

On-line (pre-)selection Requisites for:

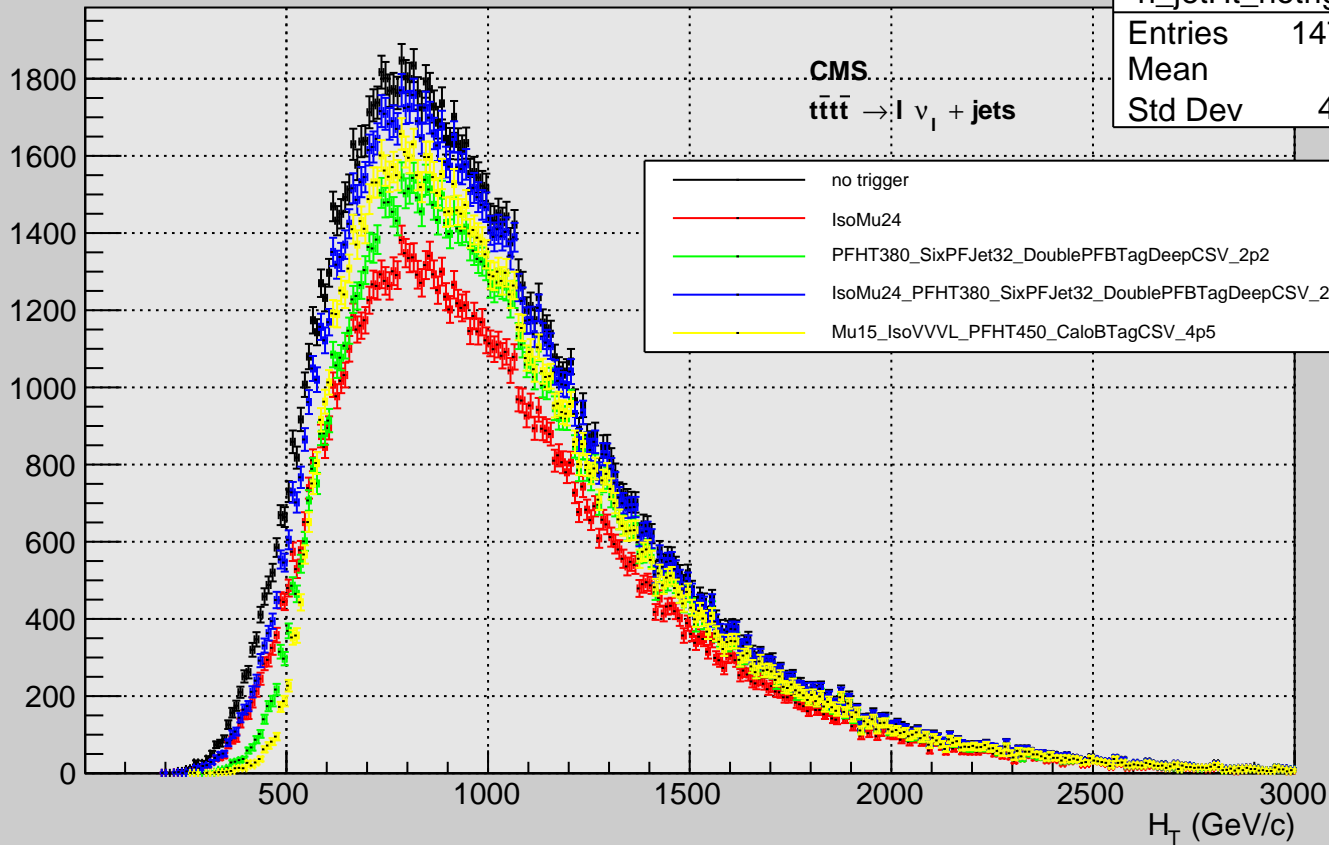
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

Event Limit: None (see last page)

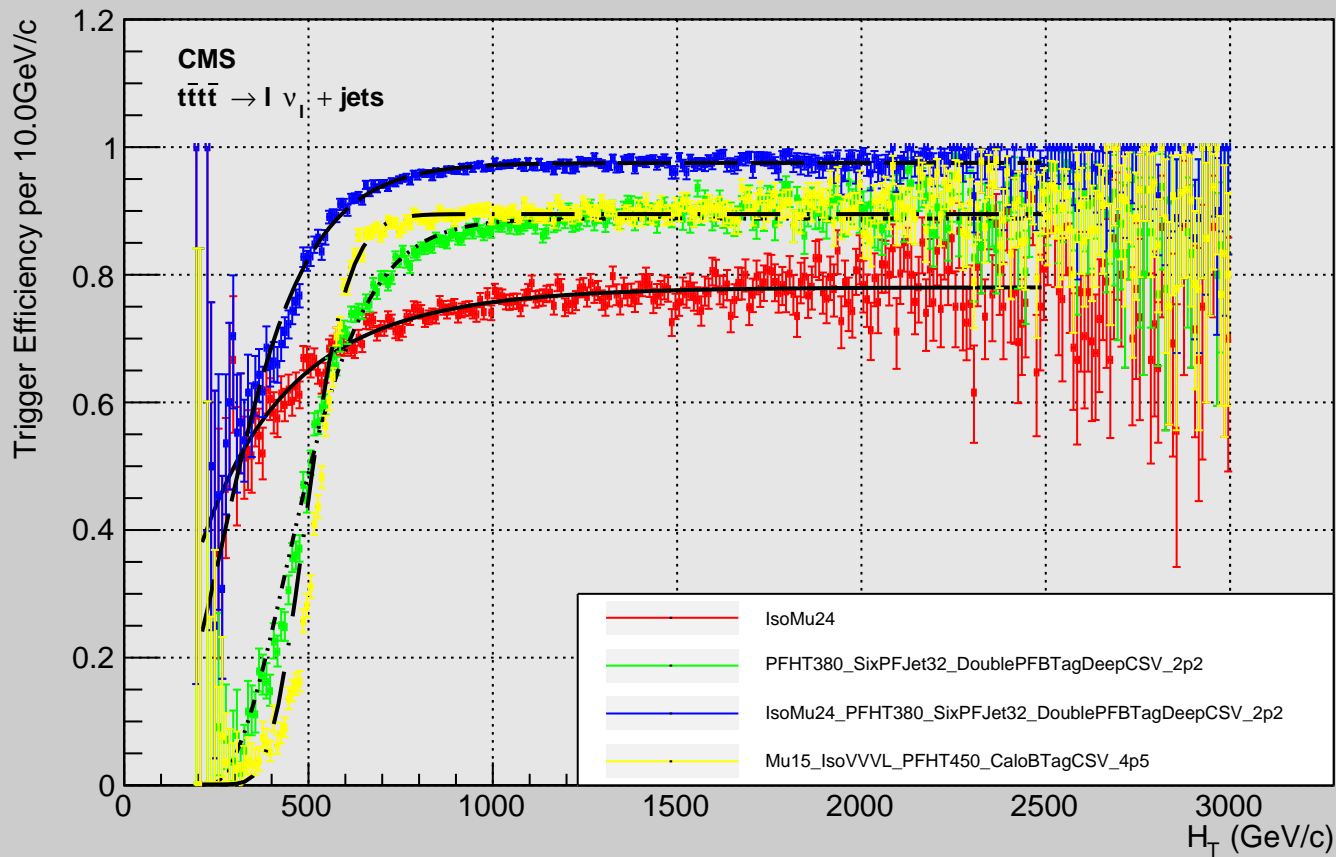
Off-line (post-)selection Requisites for:

- **Jets:** $\text{jetId} > 2$, $p_T > 20$ 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)

