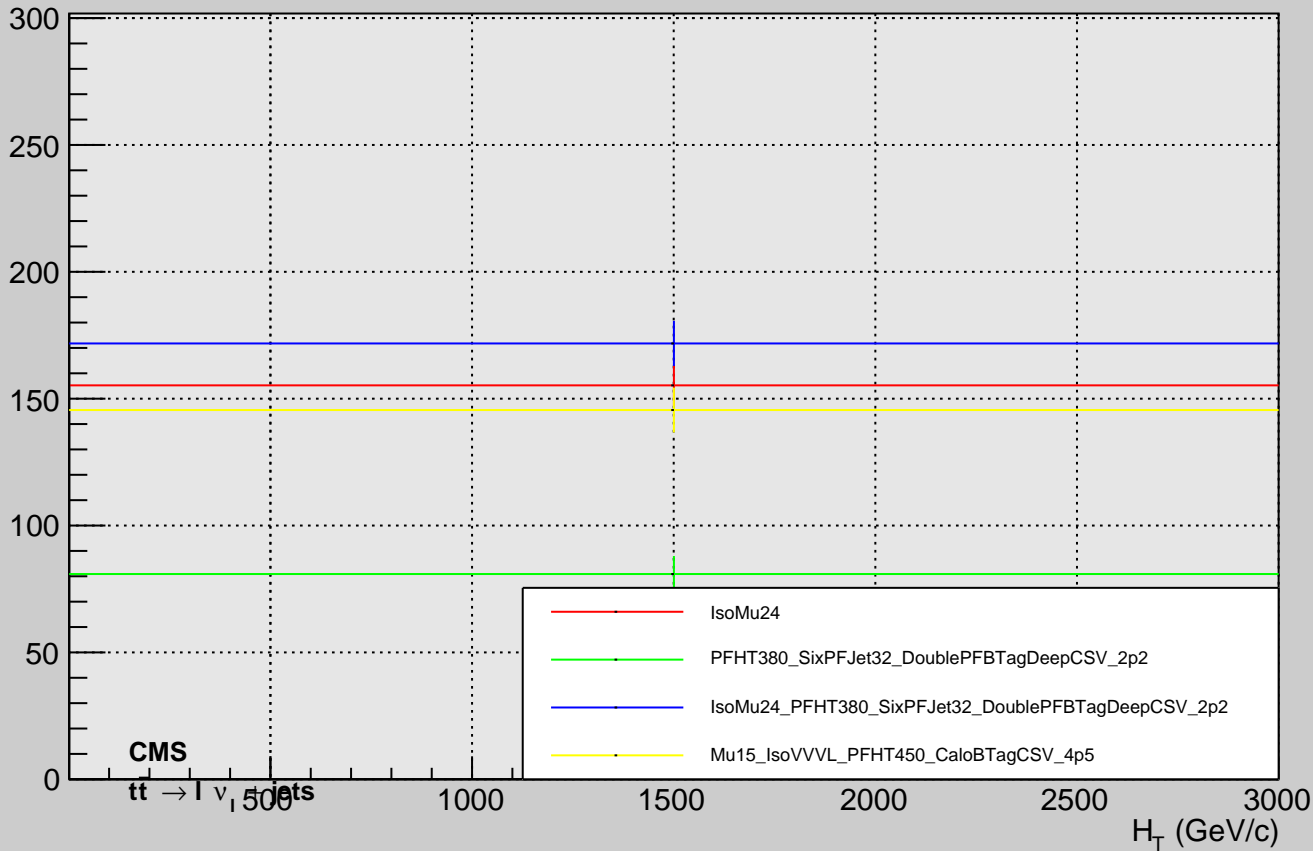
- **Jets:** $\text{jetId} > 2$, $p_{\text{T}} > 20$ and $|\eta| < 2.4$ (for at least 6 jets)
 $\text{btagDeepFlavB} > 0.7489$ (for at least one jet)
- **Muons:** has tightId, $|\eta| < 2.4$ and $\text{miniPFRellso_all} < 0.15$ (for at least 1)

