

On-line (pre-)selection Requisites for:

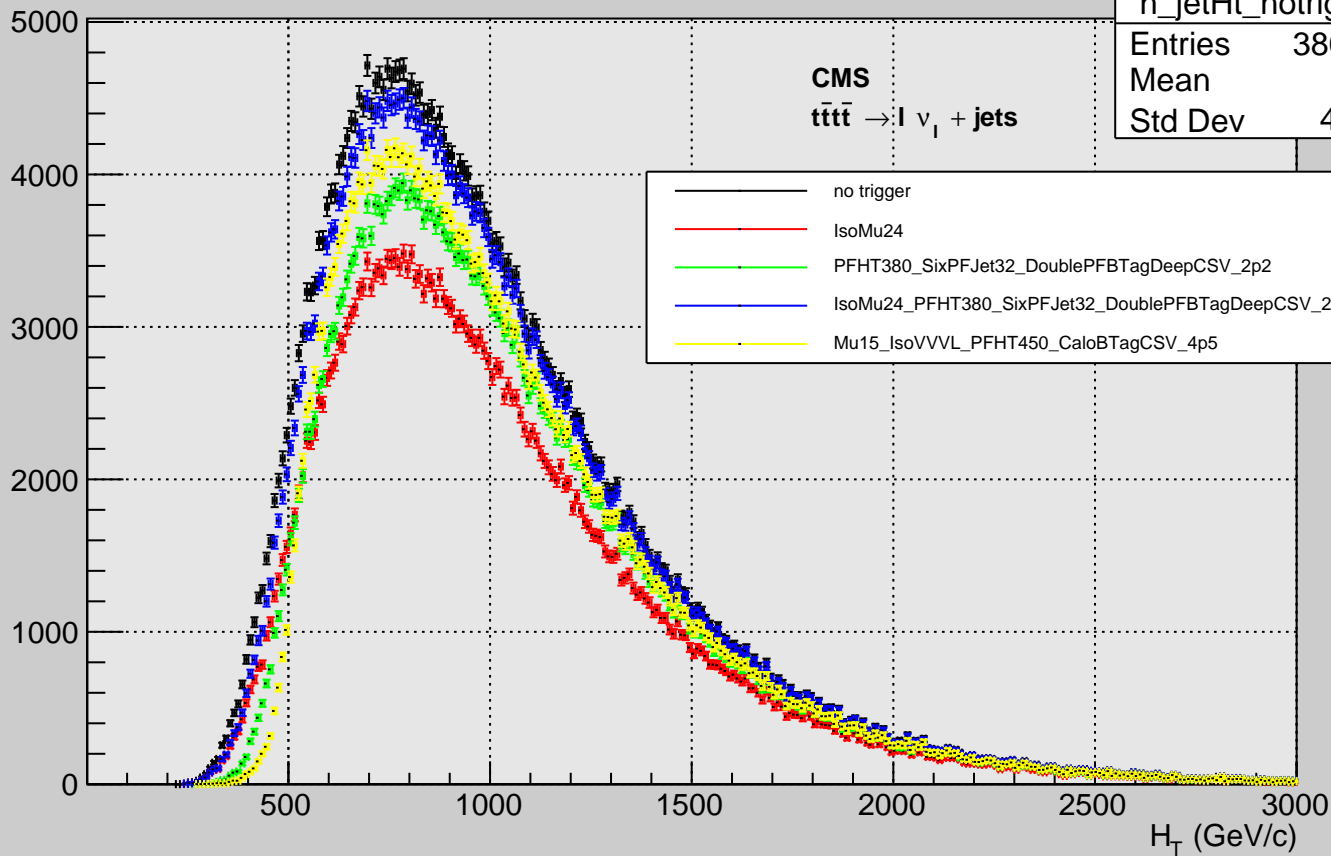
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

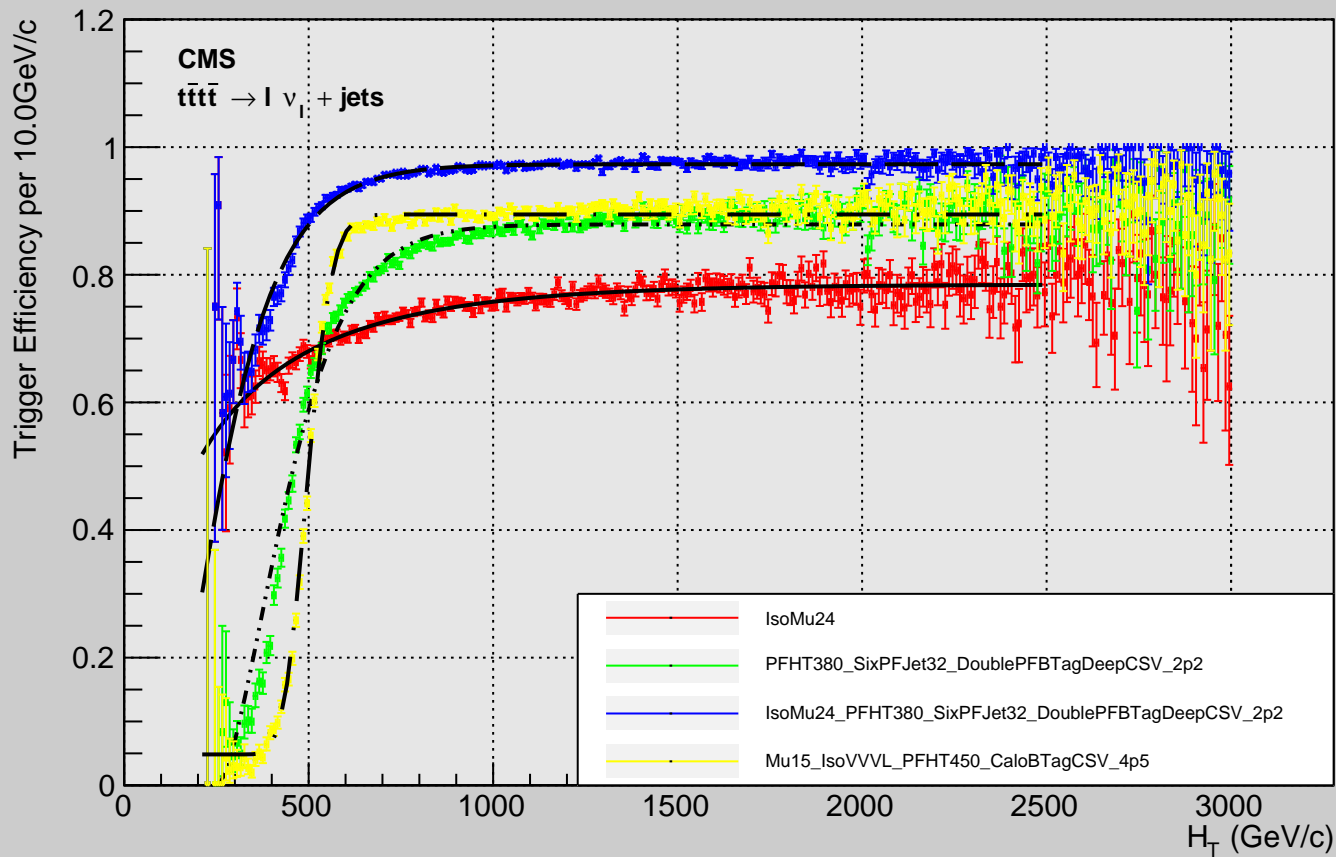
Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