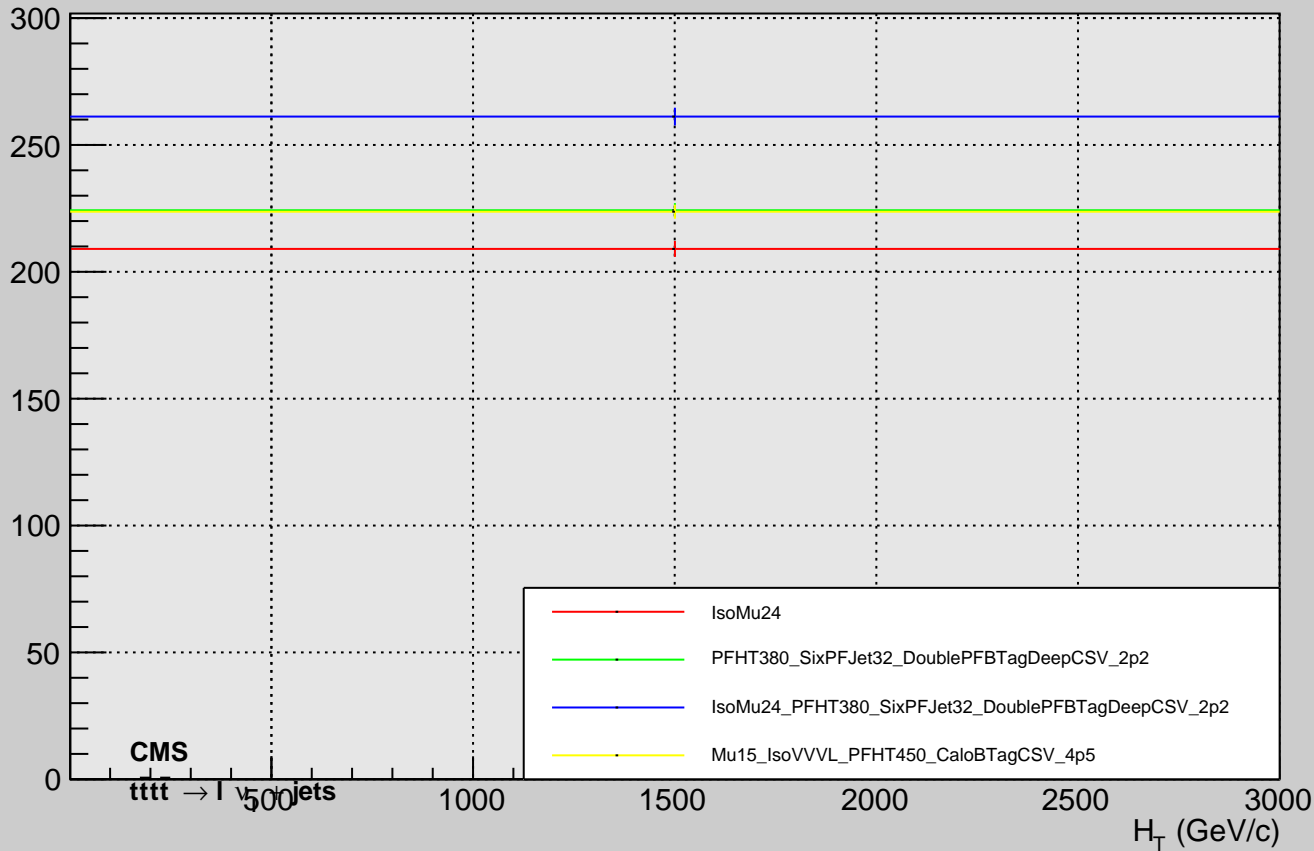
Number of Events per 10 GeV/c



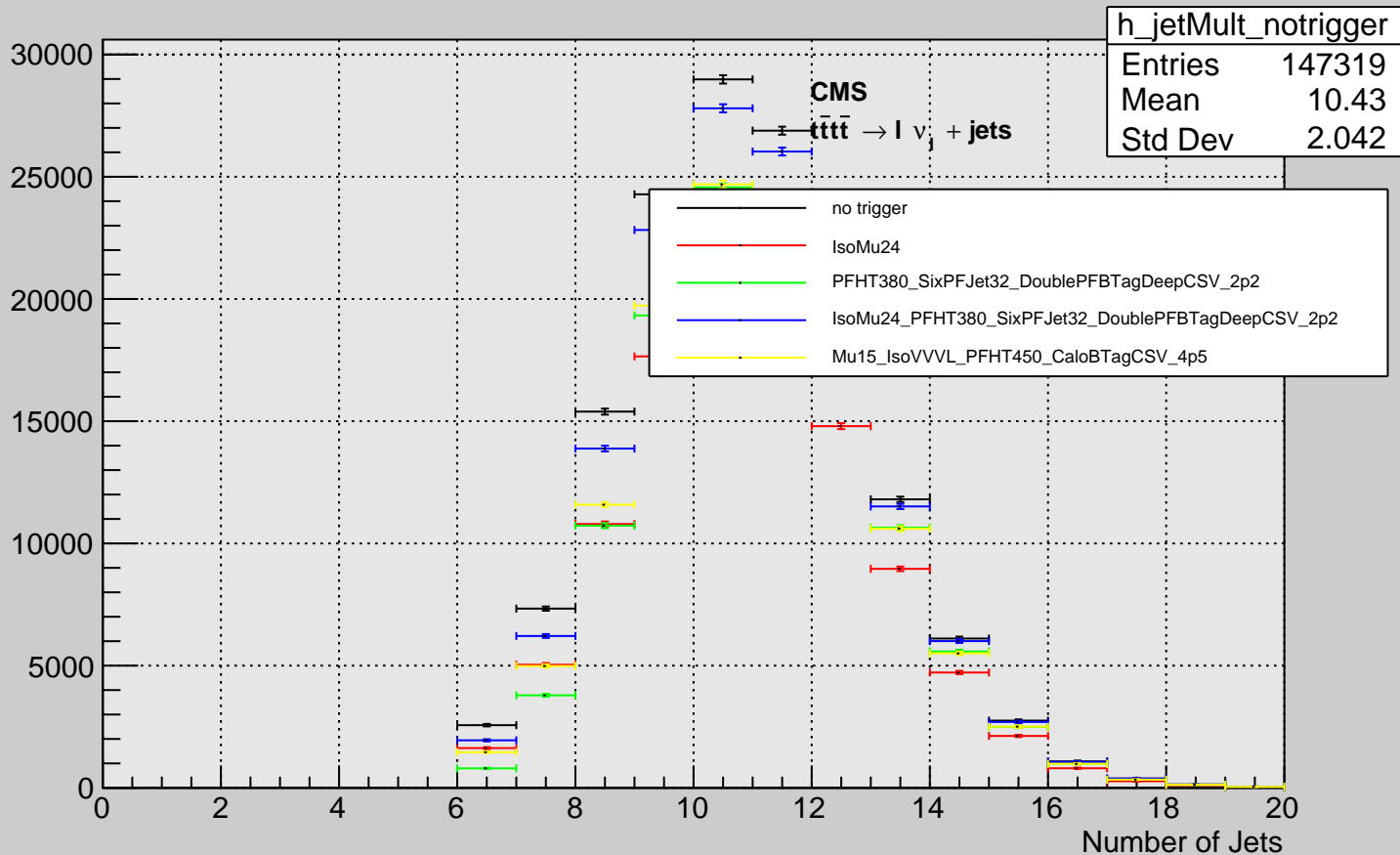
h_jetHt_notrigger	
Entries	147319
Mean	1025
Std Dev	410.8