Number of Events per 10 GeV/c

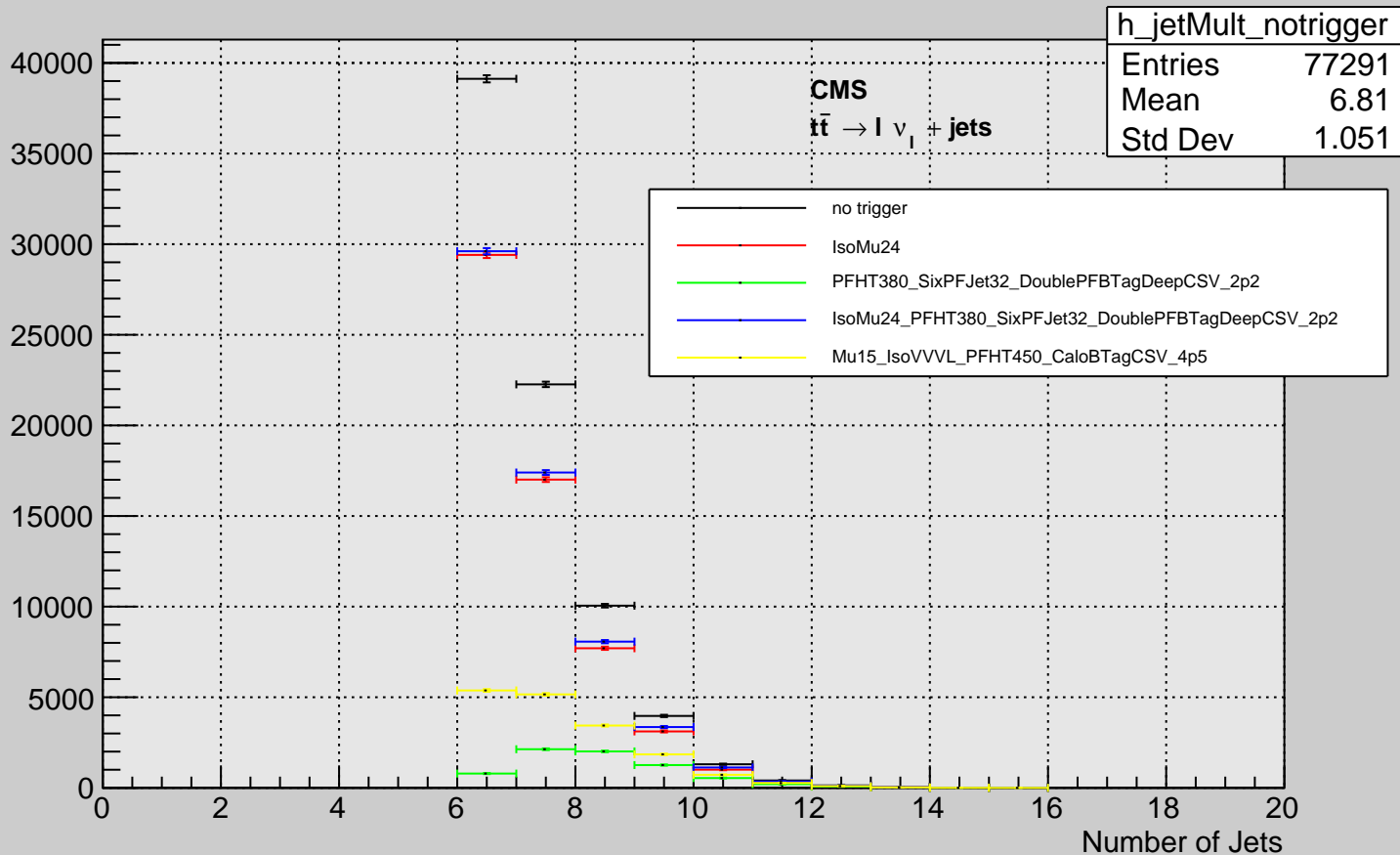


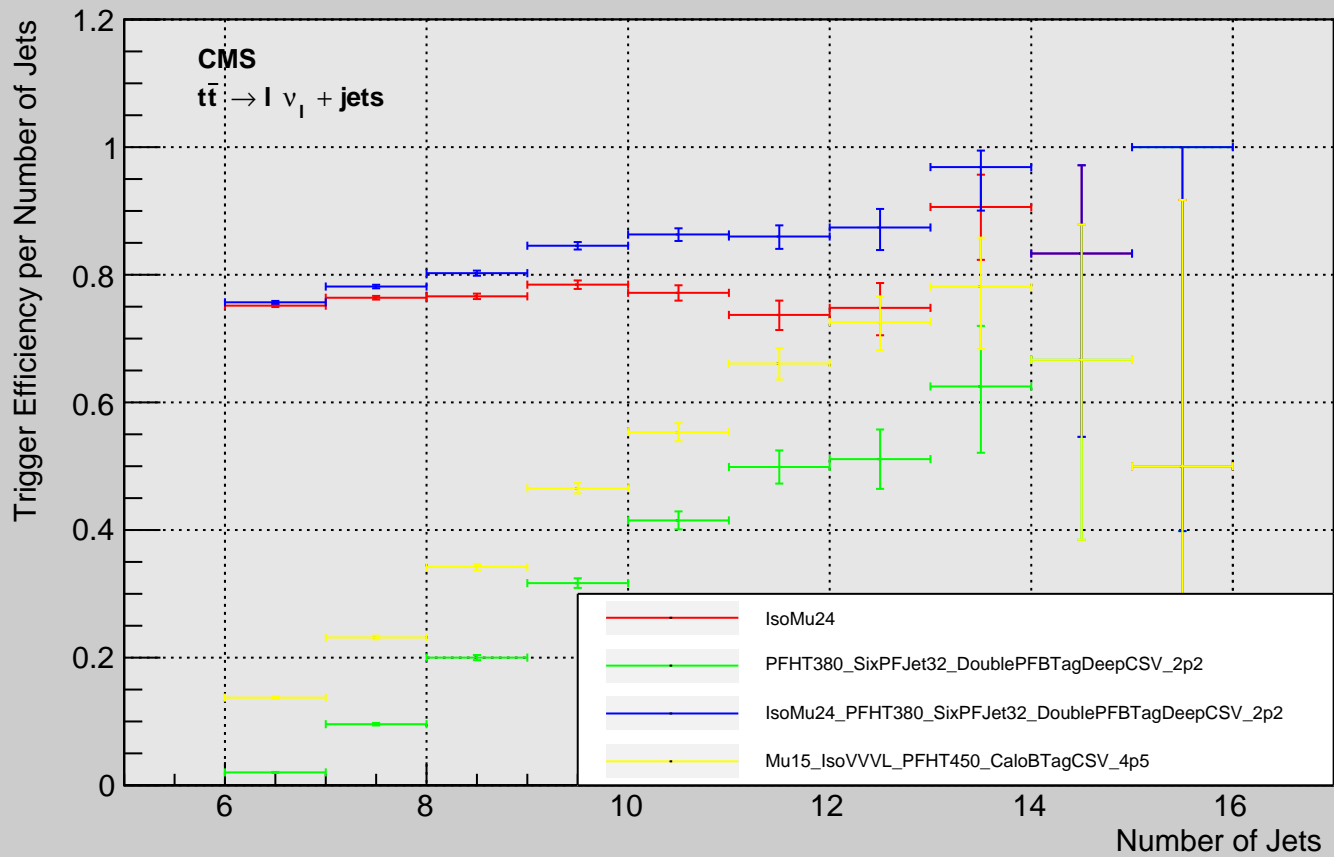


Trigger Efficiency per 10.0 GeV/c

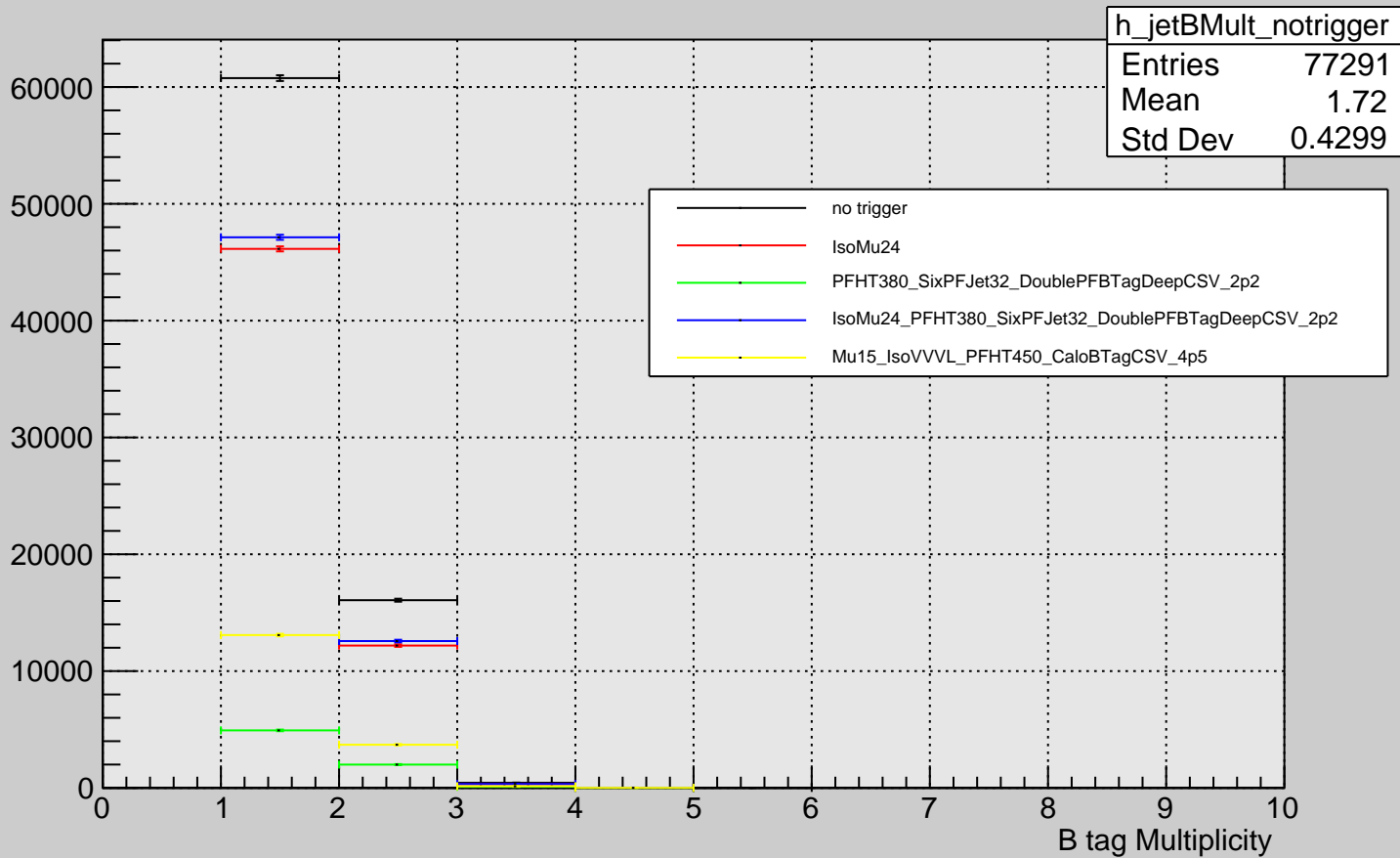


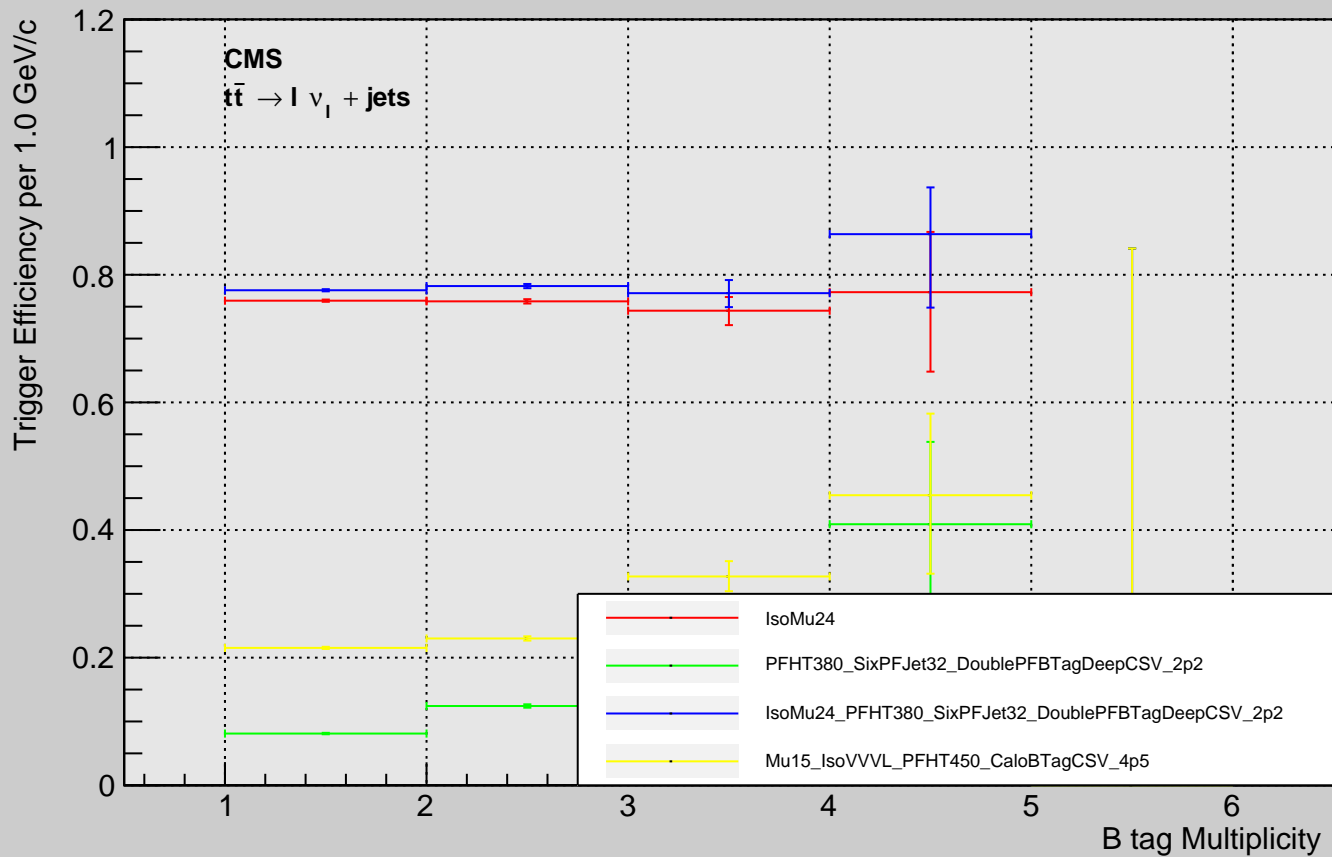