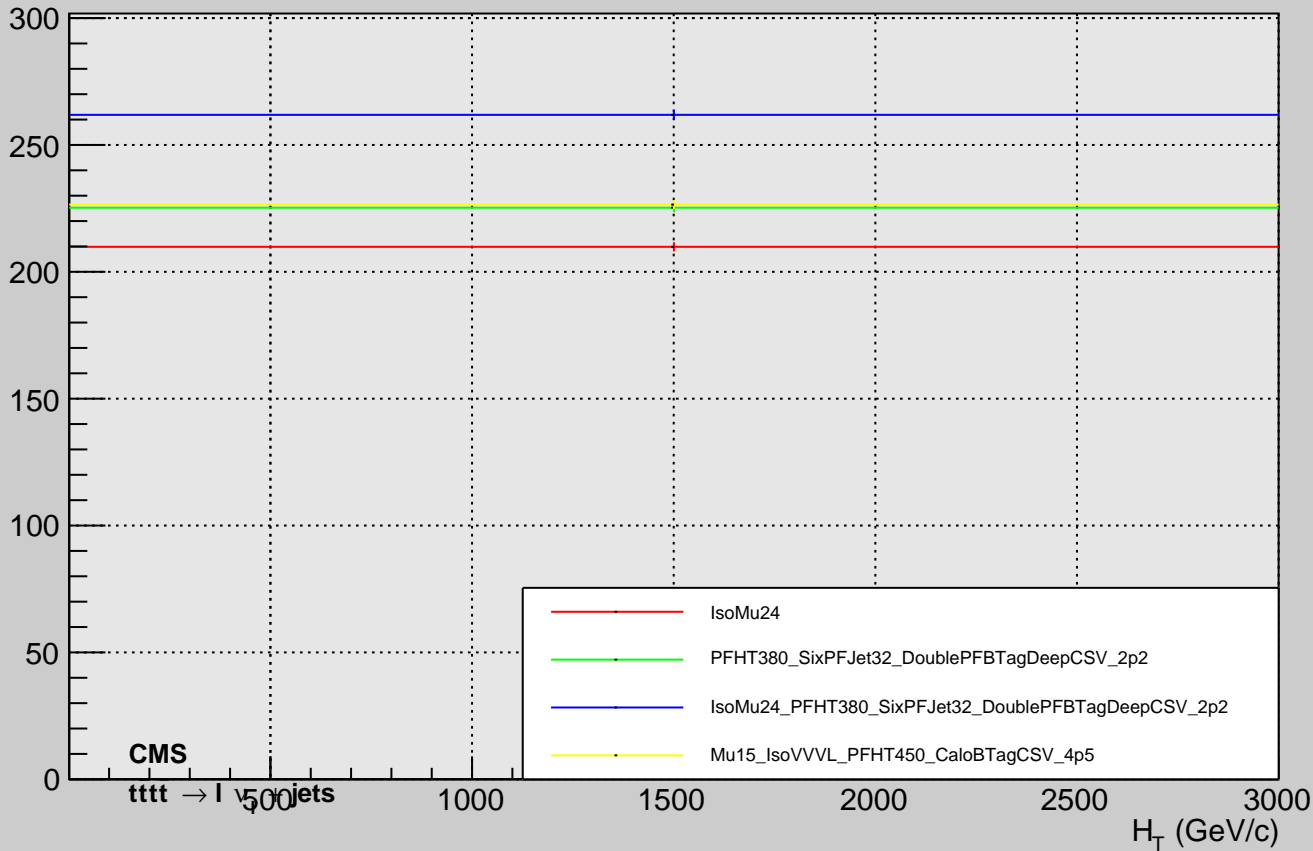
- **Jets:** $\text{jetId} > 2$, $p_{\text{T}} > 30$ and $|\eta| < 2.4$ (for at least 6 jets)
 $\text{btagDeepFlavB} > 0.7489$ (for at least one jet)
- **Muons:** has tightId, $|\eta| < 2.4$ and $\text{miniPFRellso_all} < 0.15$ (for at least 1)