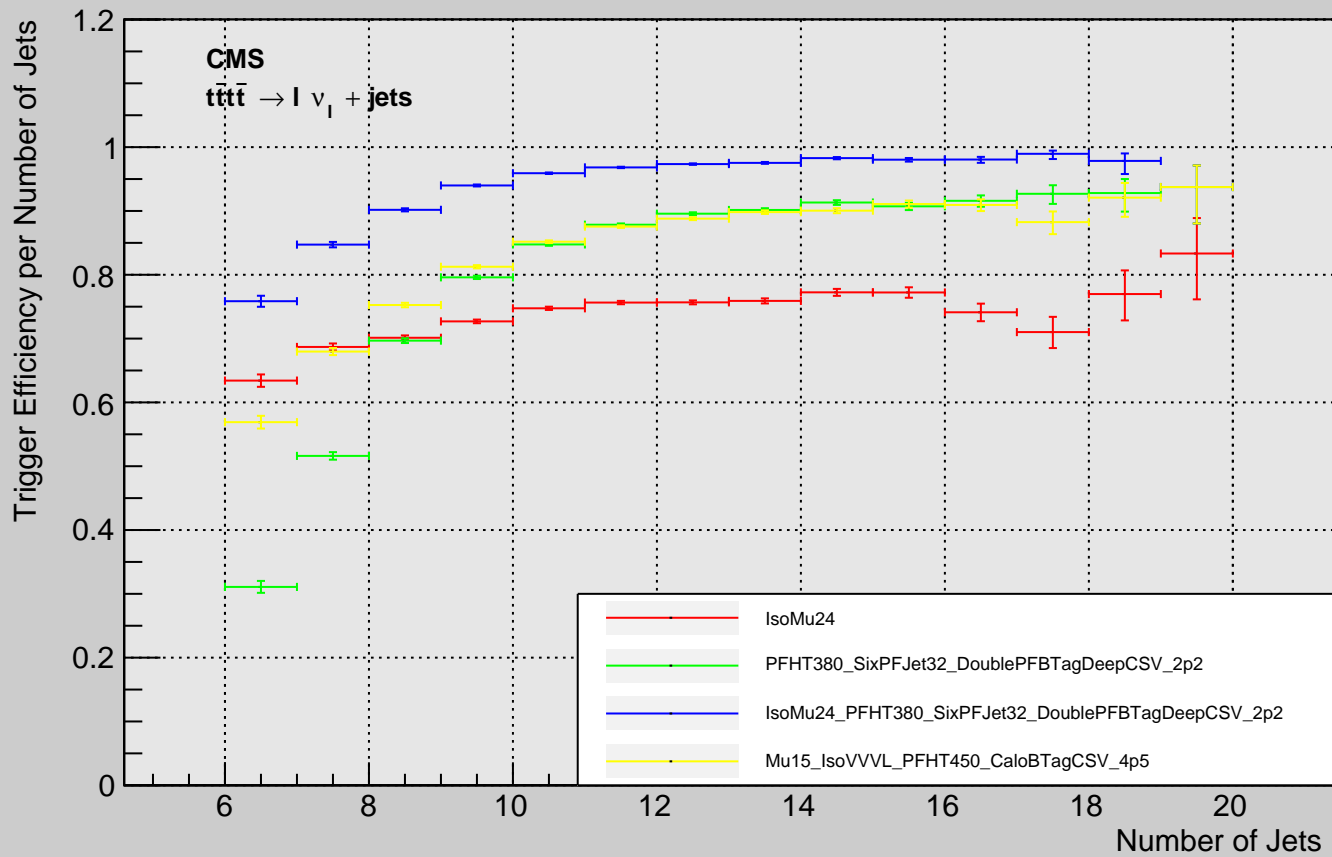


Trigger Efficiency per 10.0 GeV/c

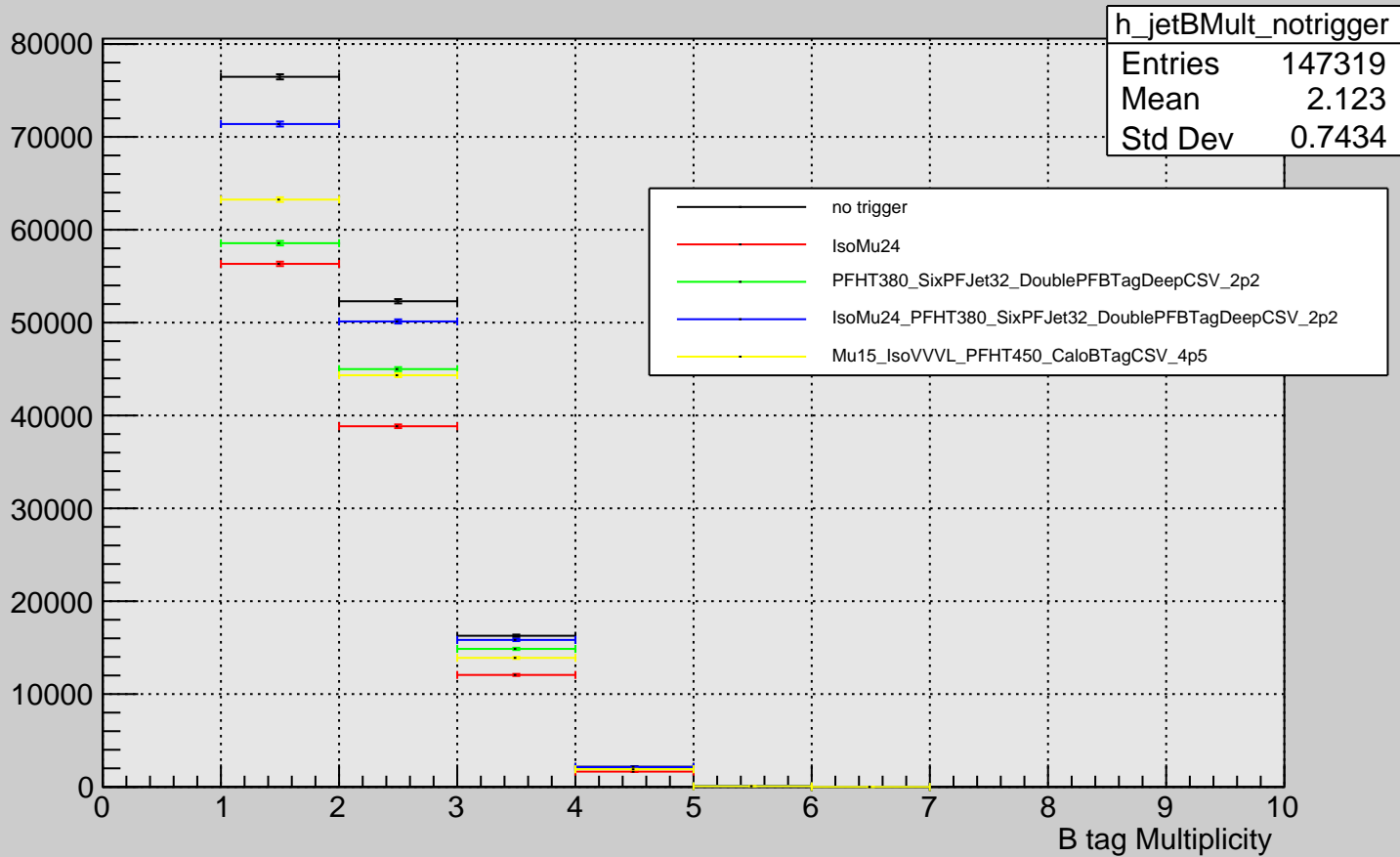


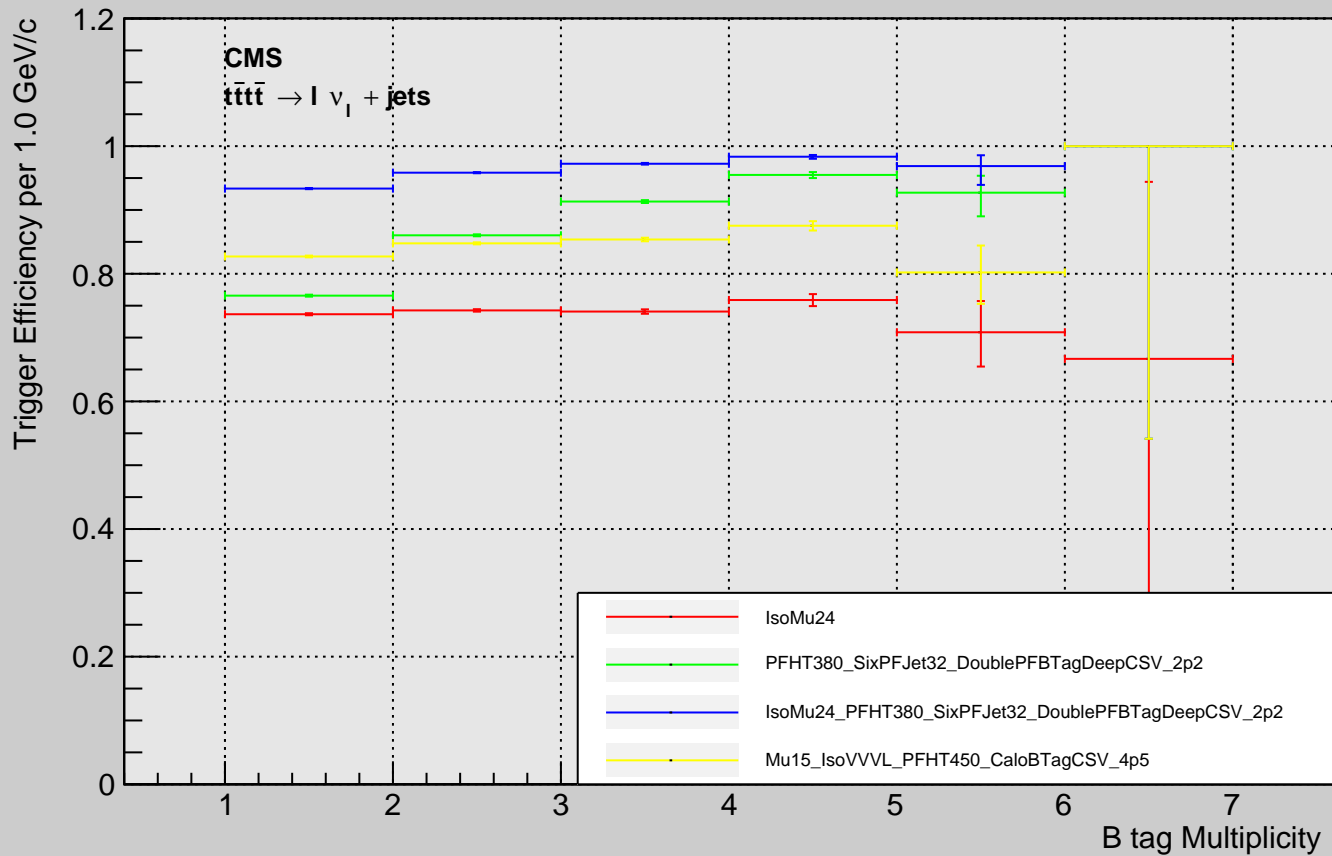
Number of Events per Number of Jets