Number of Events per Number of Jets



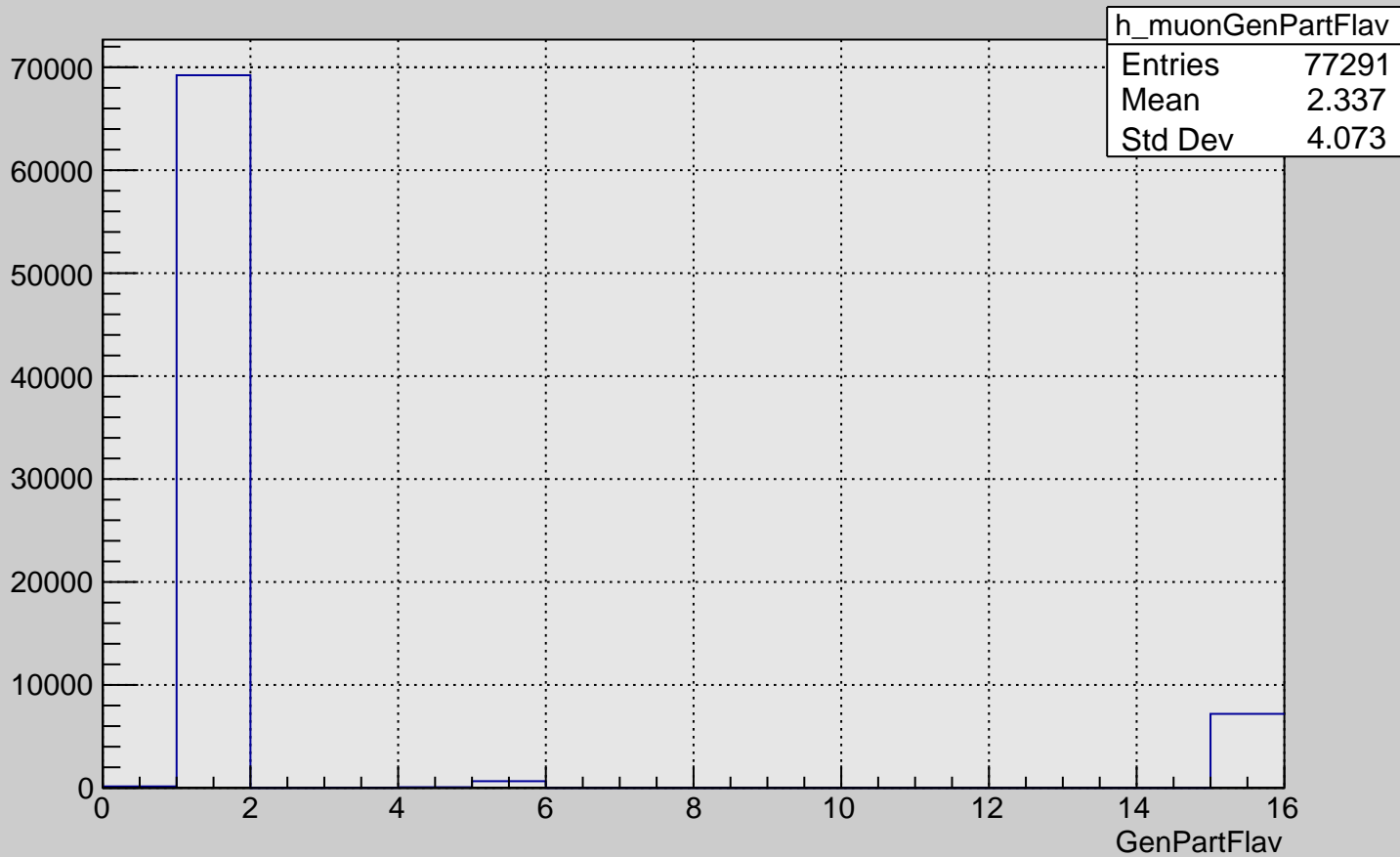


Number of Events per Number of Jets

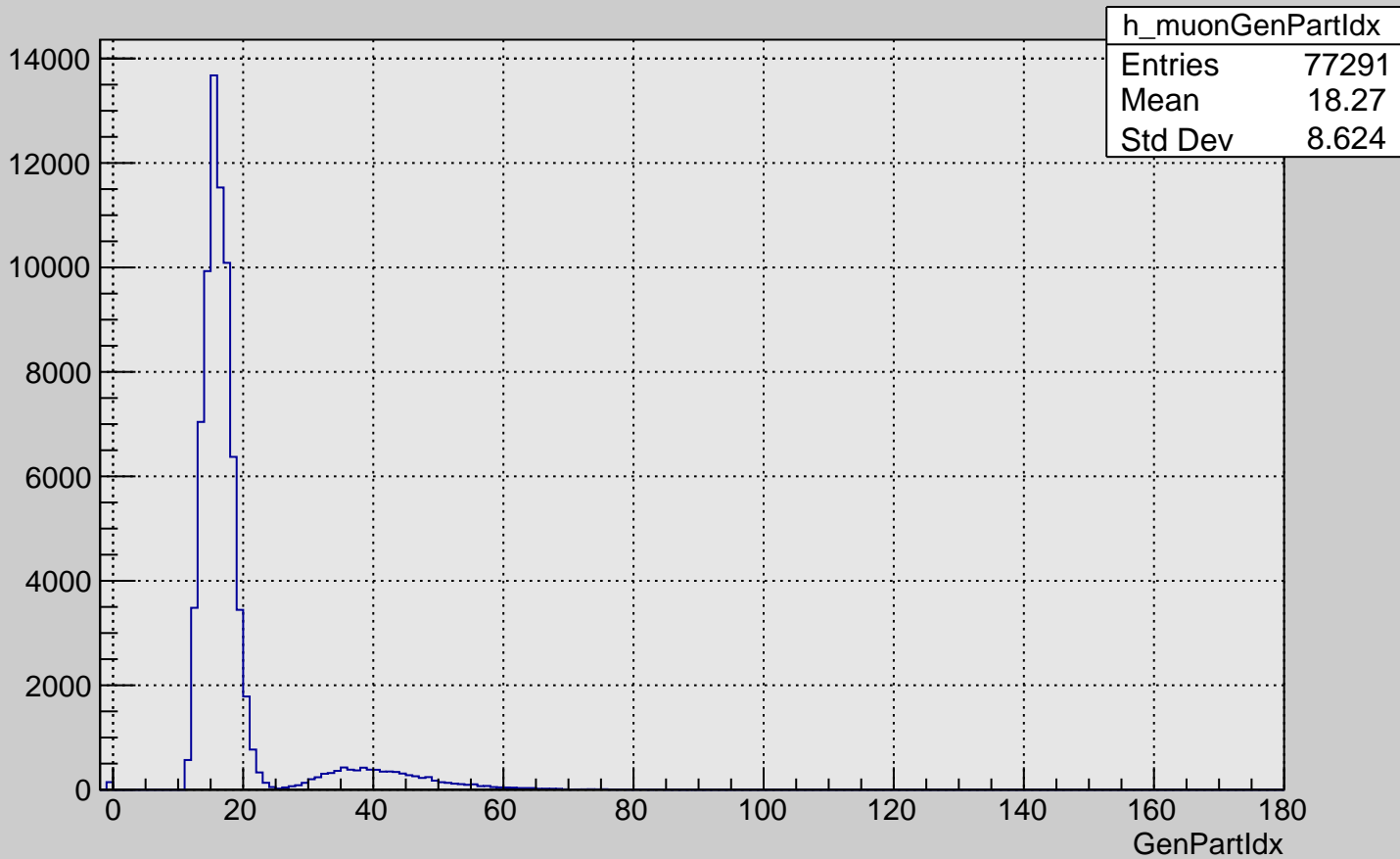




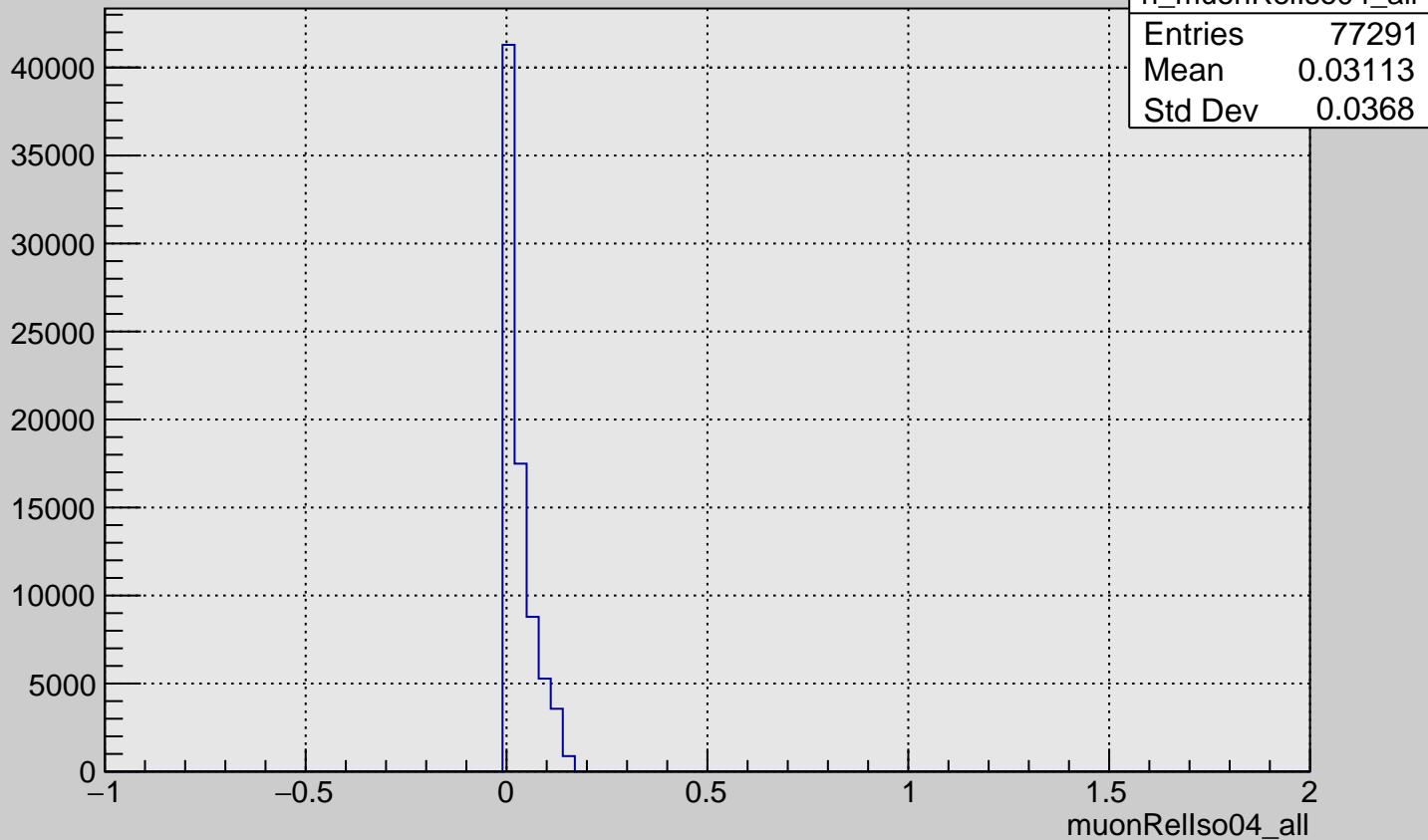