Number of Events per 10 GeV/c

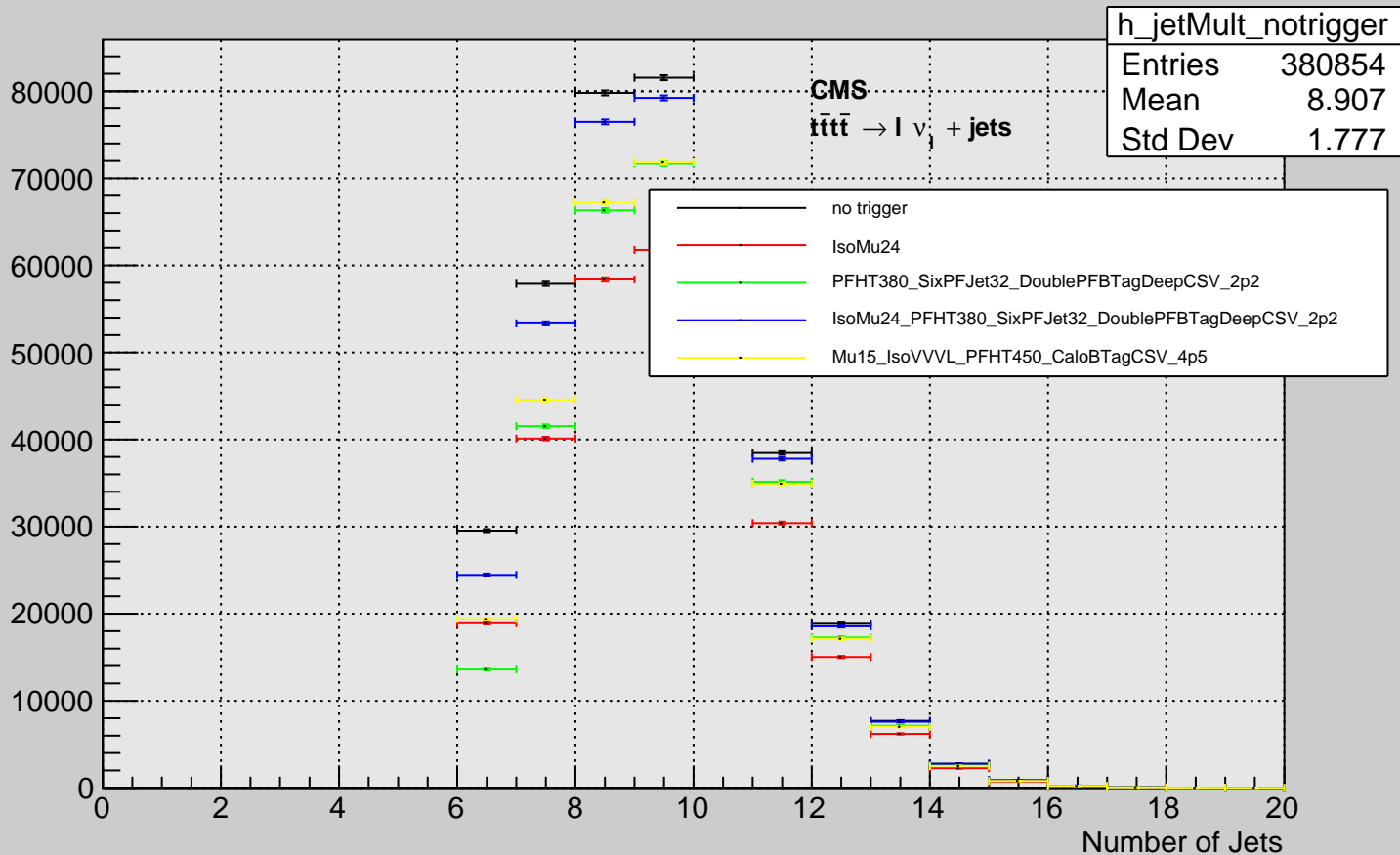


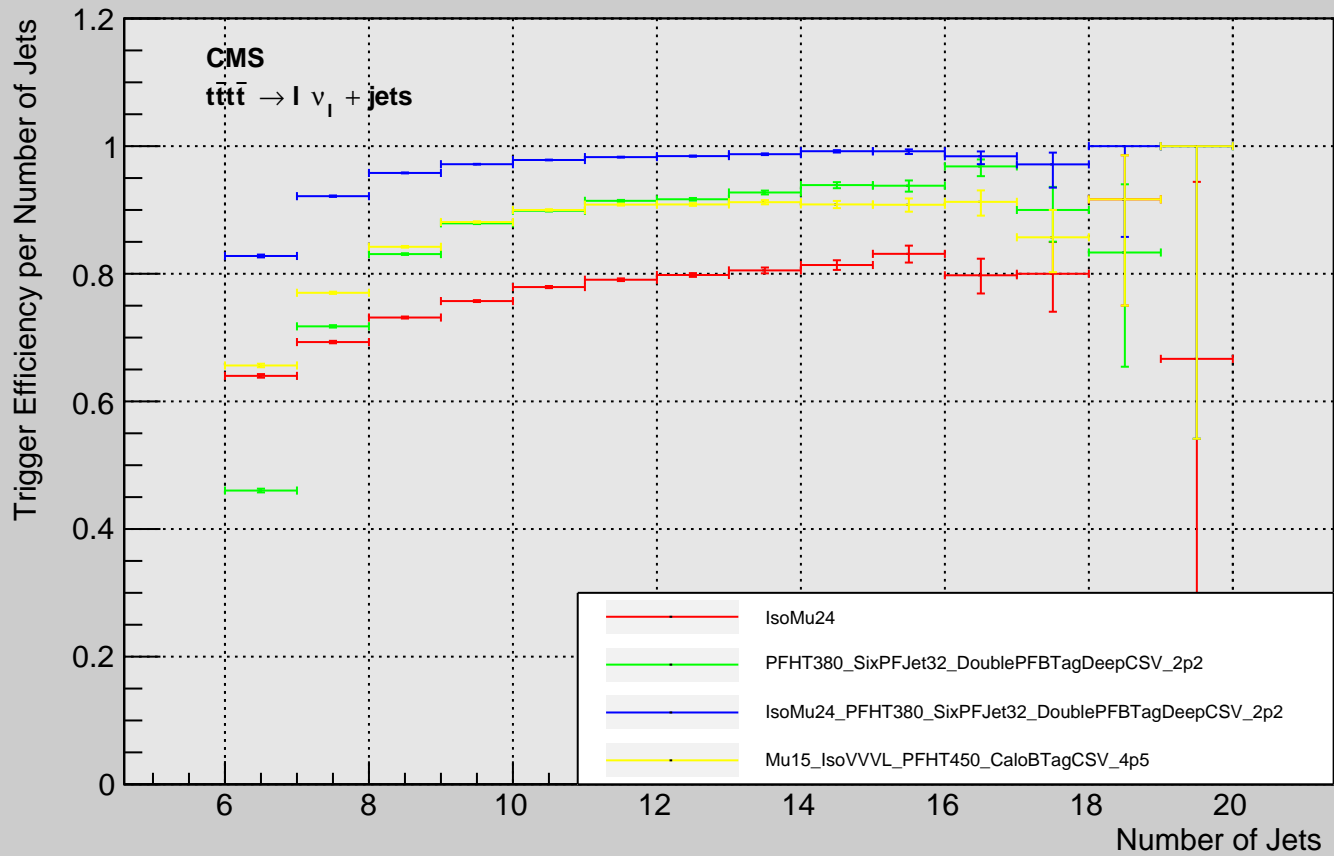


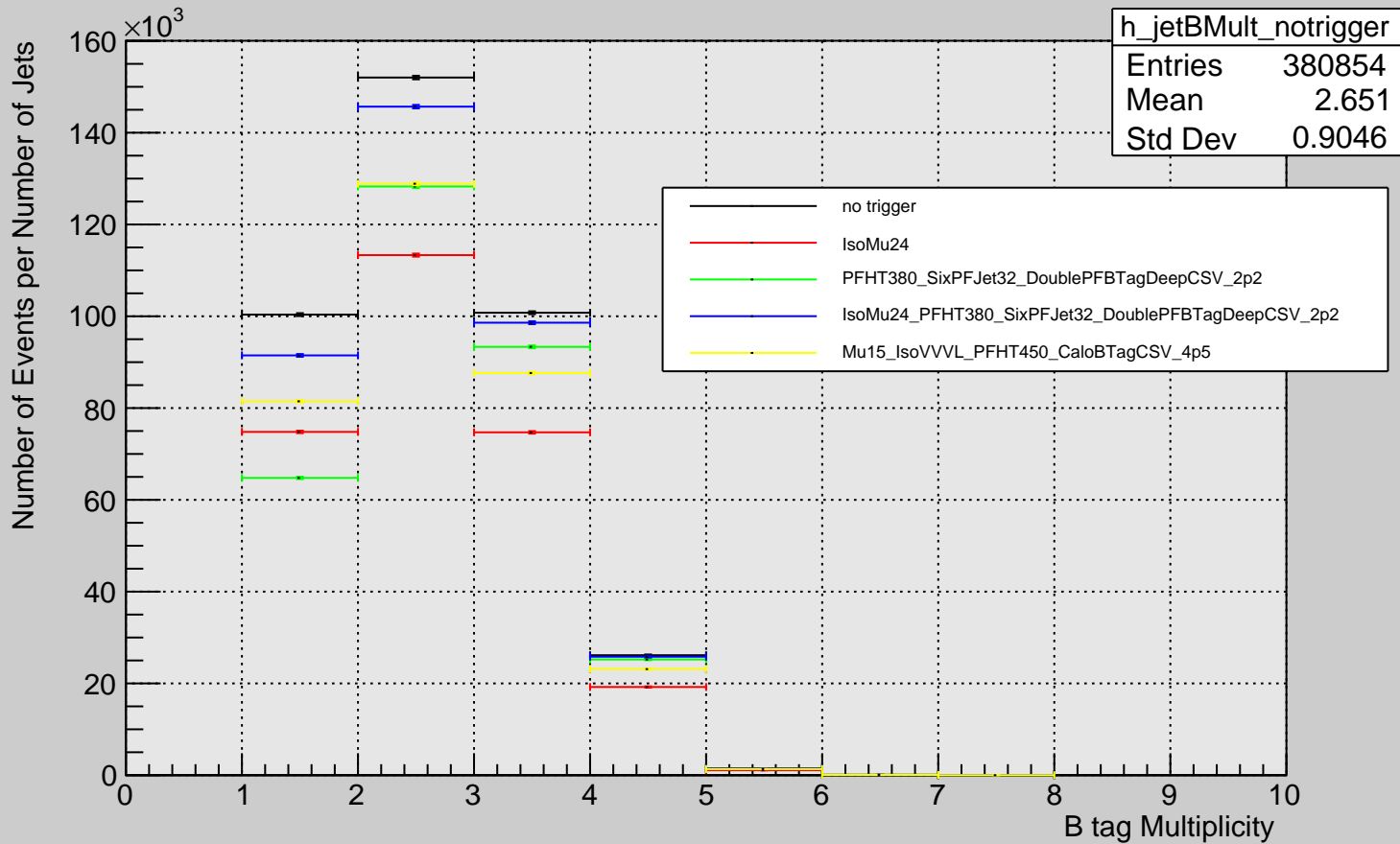
Trigger Efficiency per 10.0 GeV/c