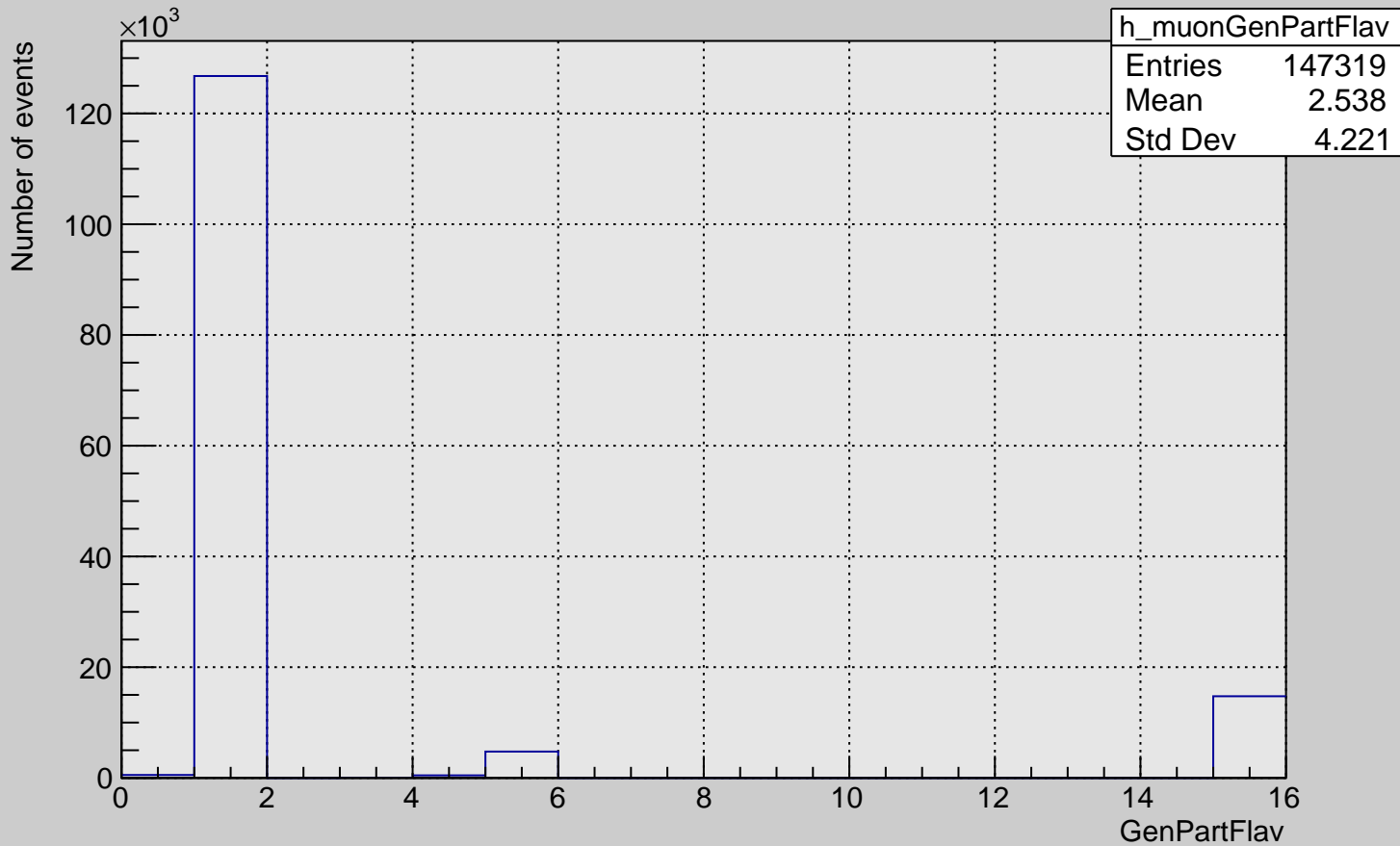




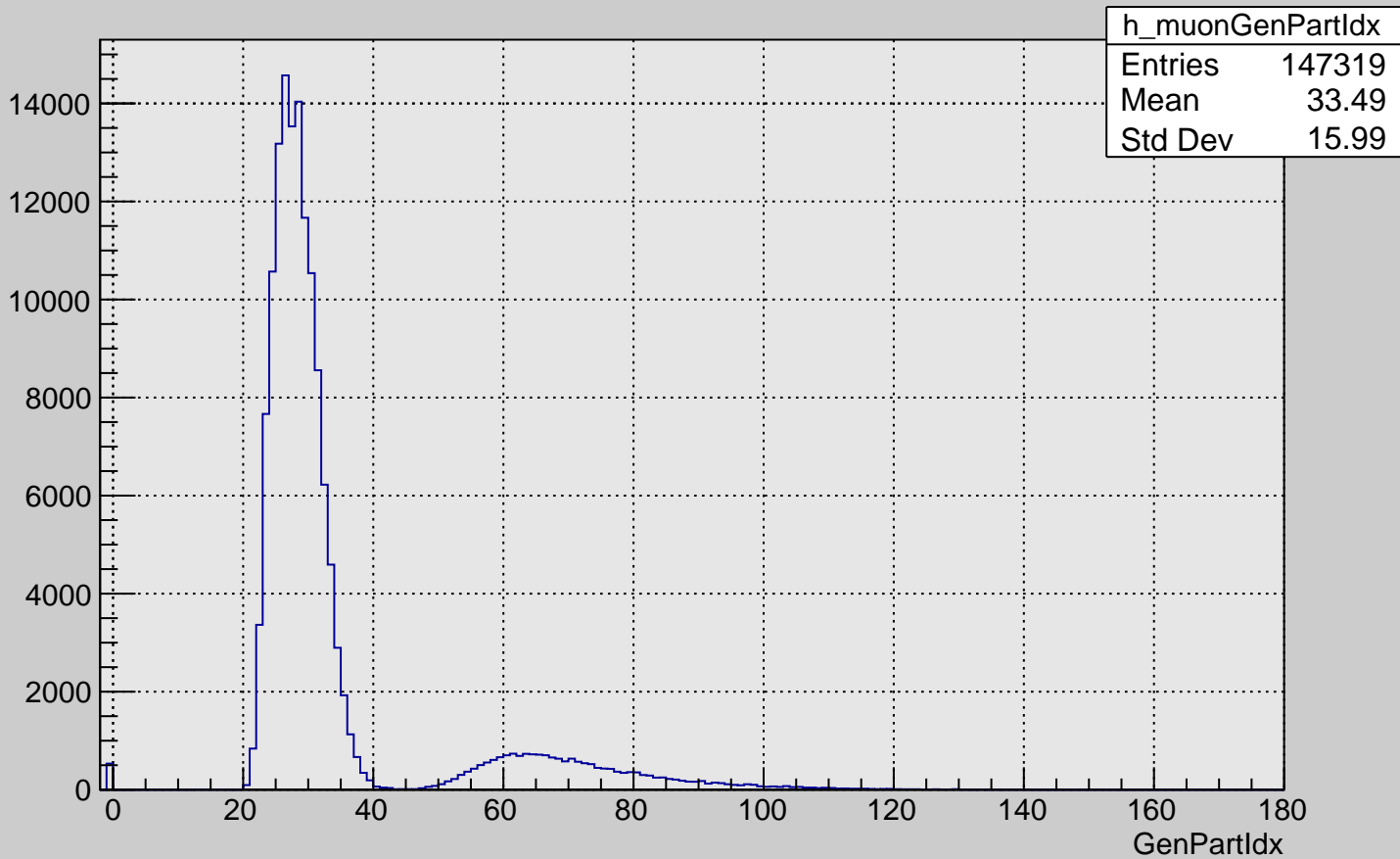
Number of Events per Number of Jets



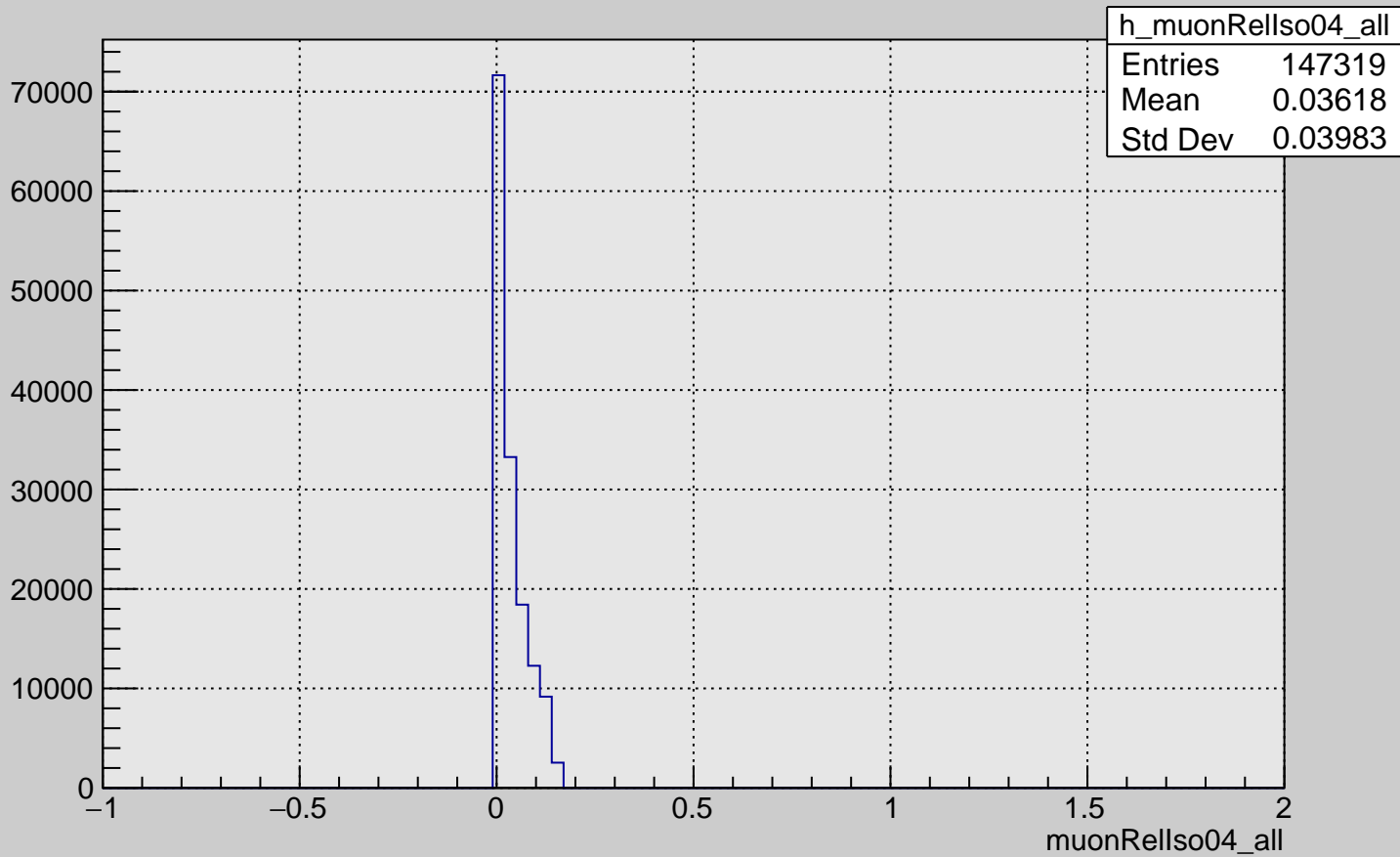




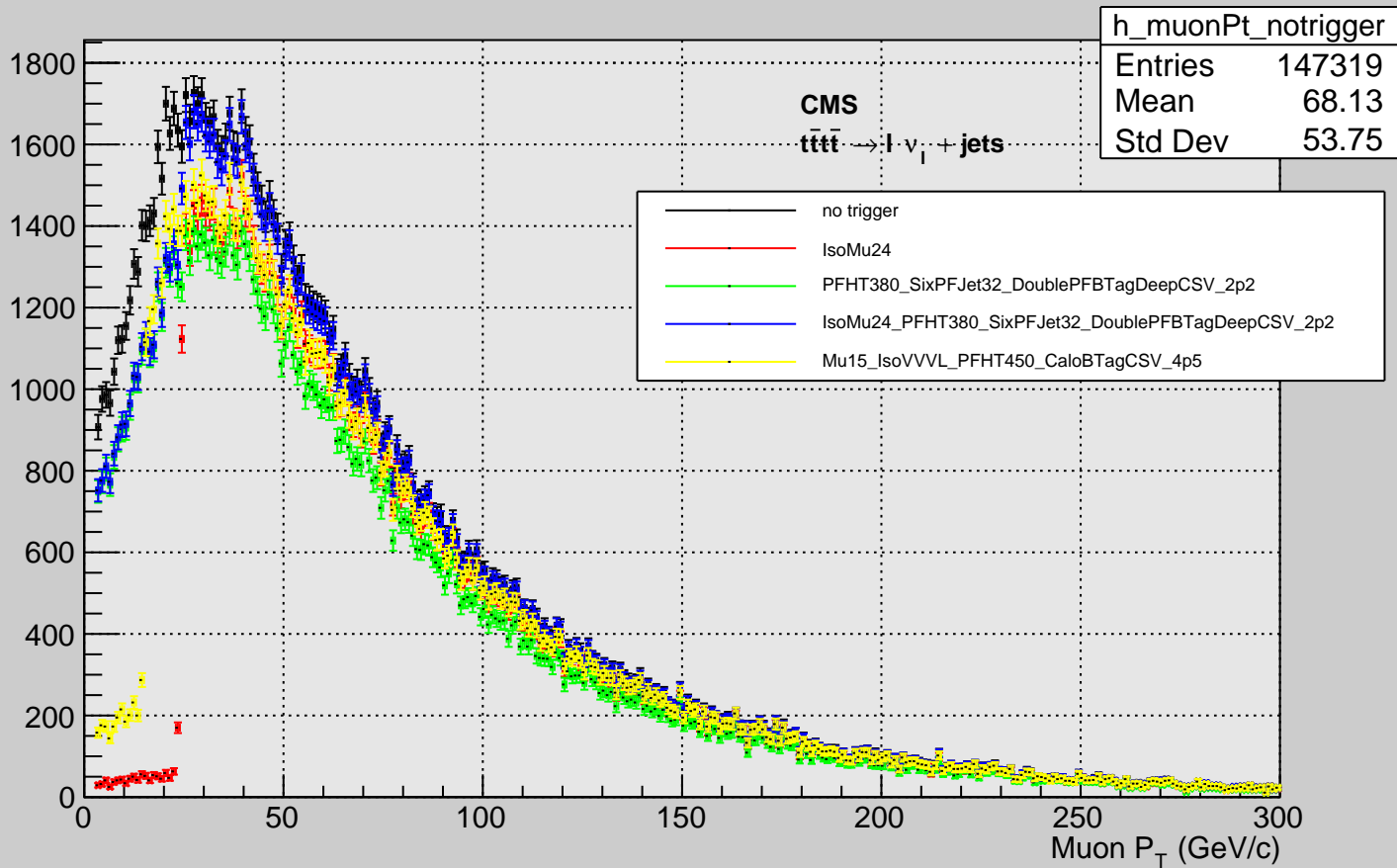
Number of events