Number of events



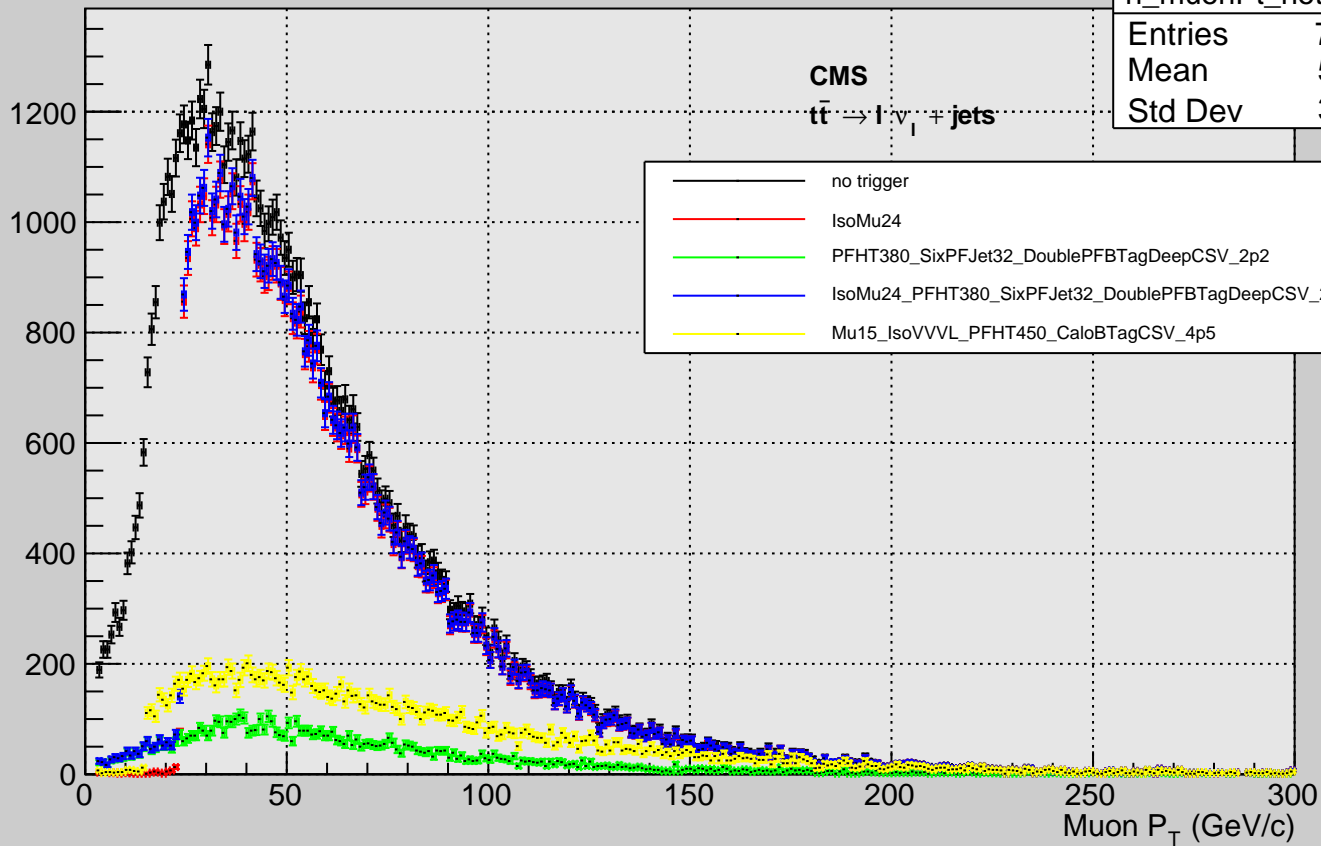
Number of events



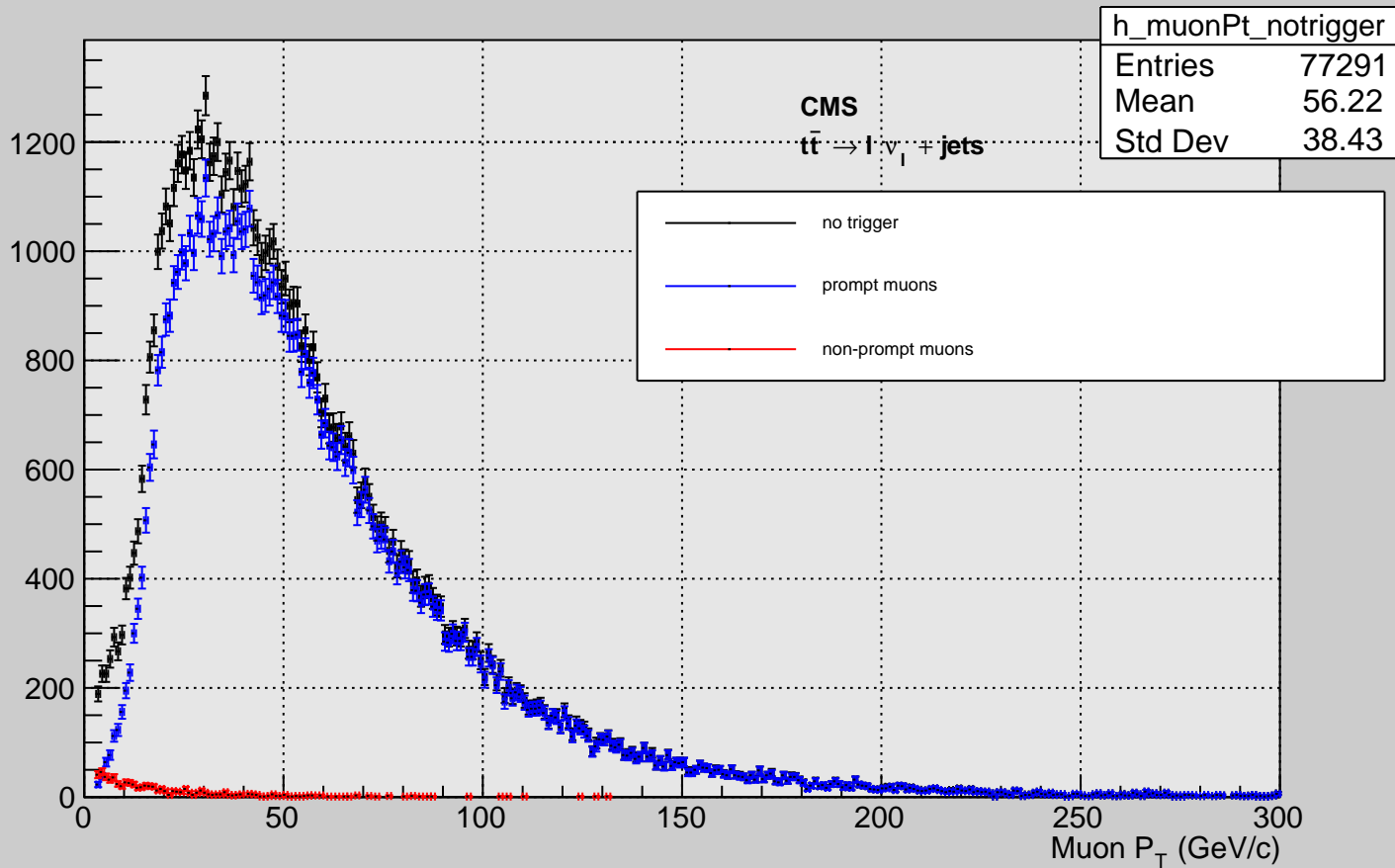
Number of Events

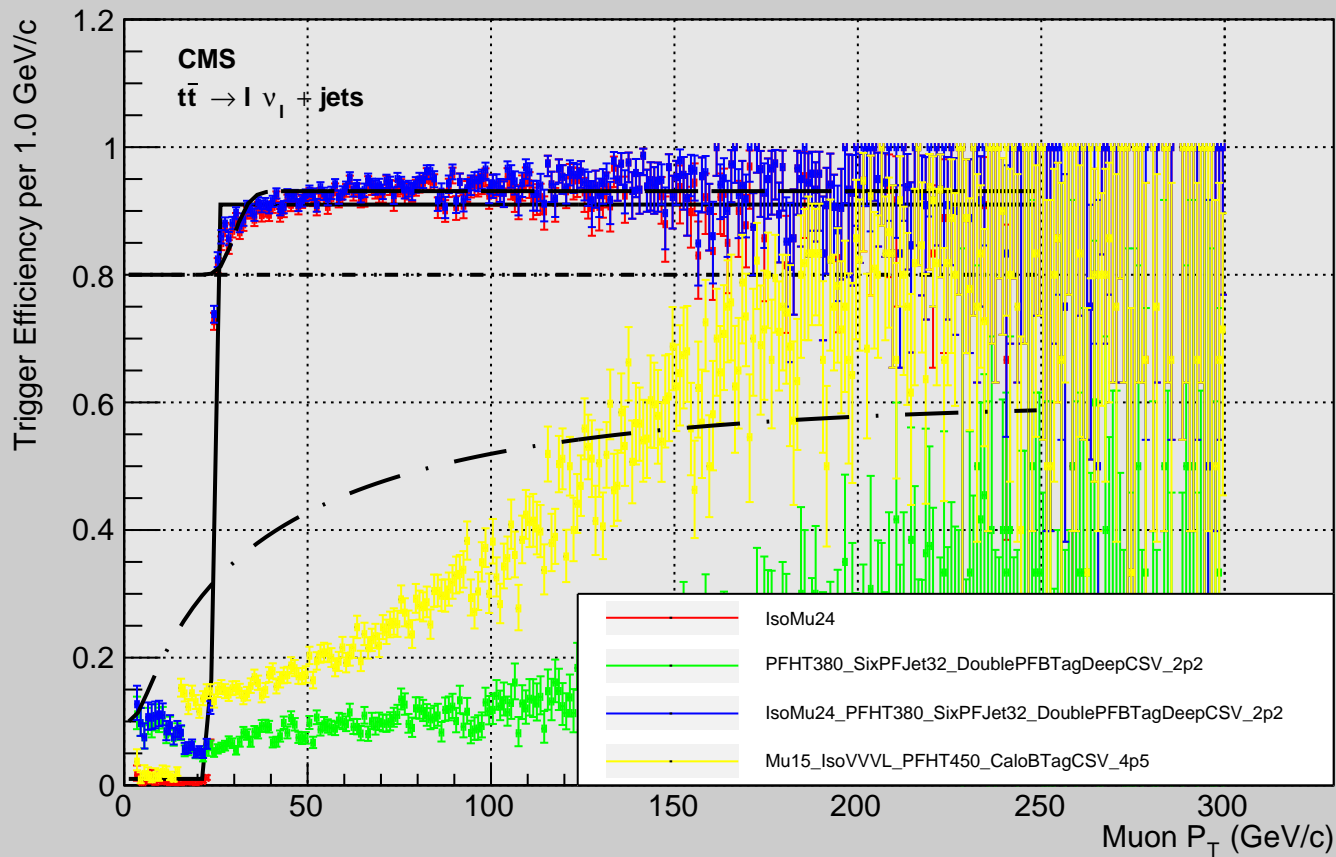


Number of Events per 1 GeV/c