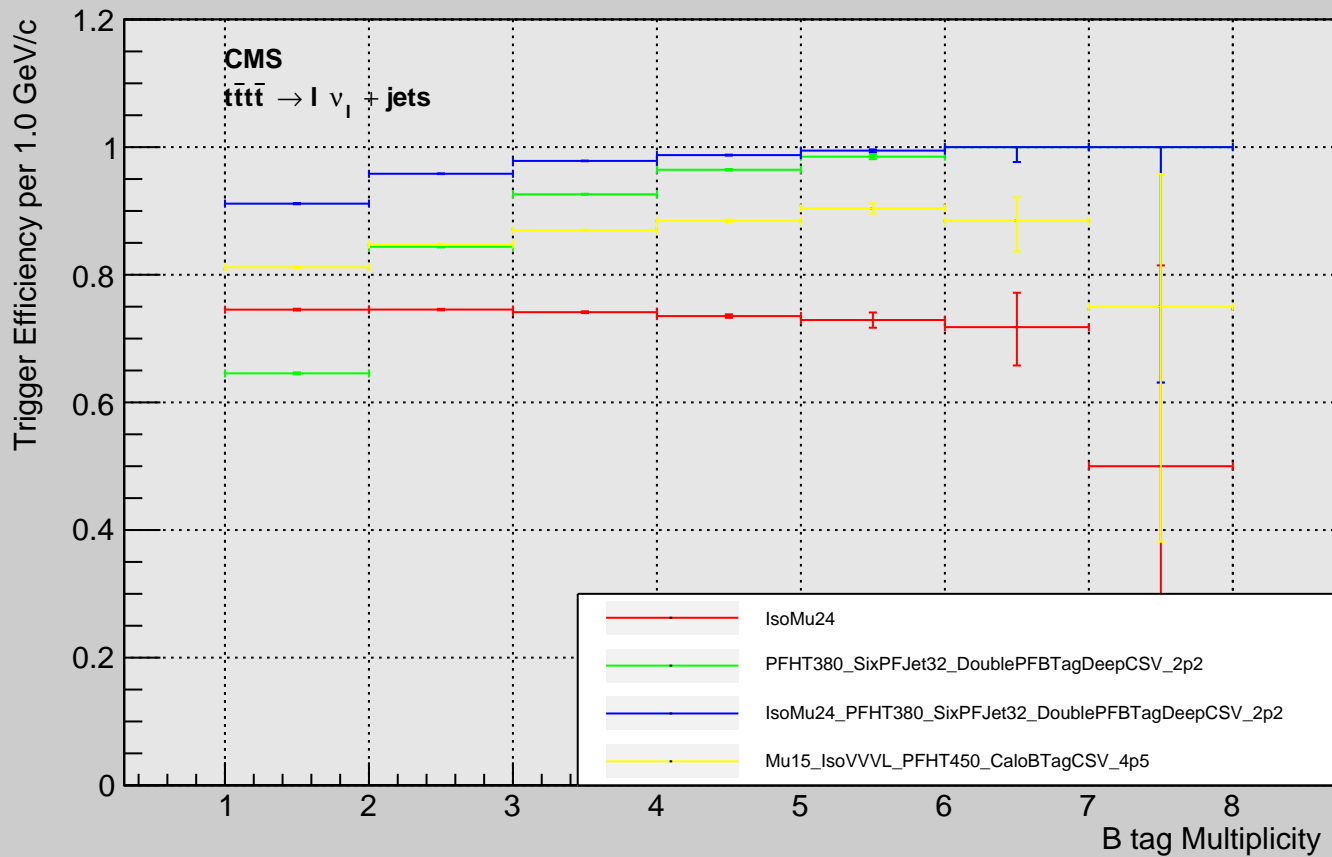


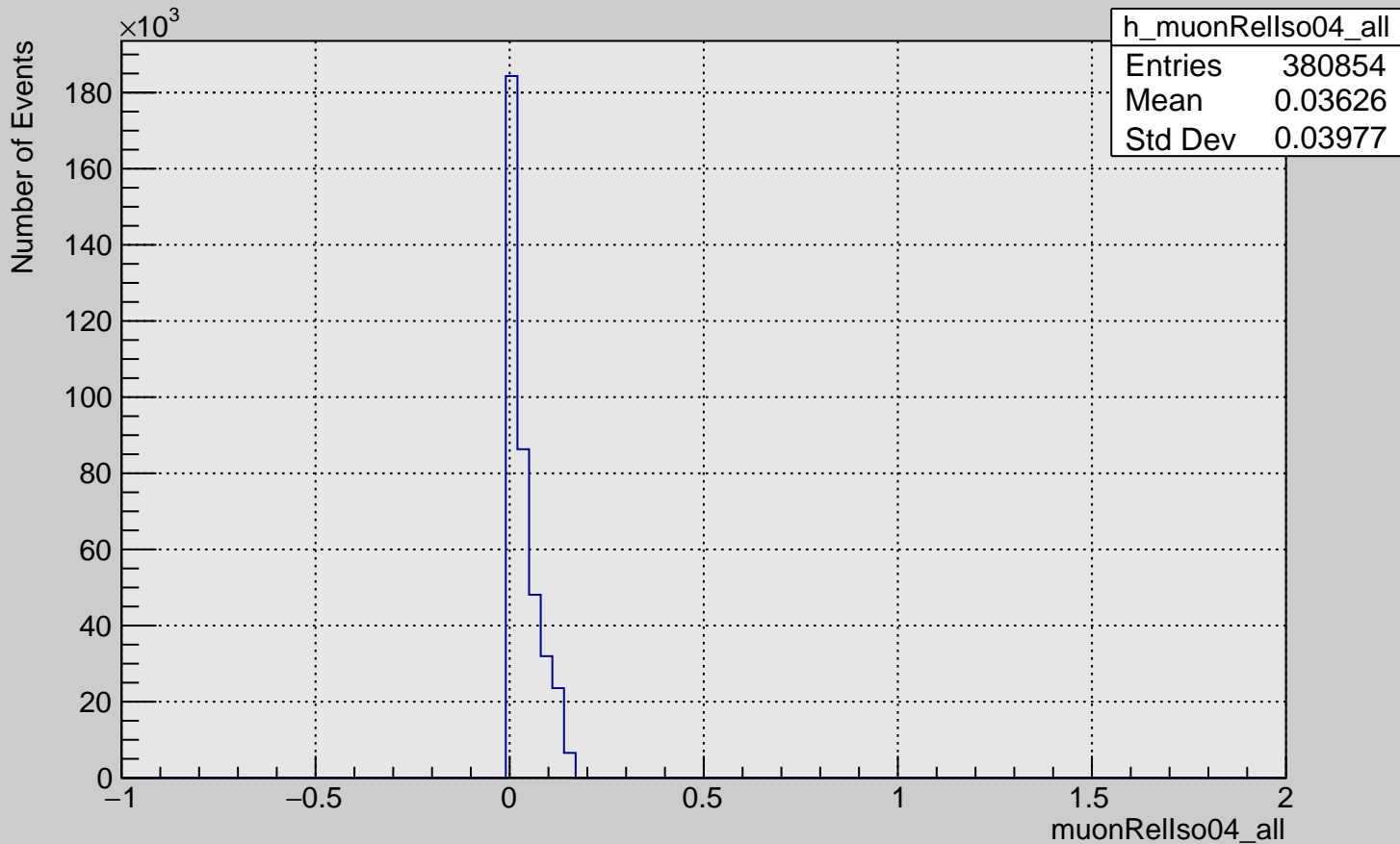
Number of Events per Number of Jets



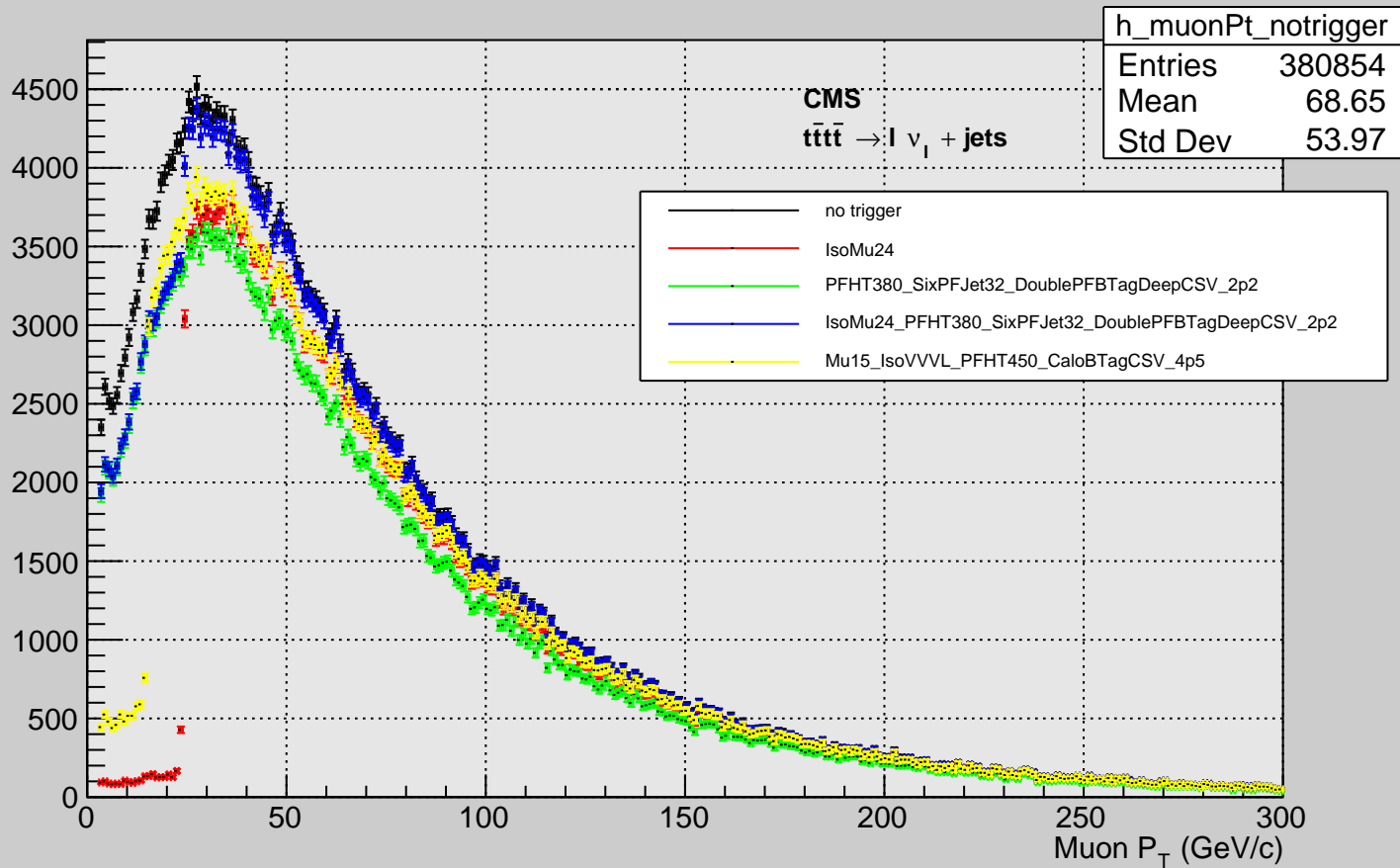




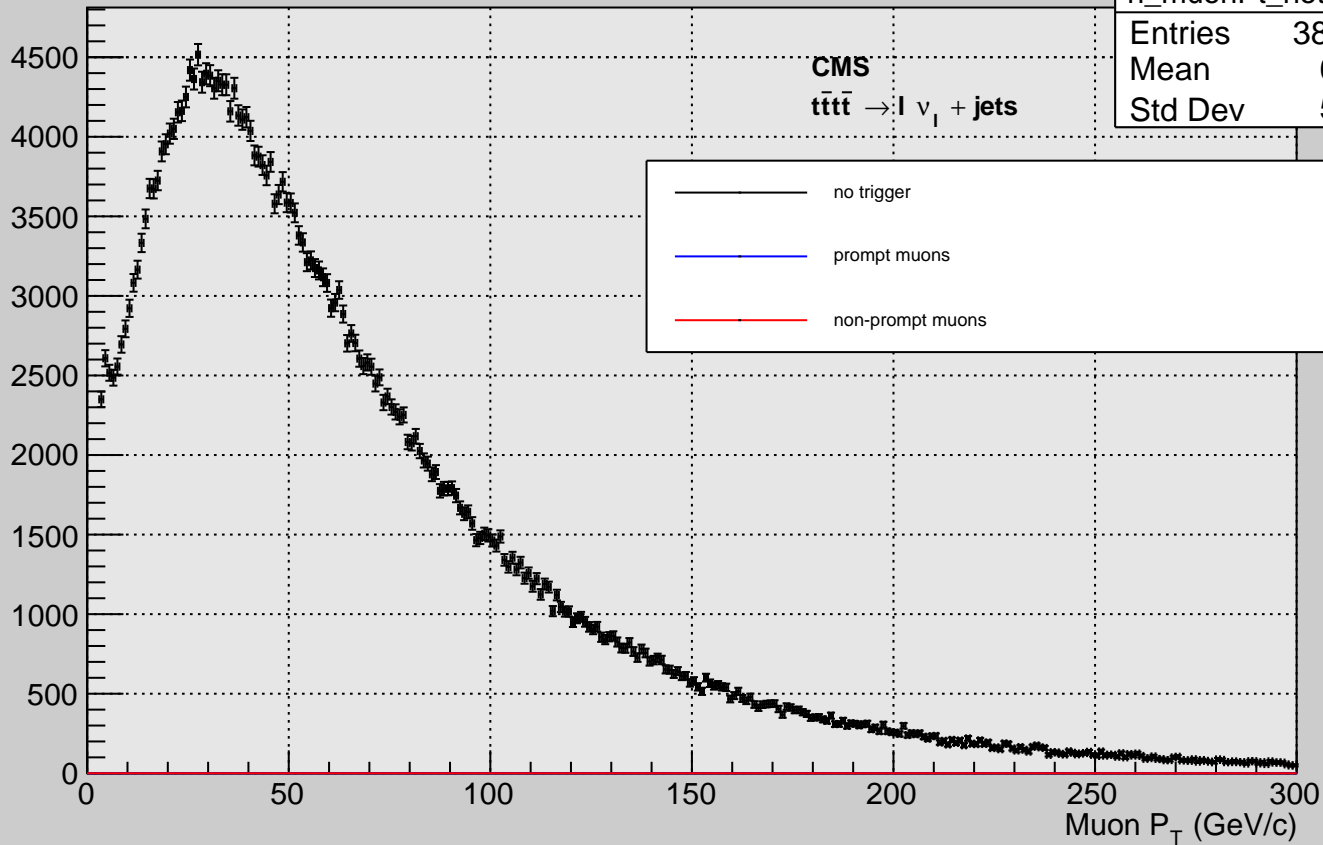