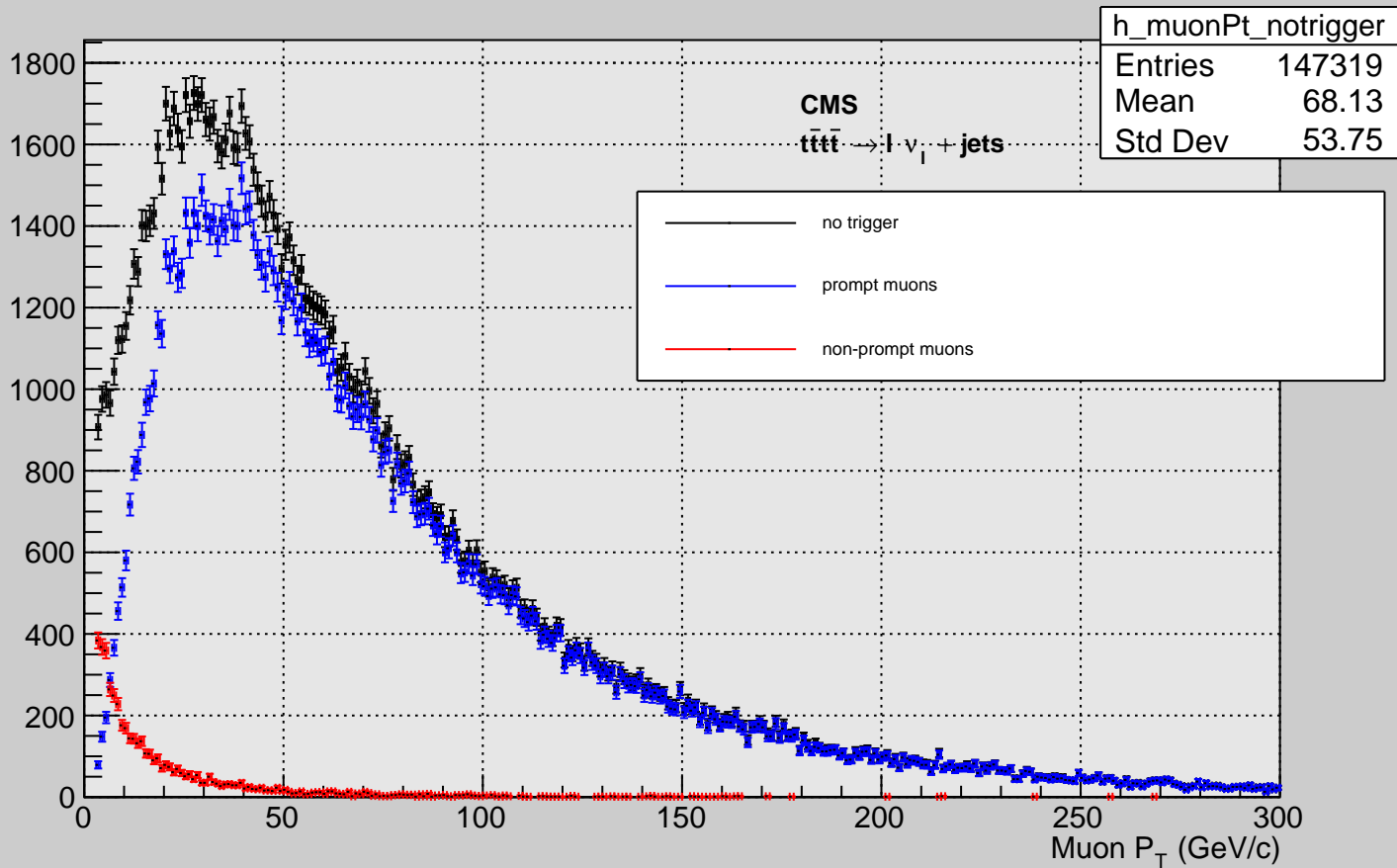
Number of Events

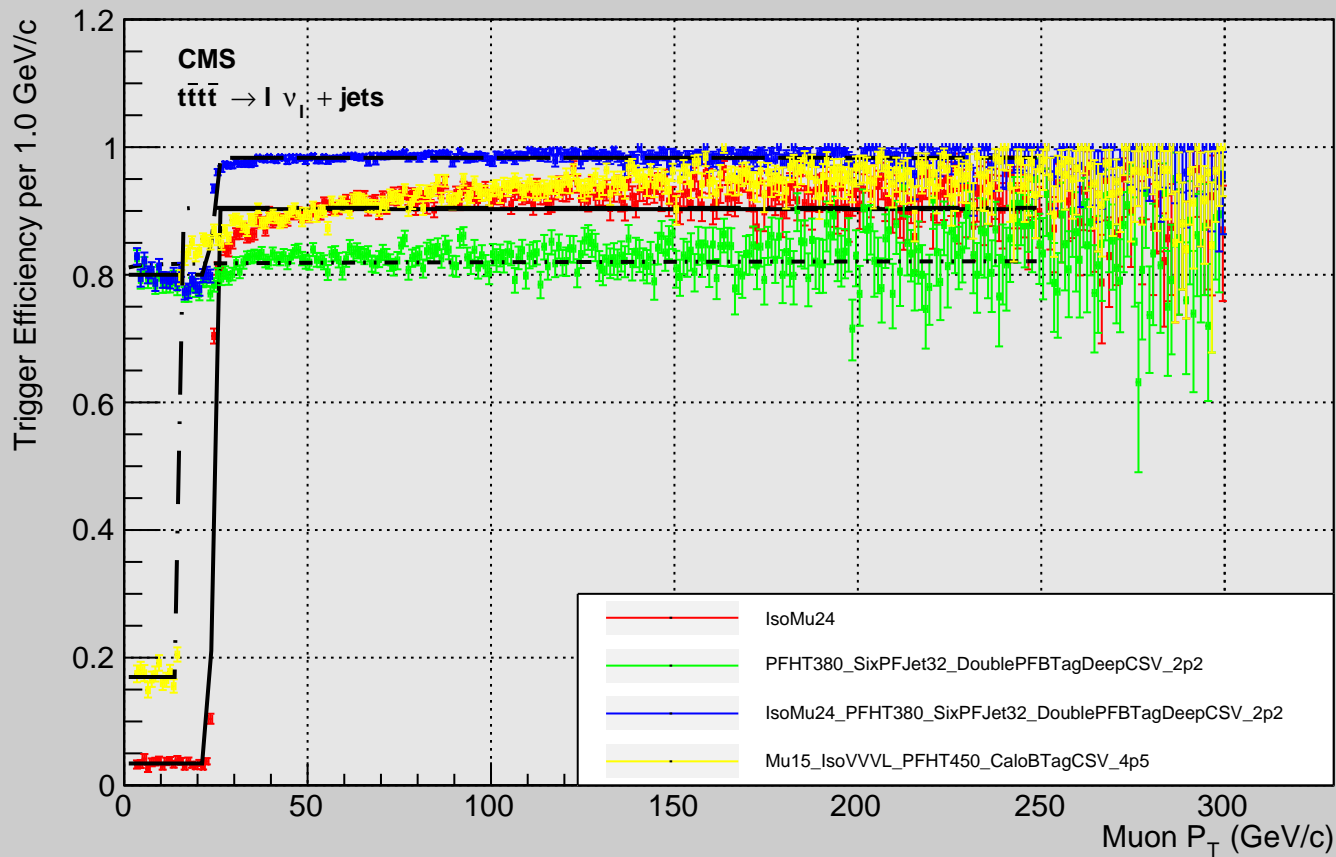


Number of Events per 1 GeV/c

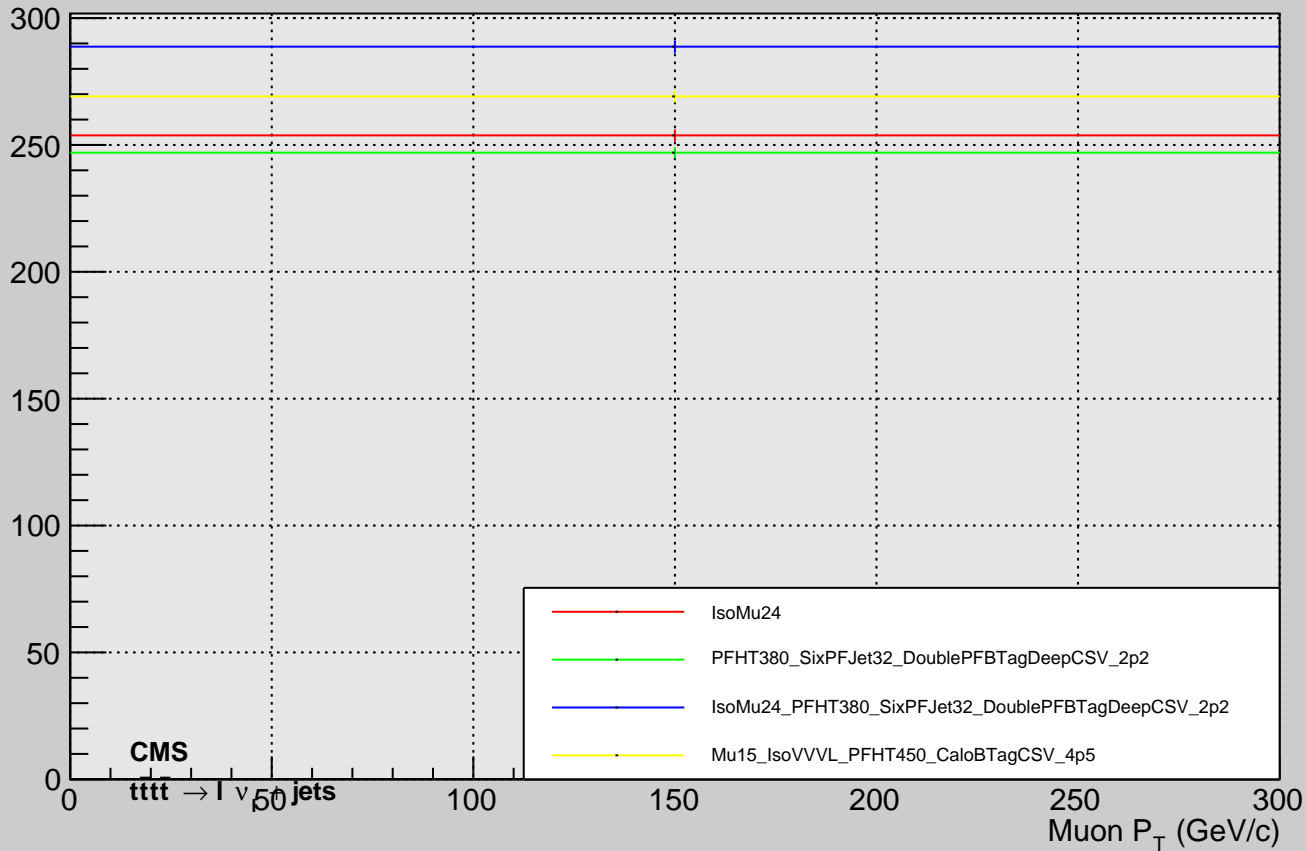


Number of Events per 1 GeV/c

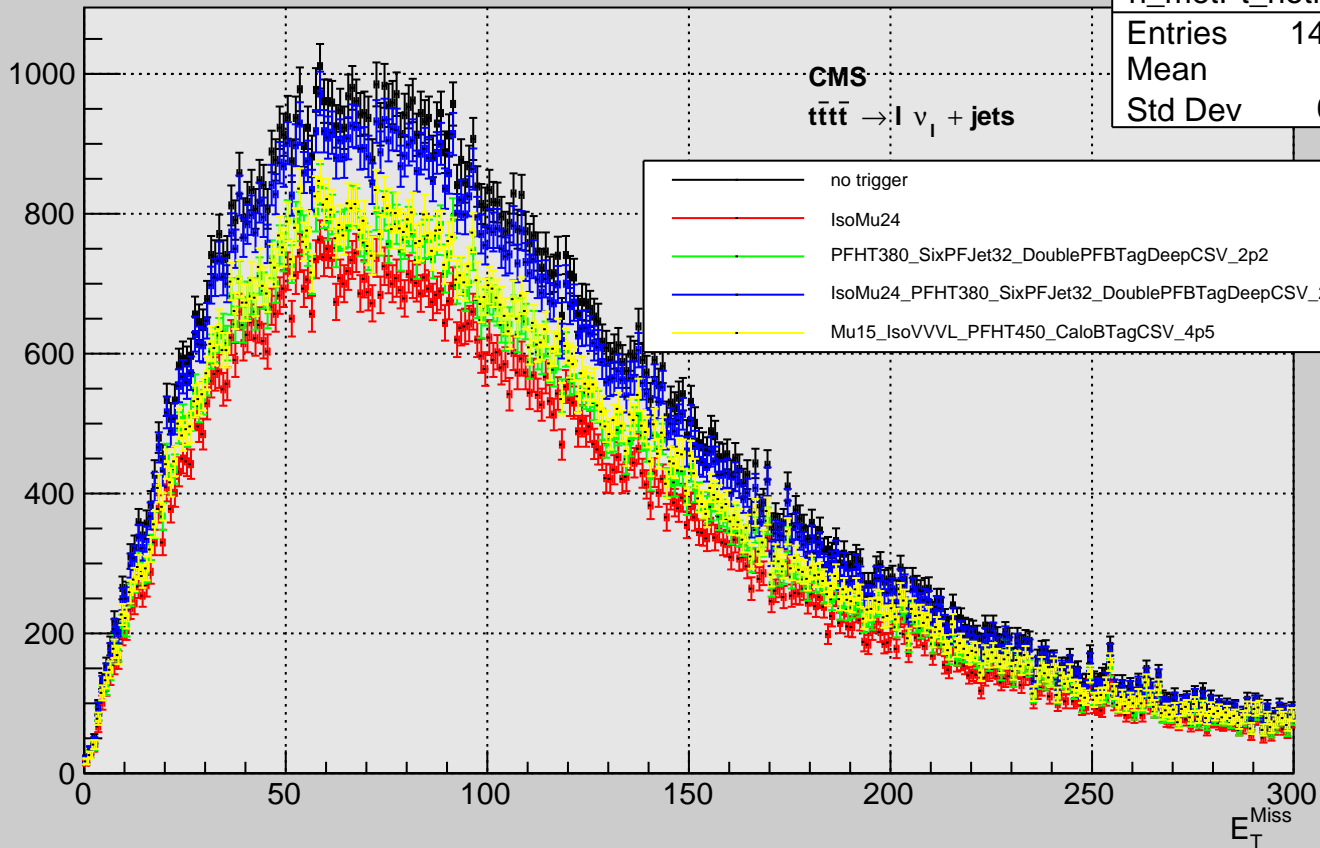