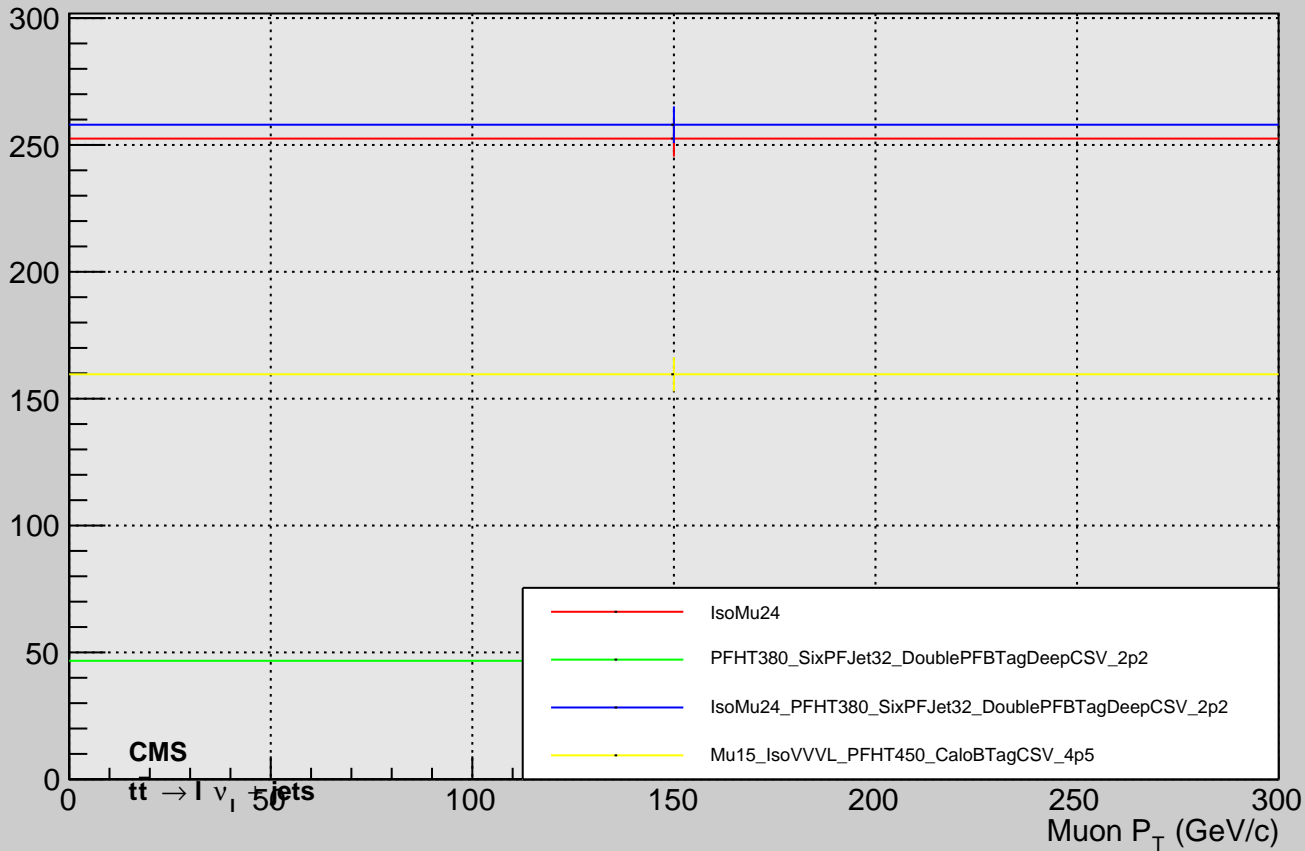


Number of Events per 1 GeV/c





Trigger Efficiency per 1.00 GeV/c



Number of Events per 1 GeV/c

CMS

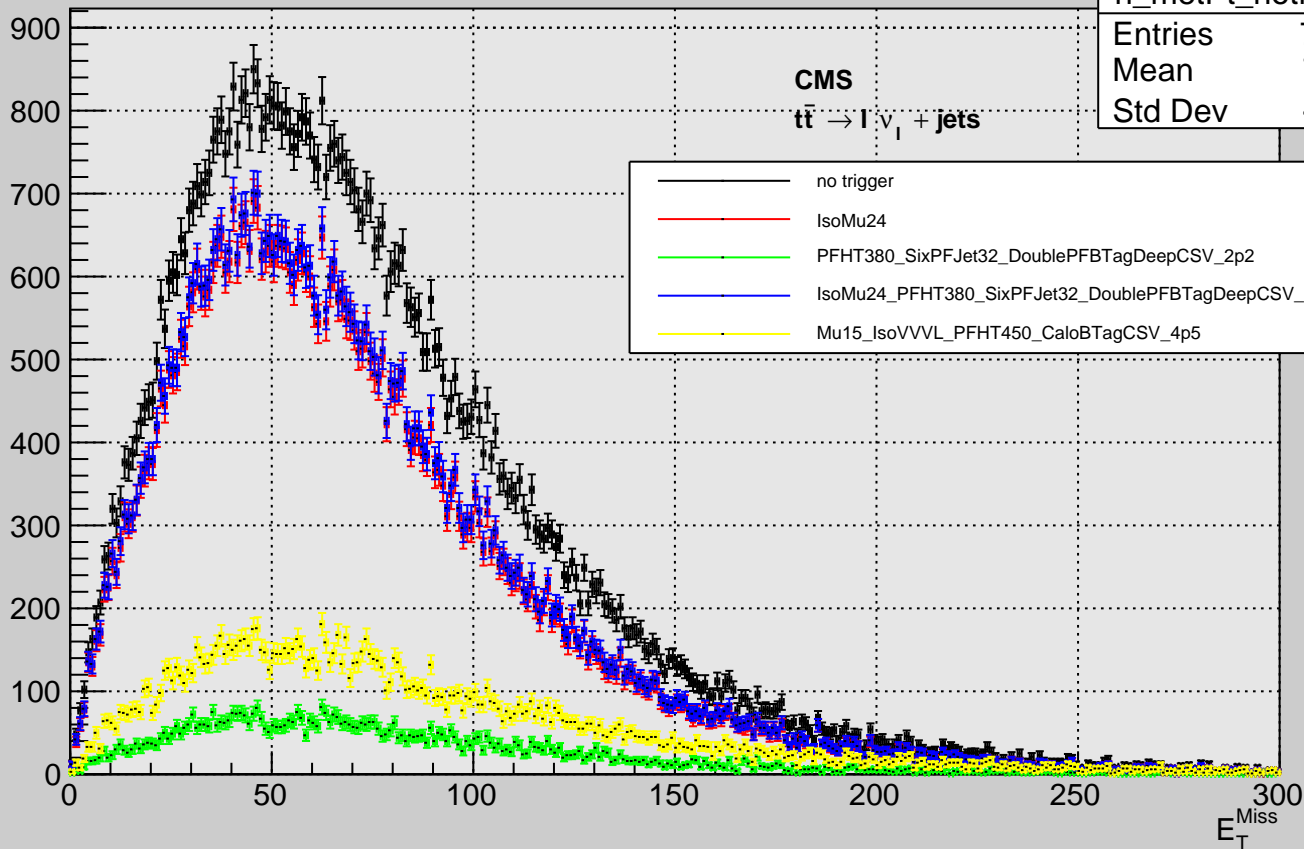
$t\bar{t} \rightarrow l\bar{\nu}_l + \text{jets}$