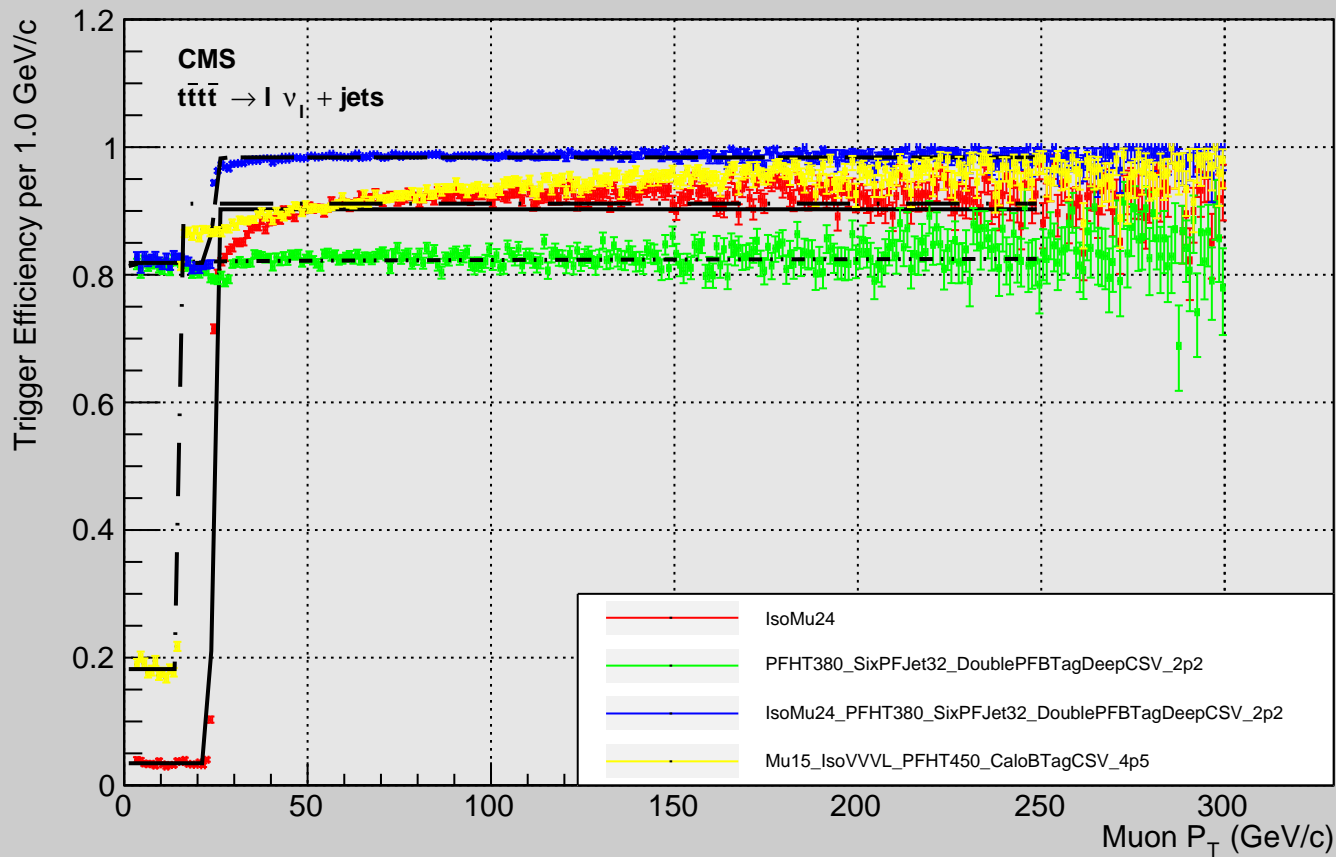


Number of Events per 1 GeV/c

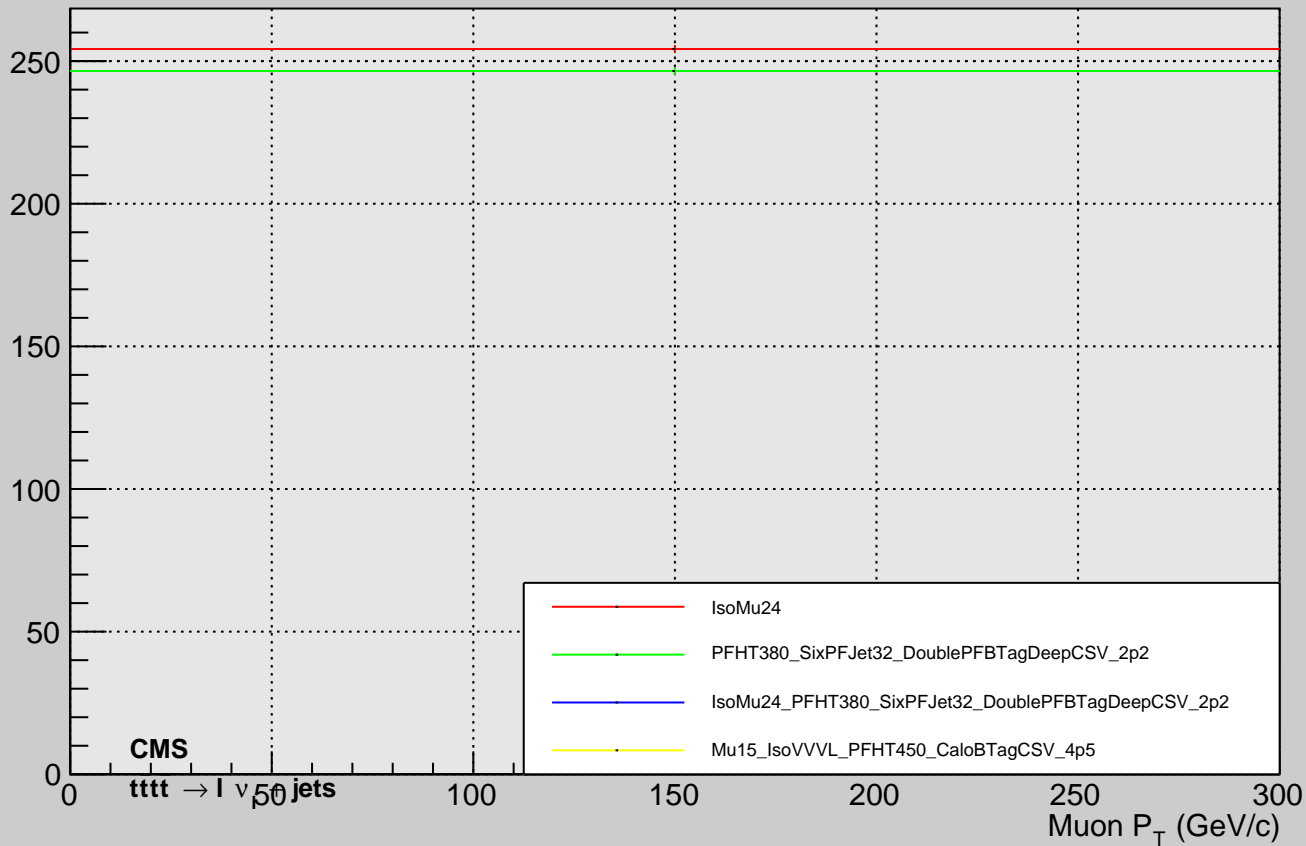


Number of Events per 1 GeV/c

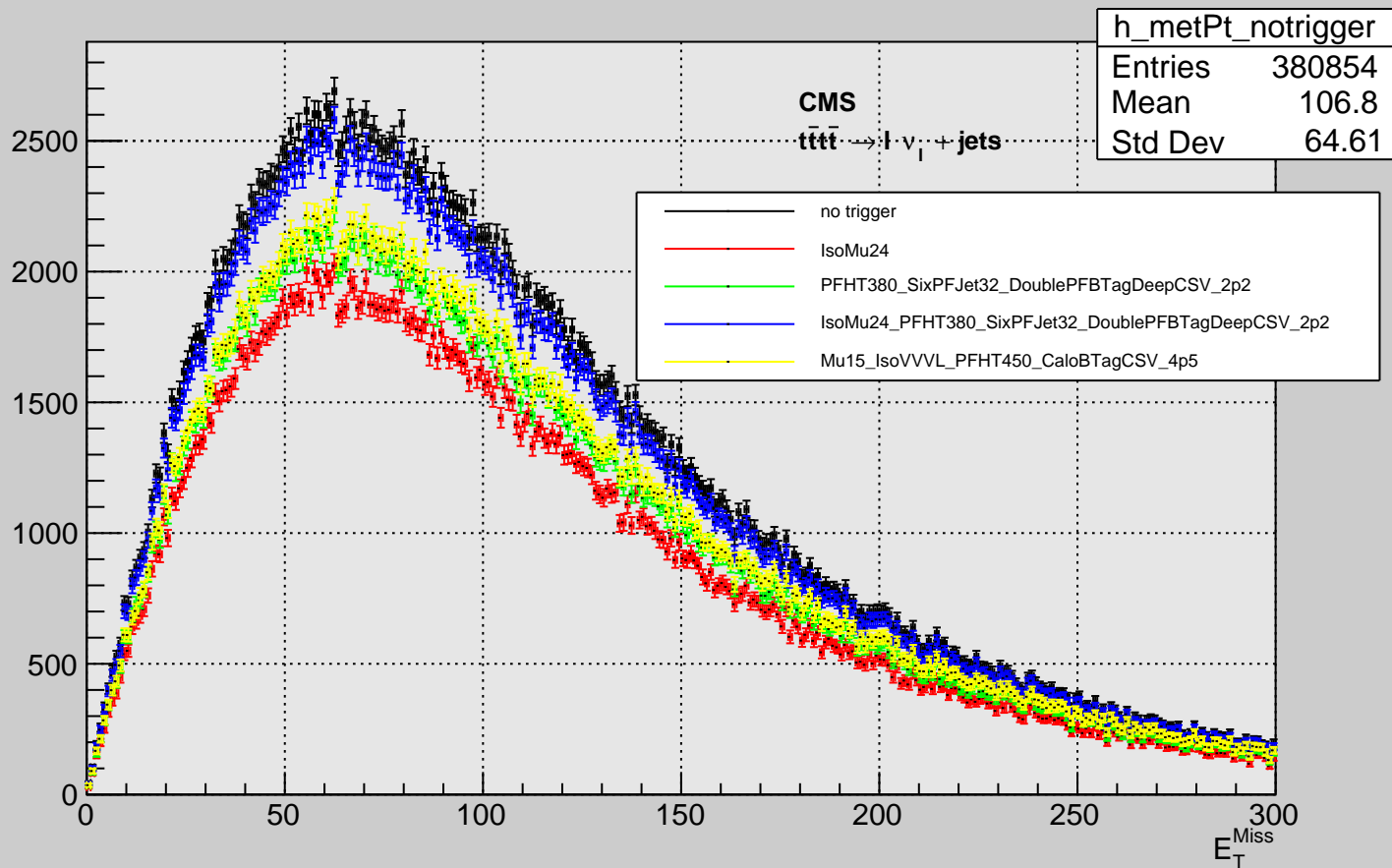