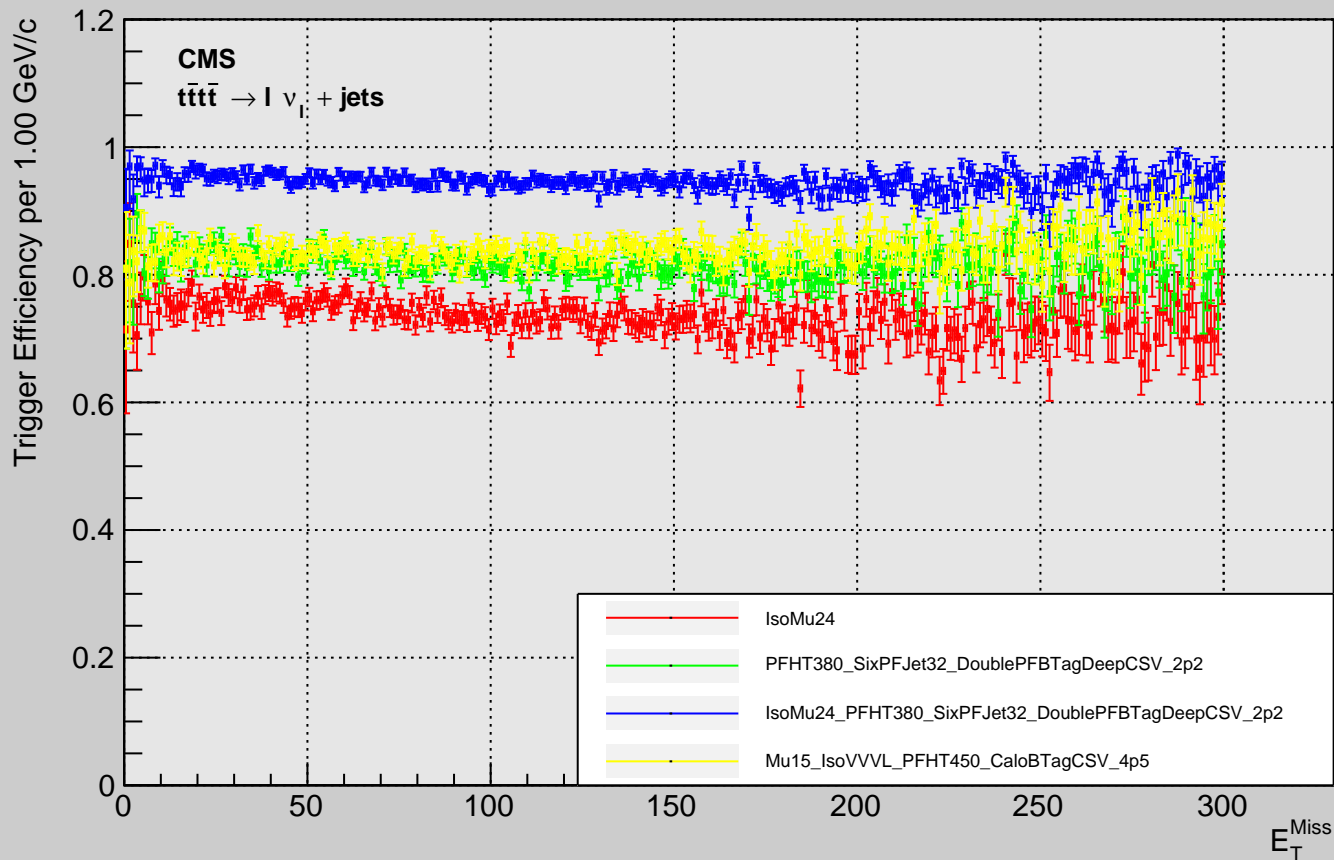
Trigger Efficiency per 1.00 GeV/c



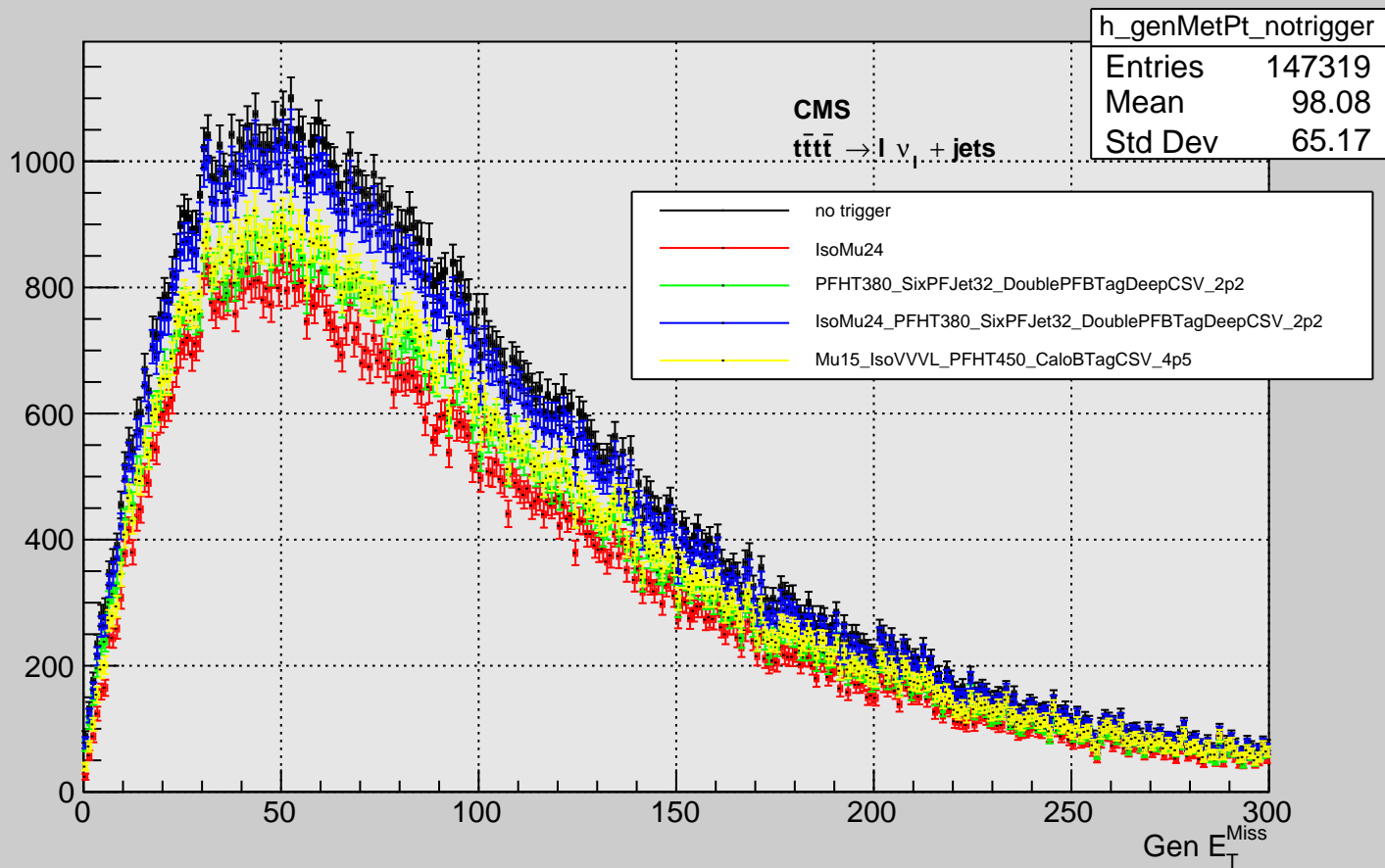
Number of Events per 1 GeV/c

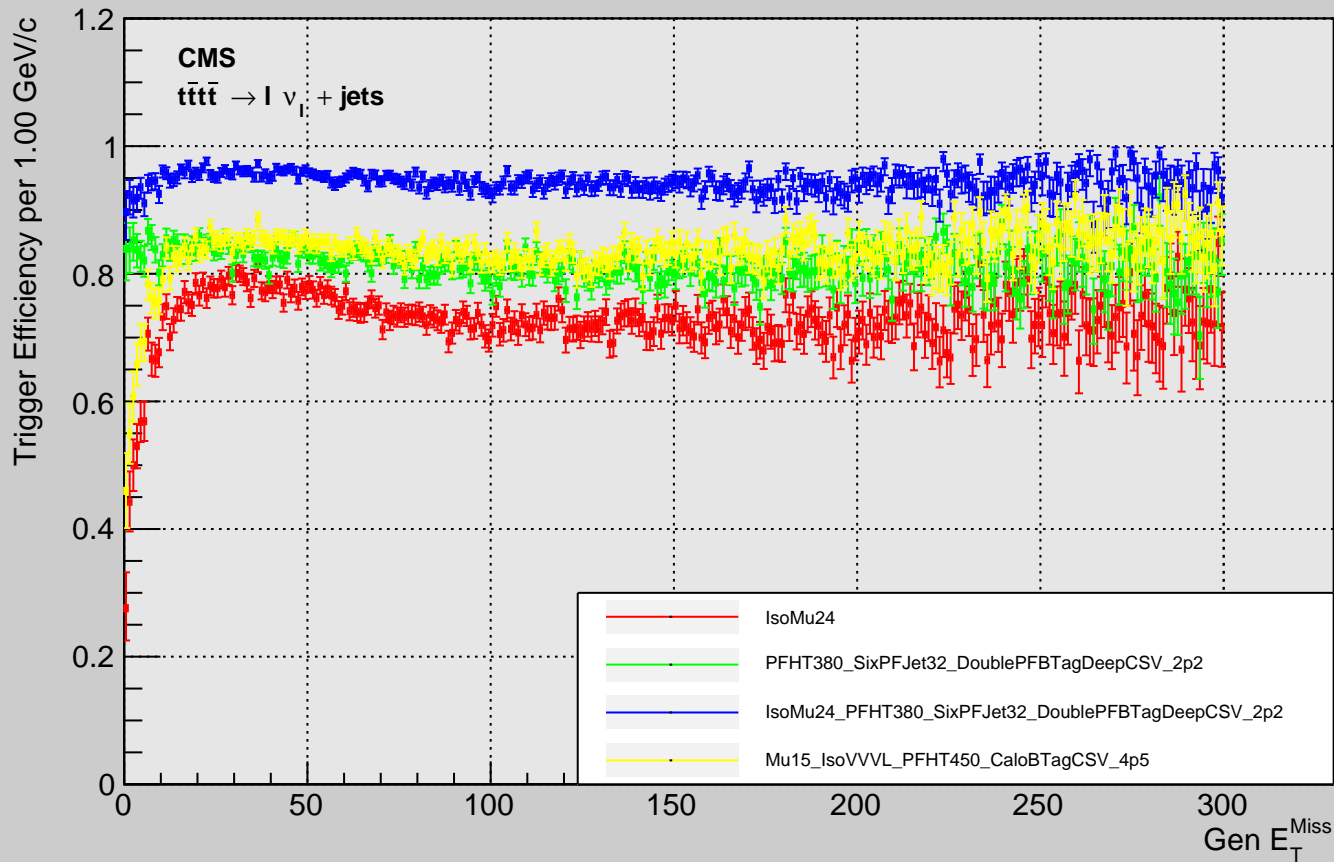


h_metPt_notrigger	