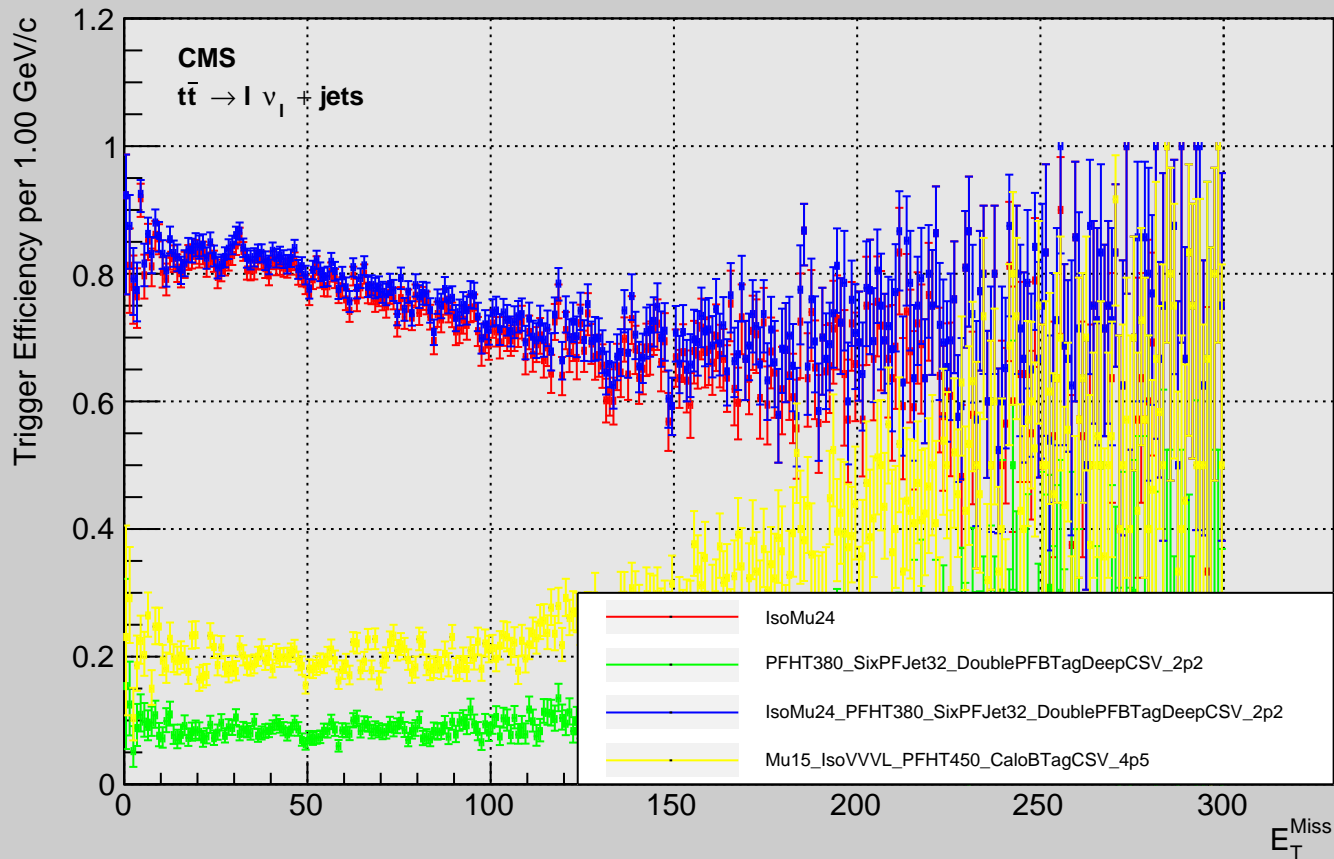
h_metPt_notrigger

Entries 77291

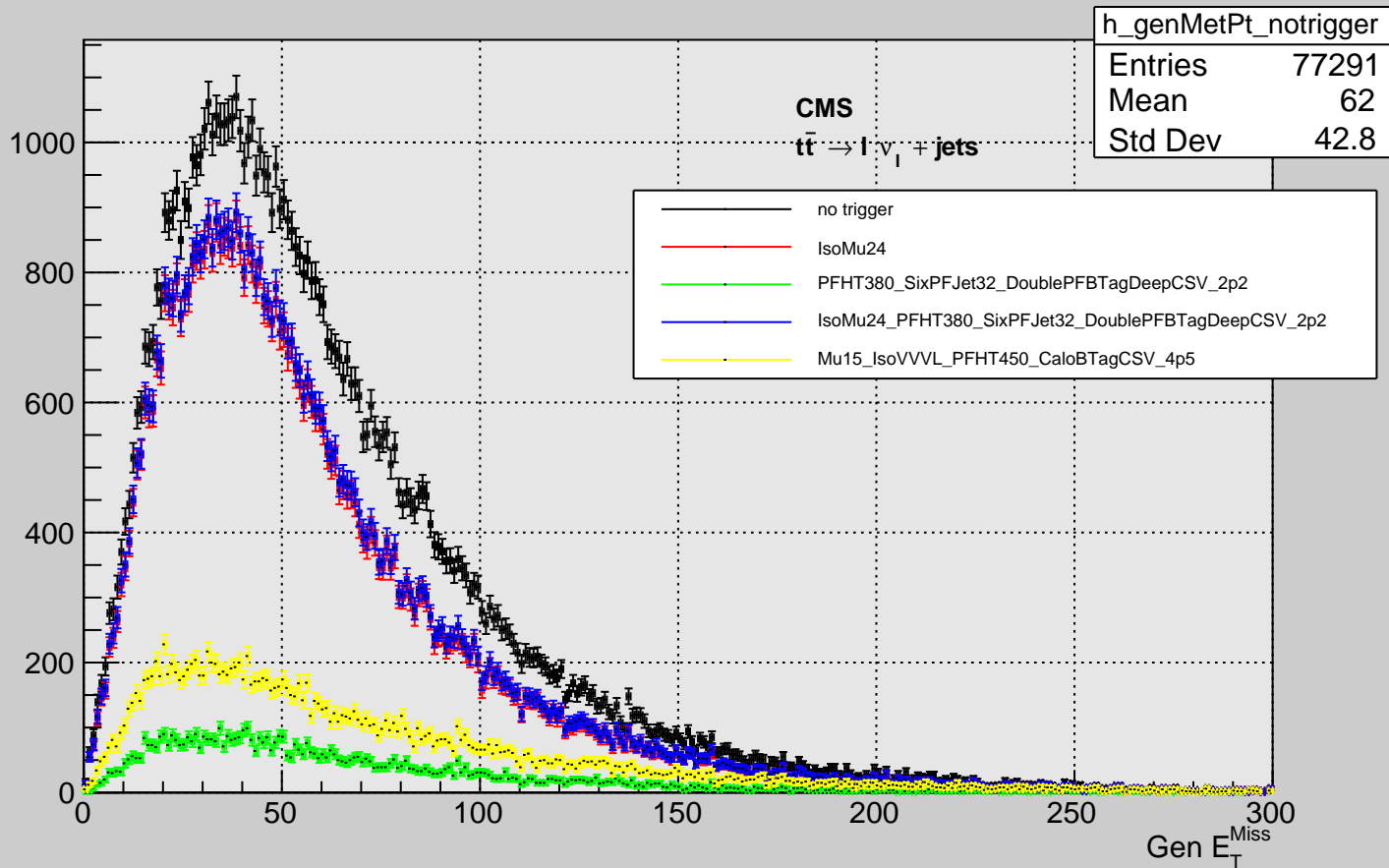
Mean 74.52

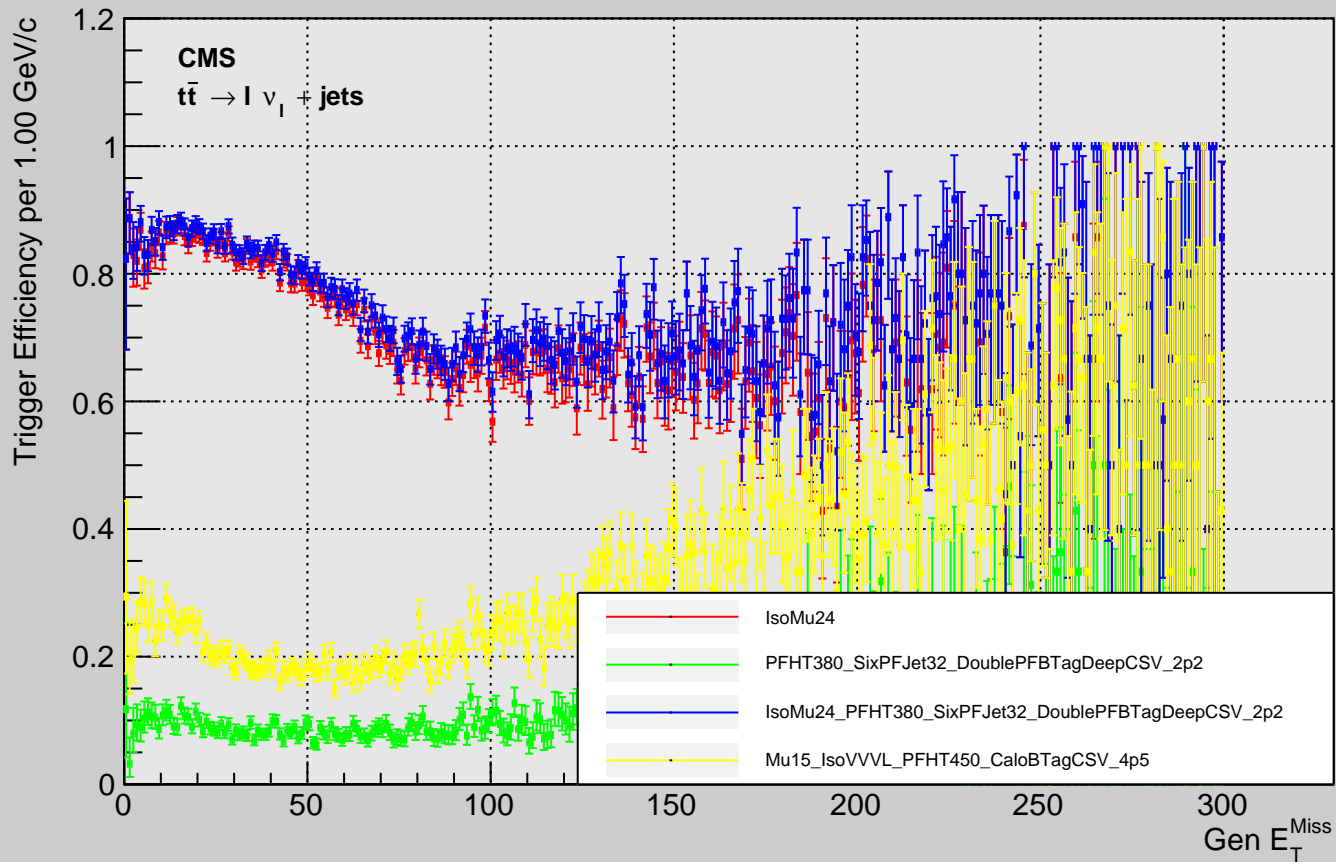
Std Dev 46.48



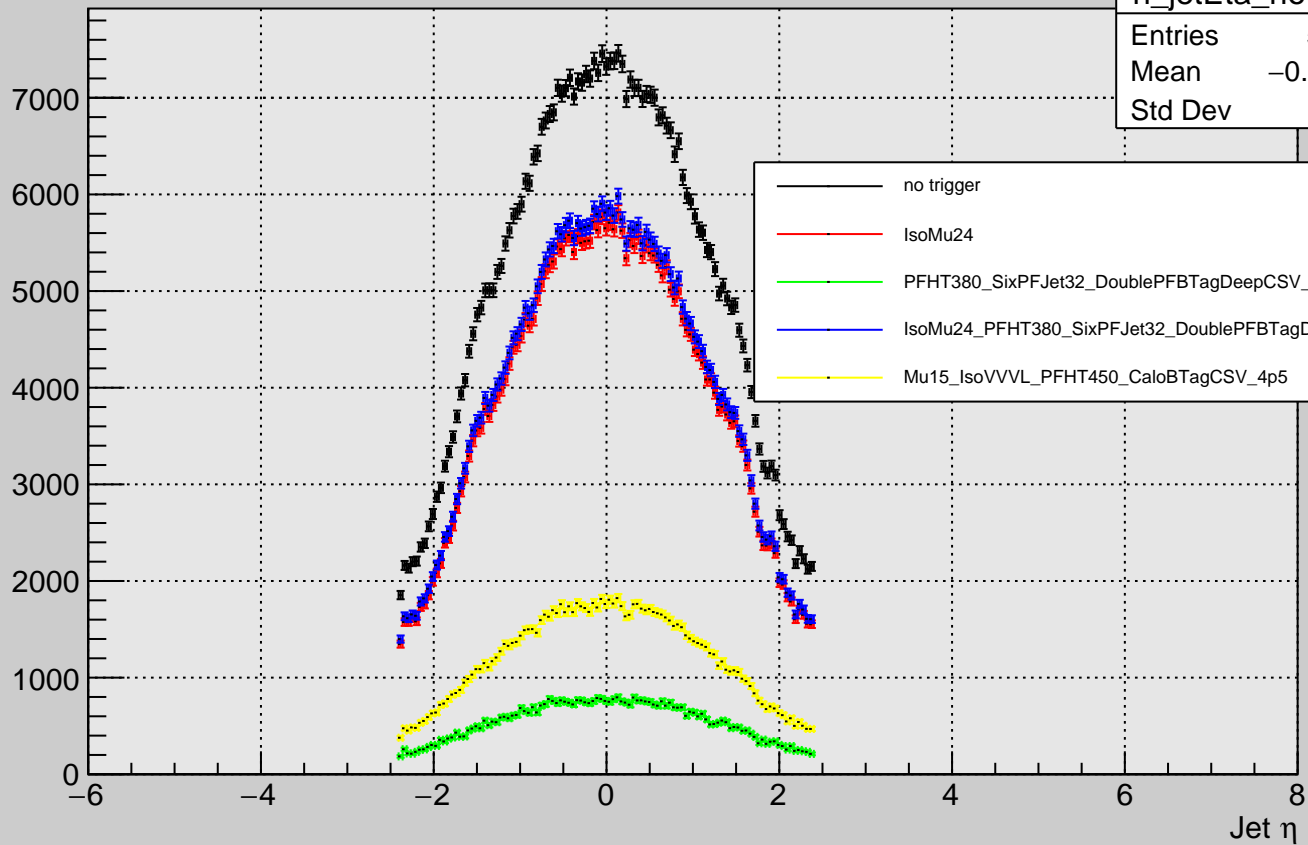