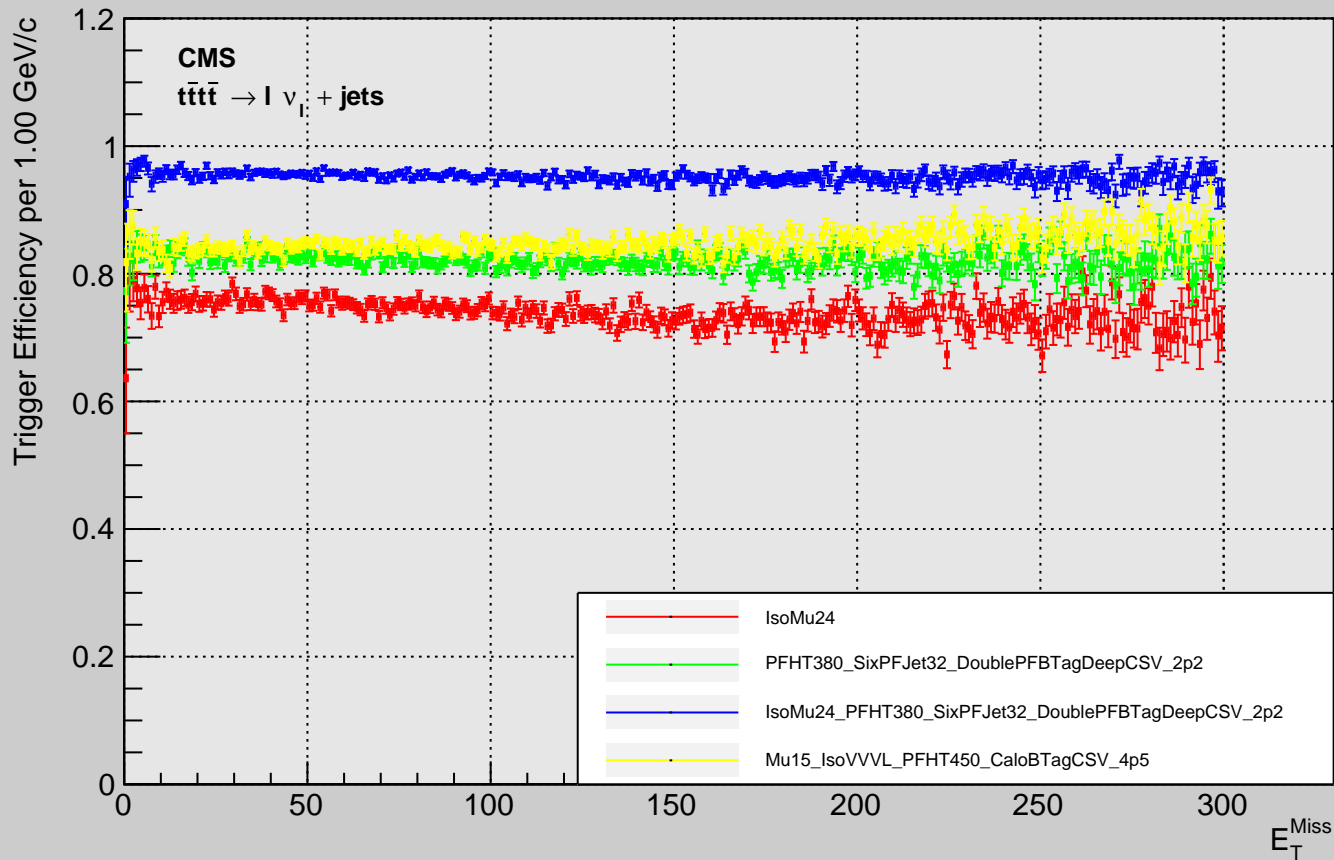


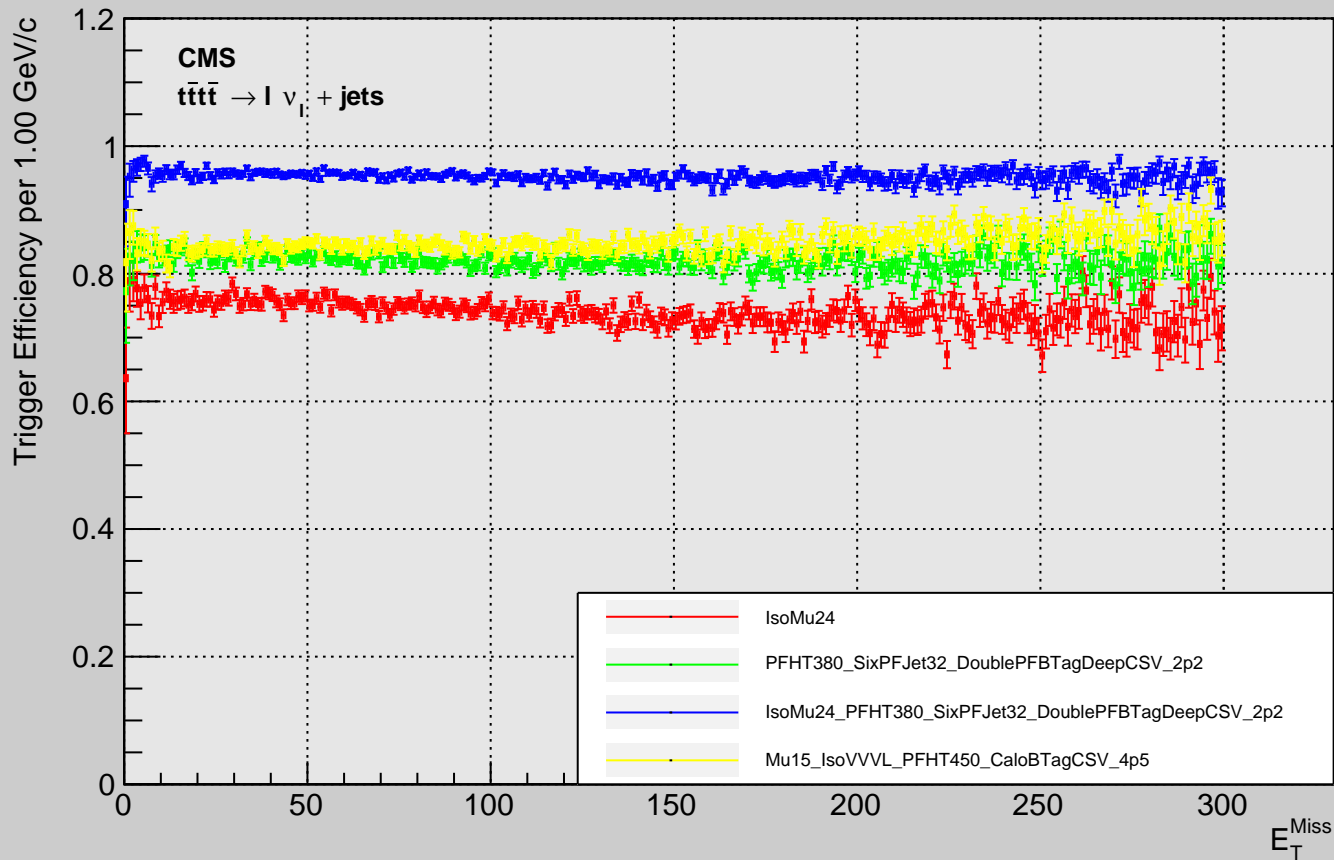
Trigger Efficiency per 1.00 GeV/c



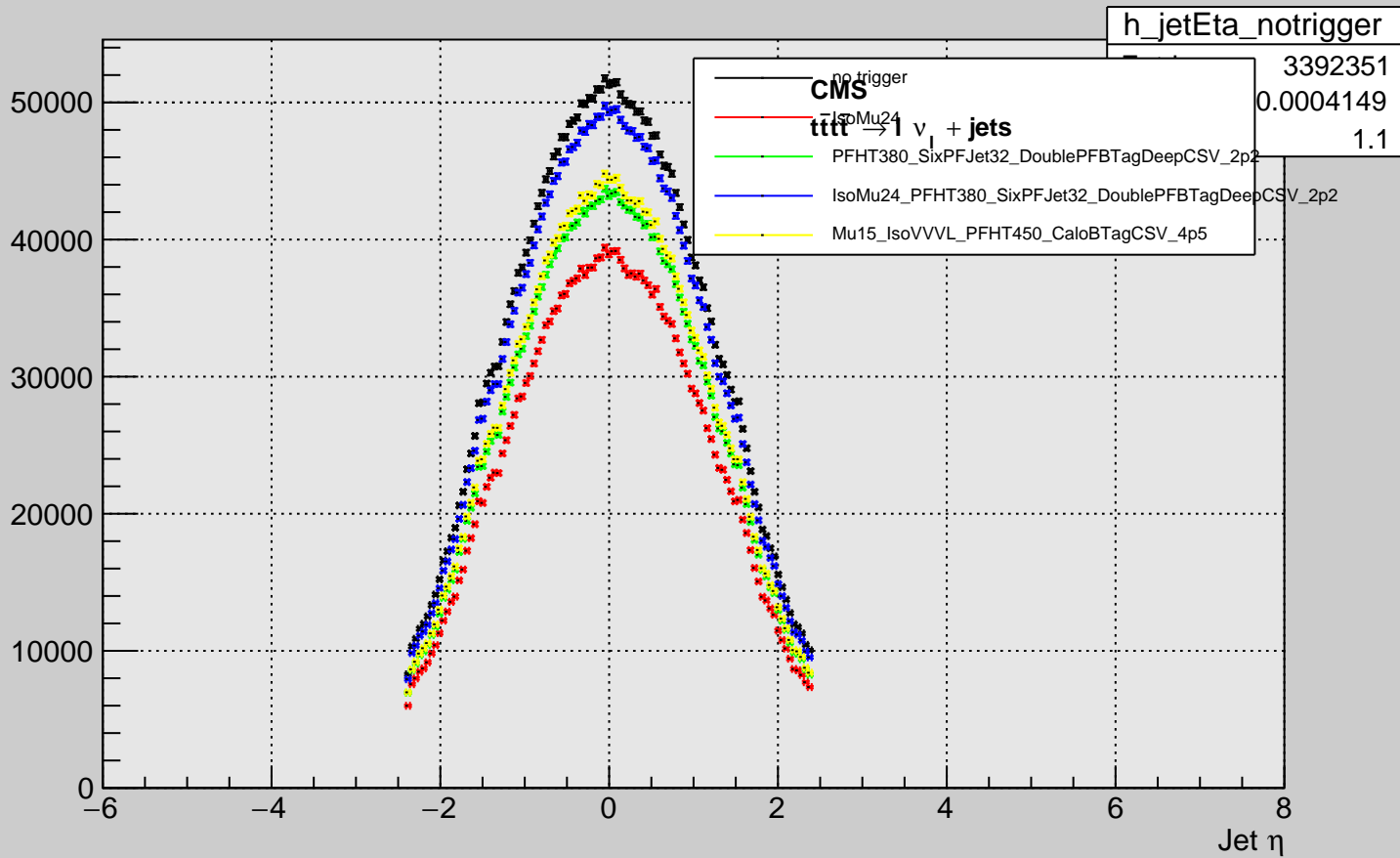
Number of Events per 1 GeV/c



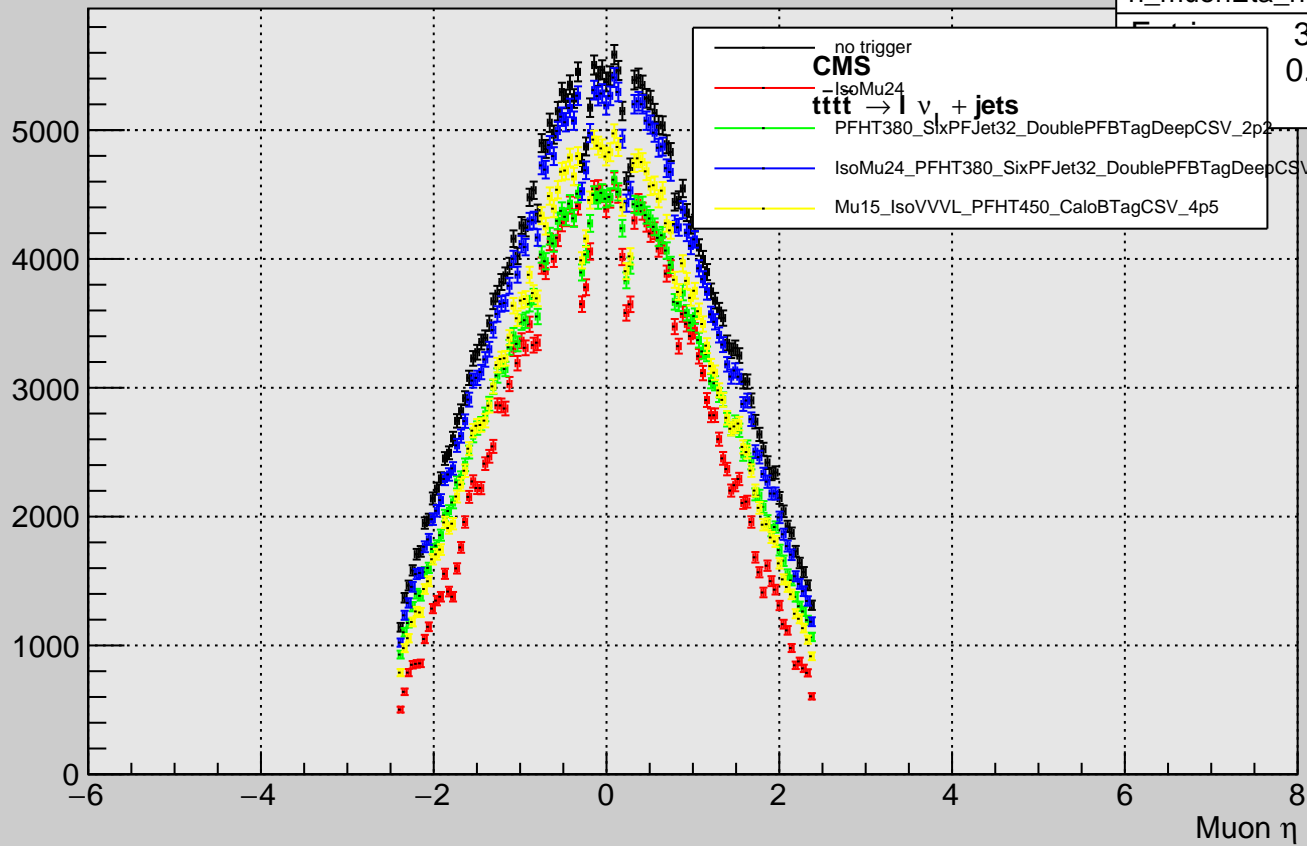