Entries	147319
Mean	109
Std Dev	65.13

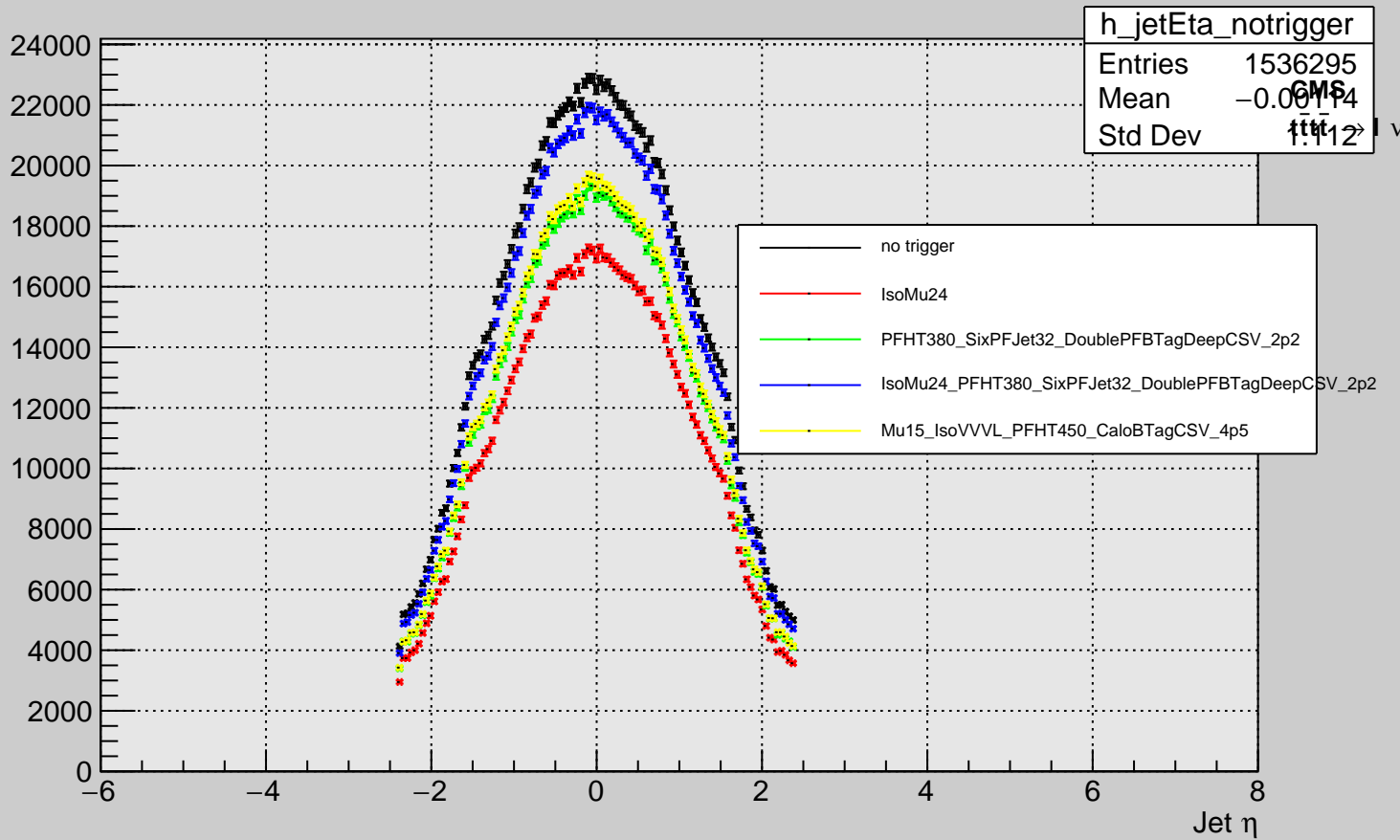


Number of Events per 1GeV/c

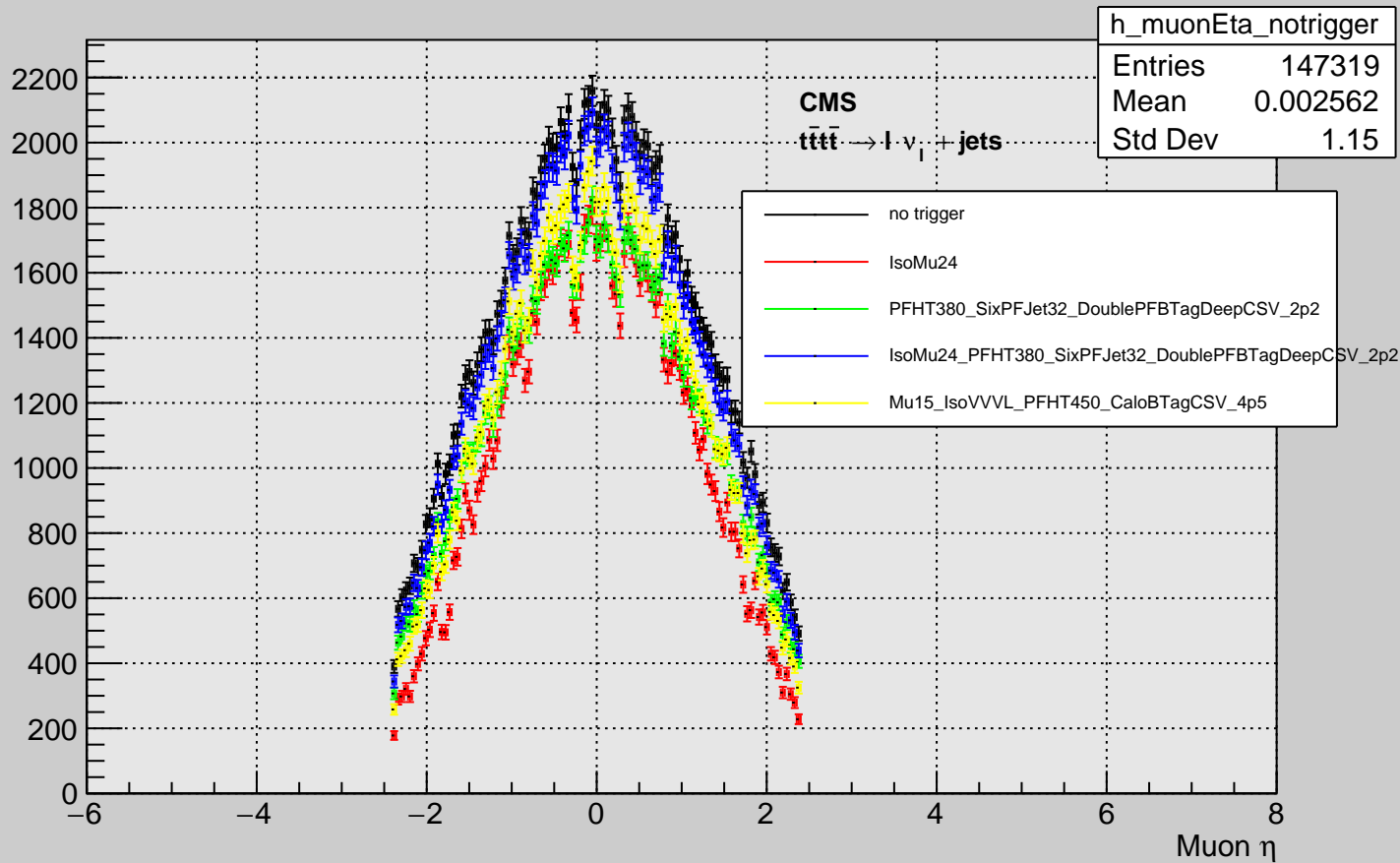


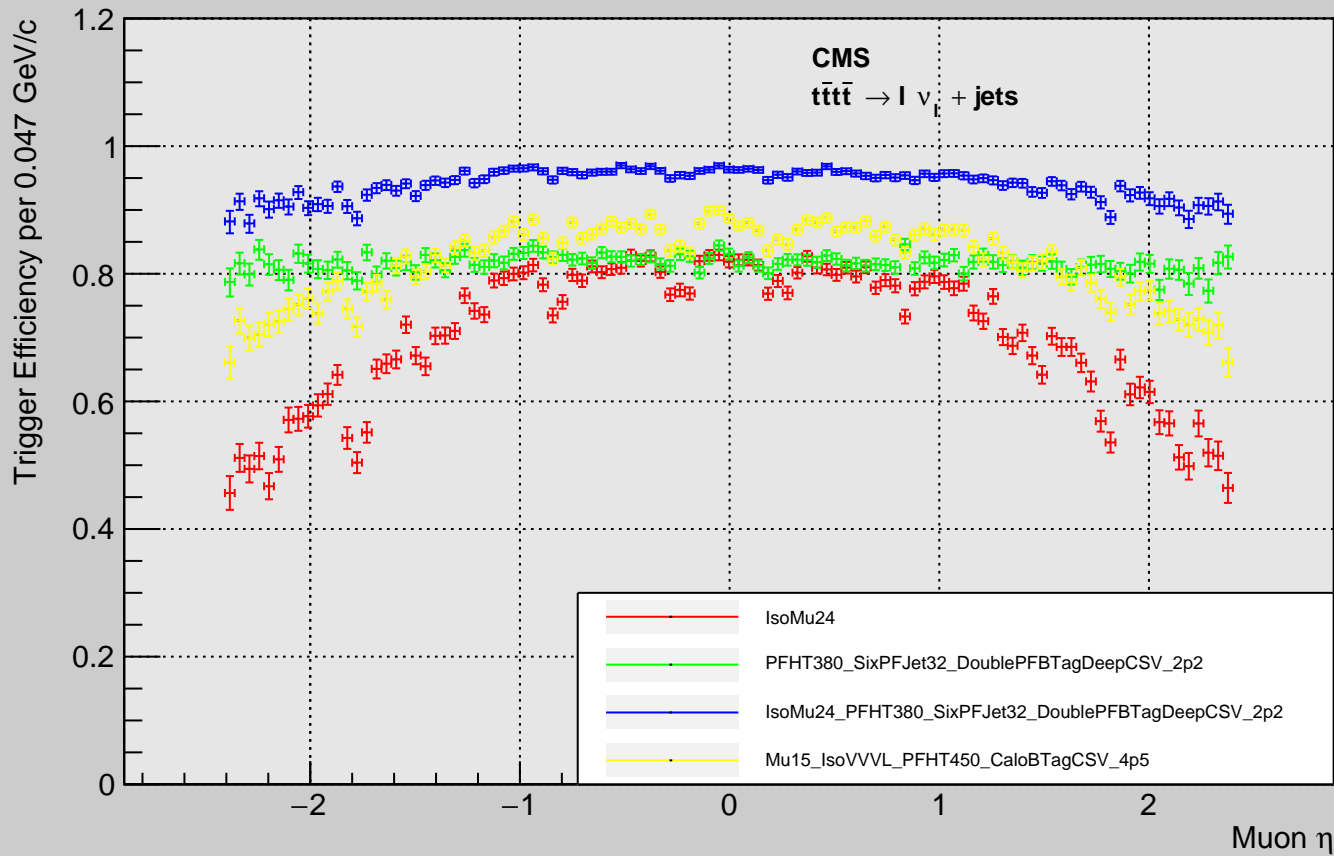