Number of Events per 1GeV/c





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



h_jetEta_notrigger	
Entries	526356
Mean	-0.000198
Std Dev	1.151

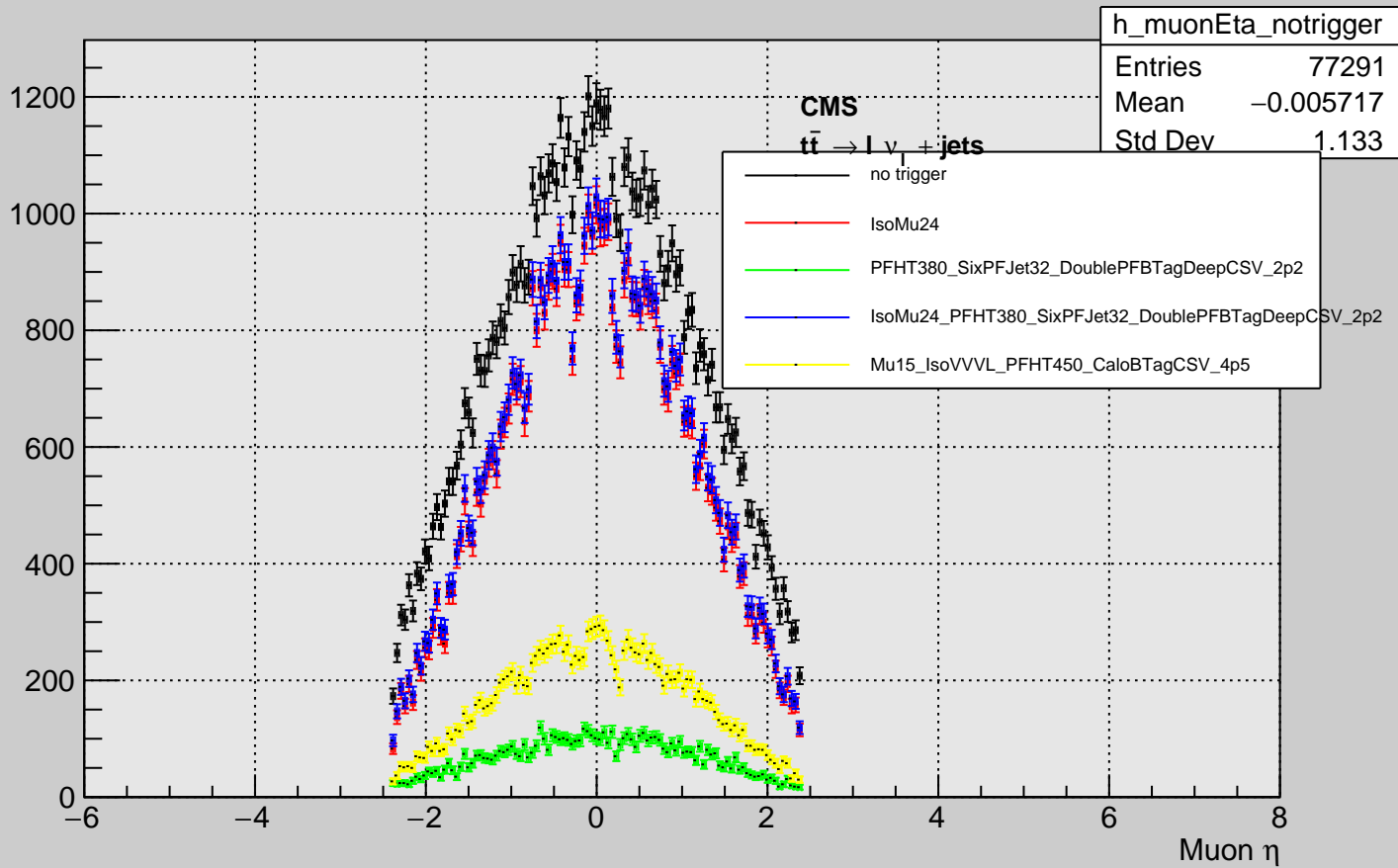