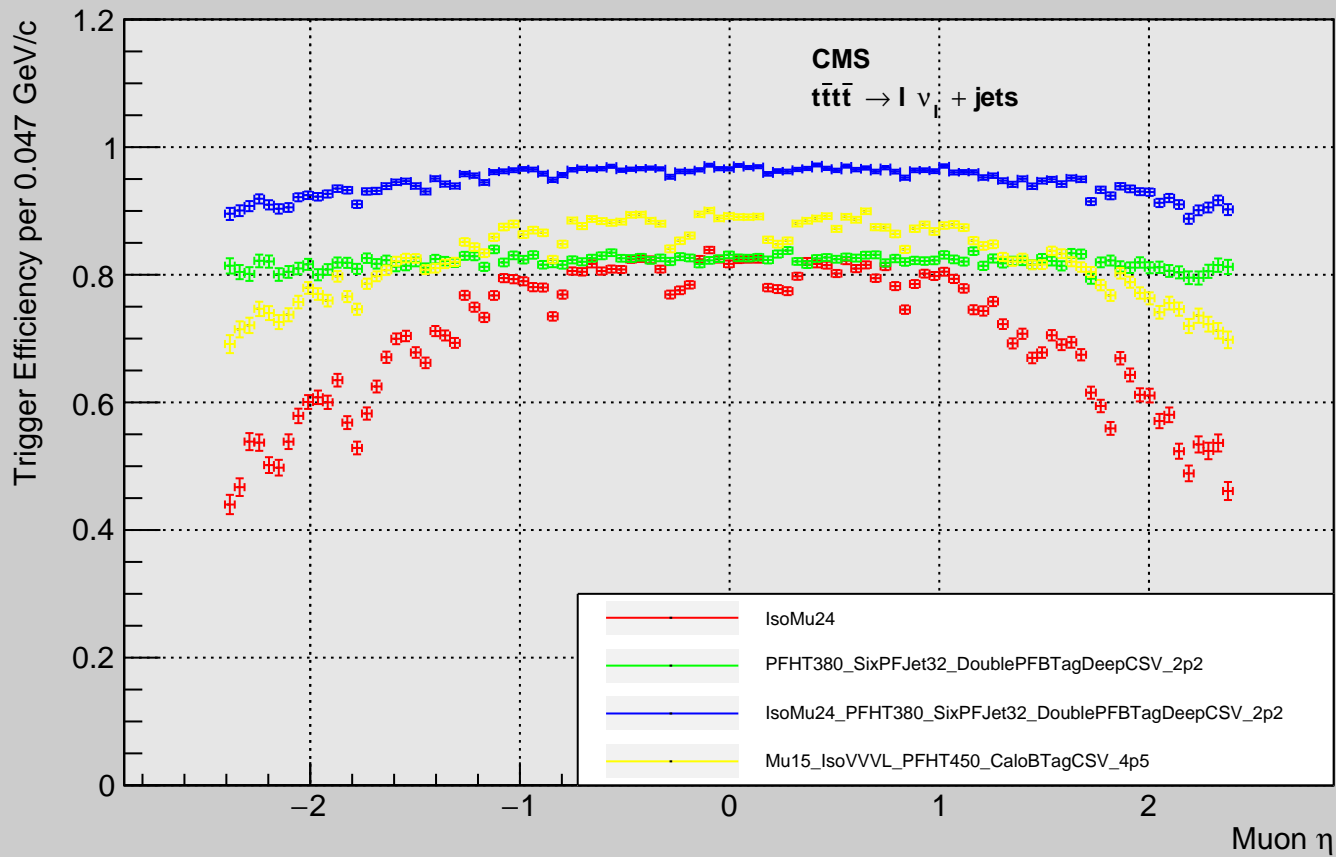
Number of Events per $\delta\eta = 0.046$



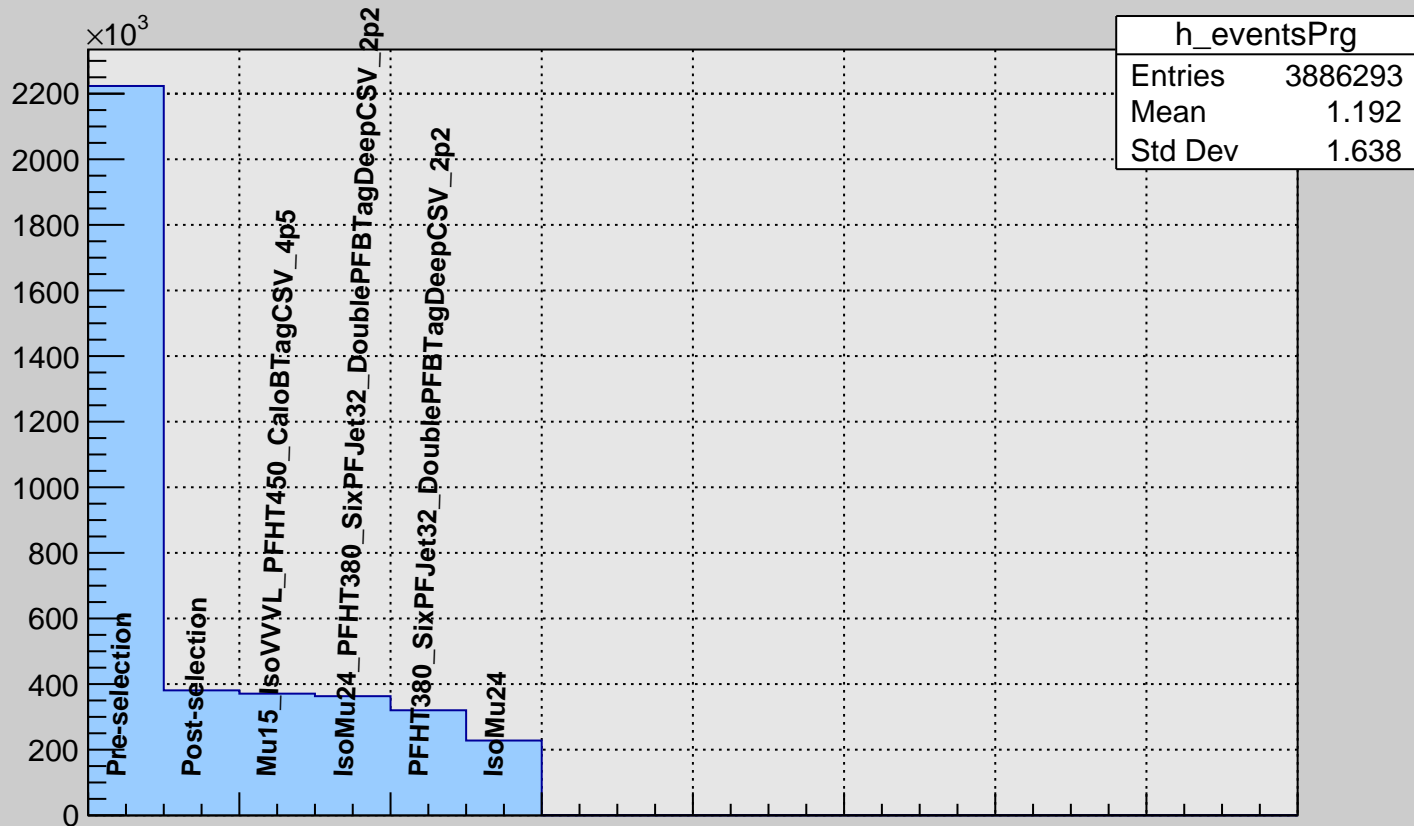
Number of Events per $\delta\eta = 0.046$



h_muonEta_notrigger	380854
h_muonEta_IsoMu24	0.00249
h_muonEta_PFT380_SixPFJet32_DoublePFBTagDeepCSV_2p2	1.152



Total Number of Accepted Events



Cuts and Triggers

h_eventsPrg	
Entries	3886293
Mean	1.192
Std Dev	1.638