Number of Events per $\delta\eta = 0.046$

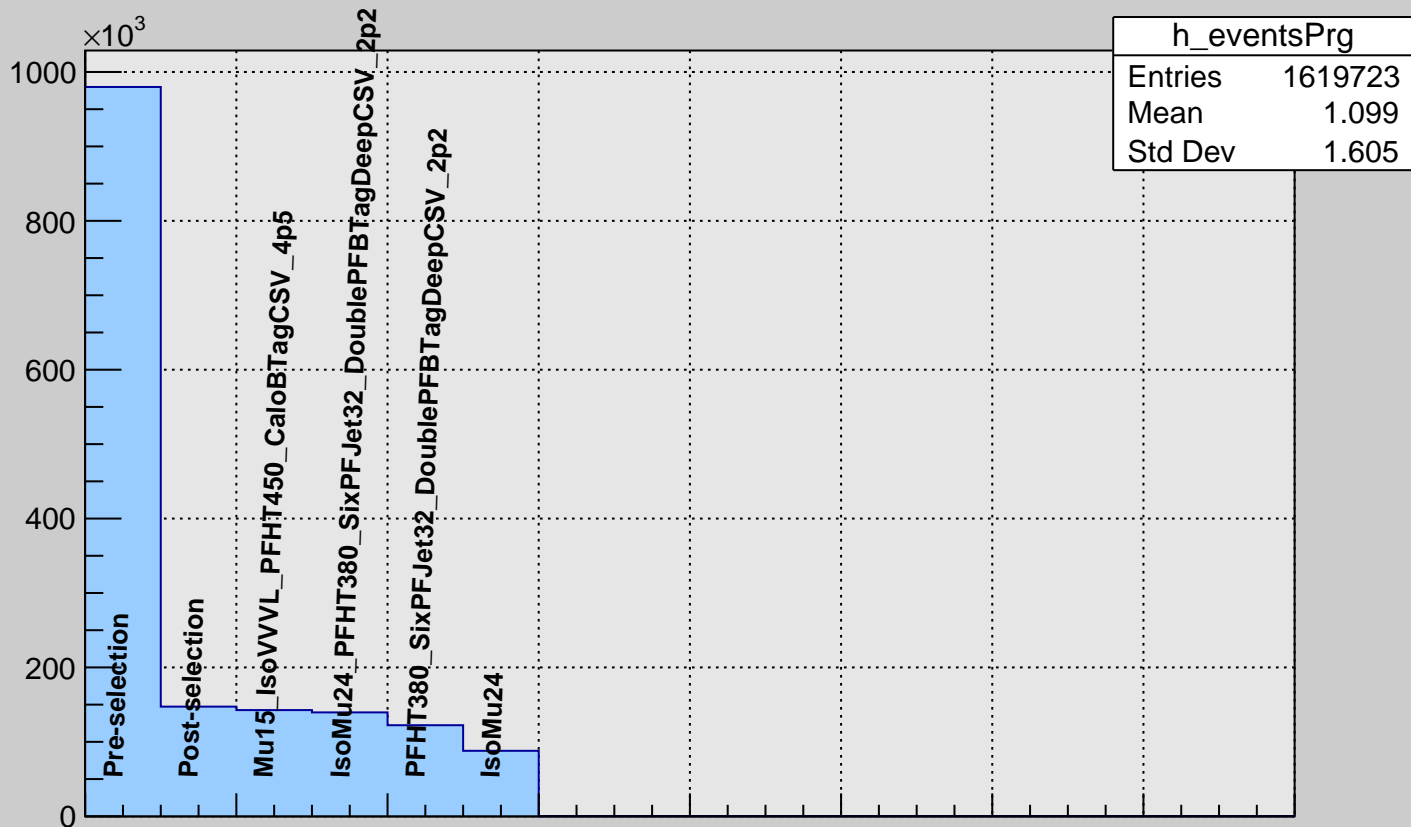


Number of Events per $\delta\eta = 0.046$





Total Number of Accepted Events



Cuts and Triggers

h_eventsPrg

Entries	1619723
Mean	1.099
Std Dev	1.605