CMS

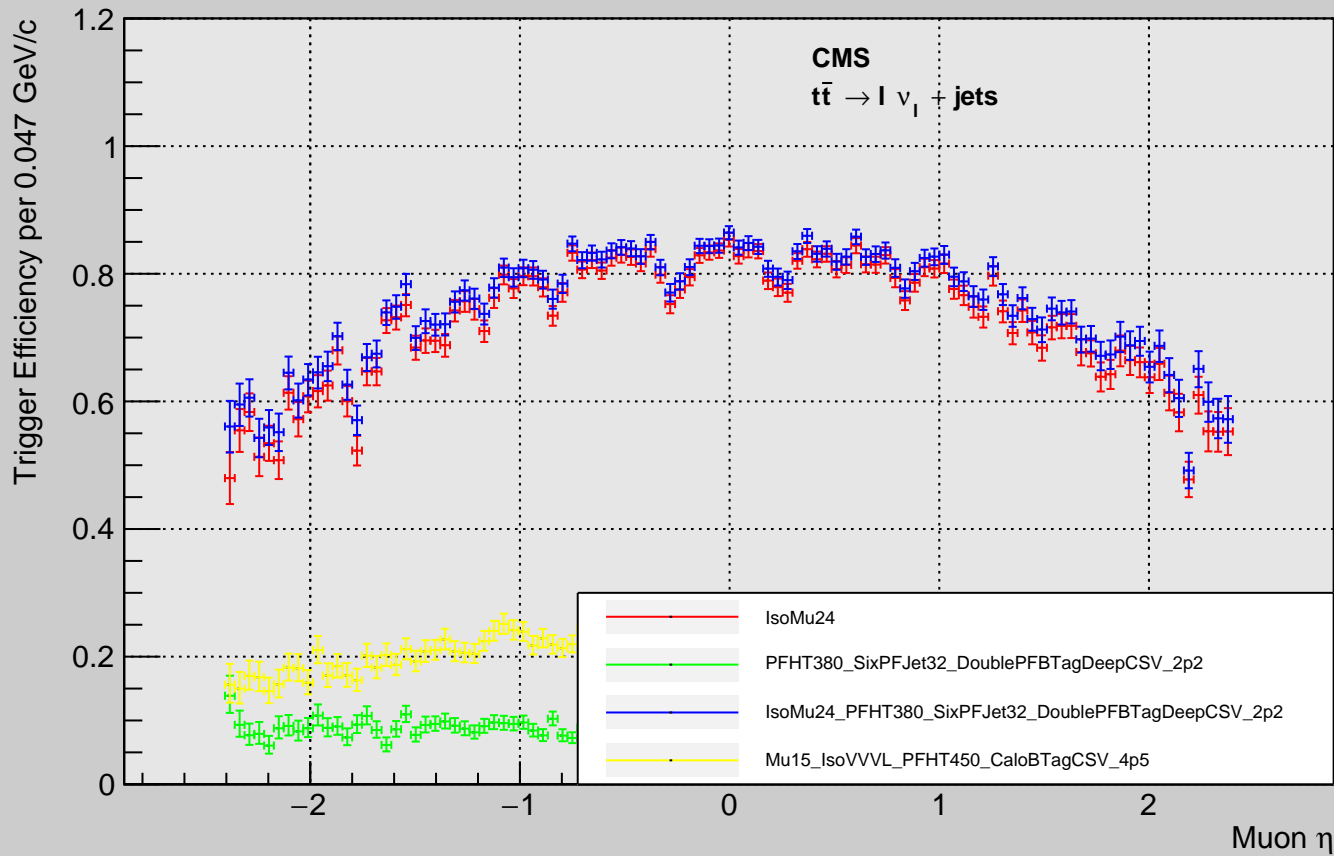
13

TeV

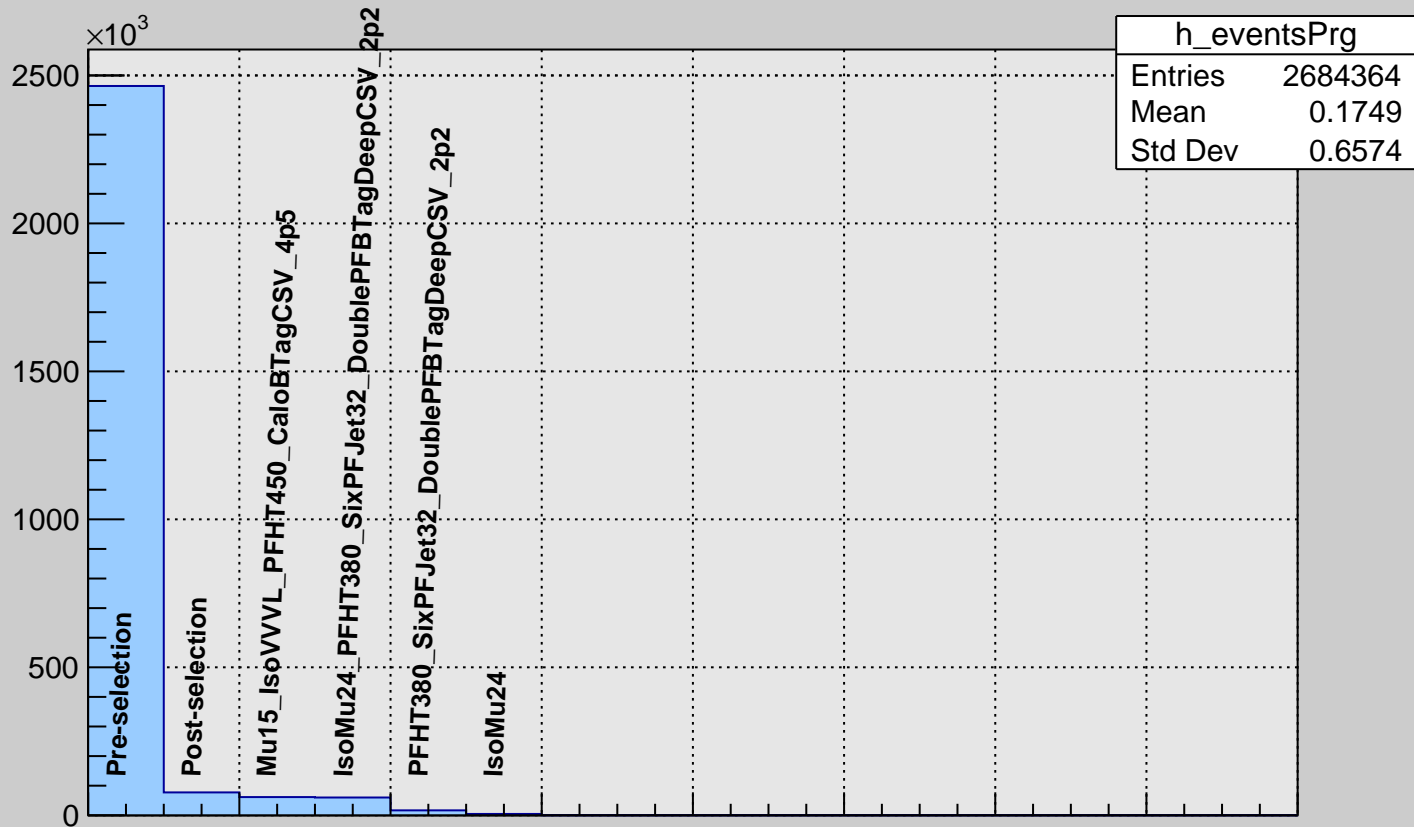
γ_1

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





Total Number of Accepted Events



Cuts and Triggers