

On-line (pre-)selection Requisites for:

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

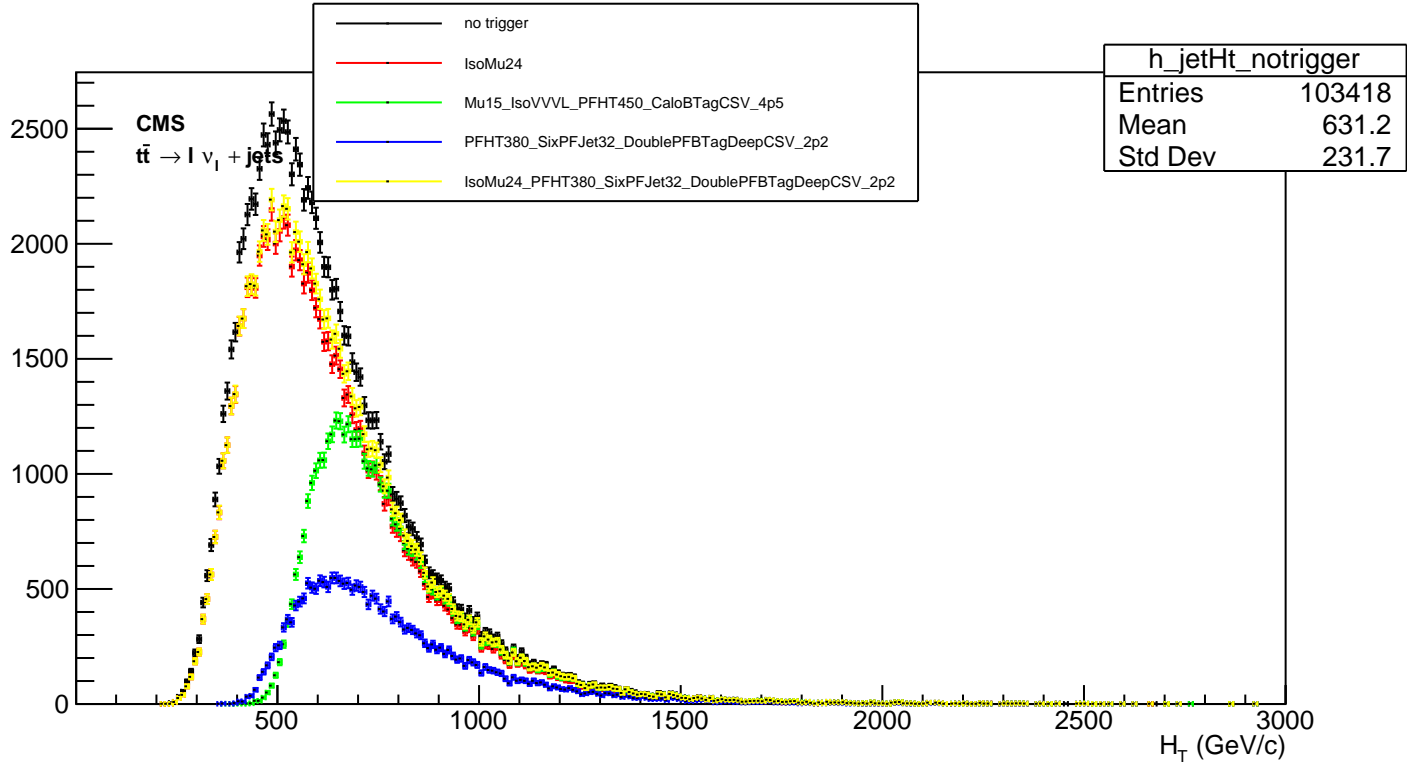
Event Limit: None (see last page)

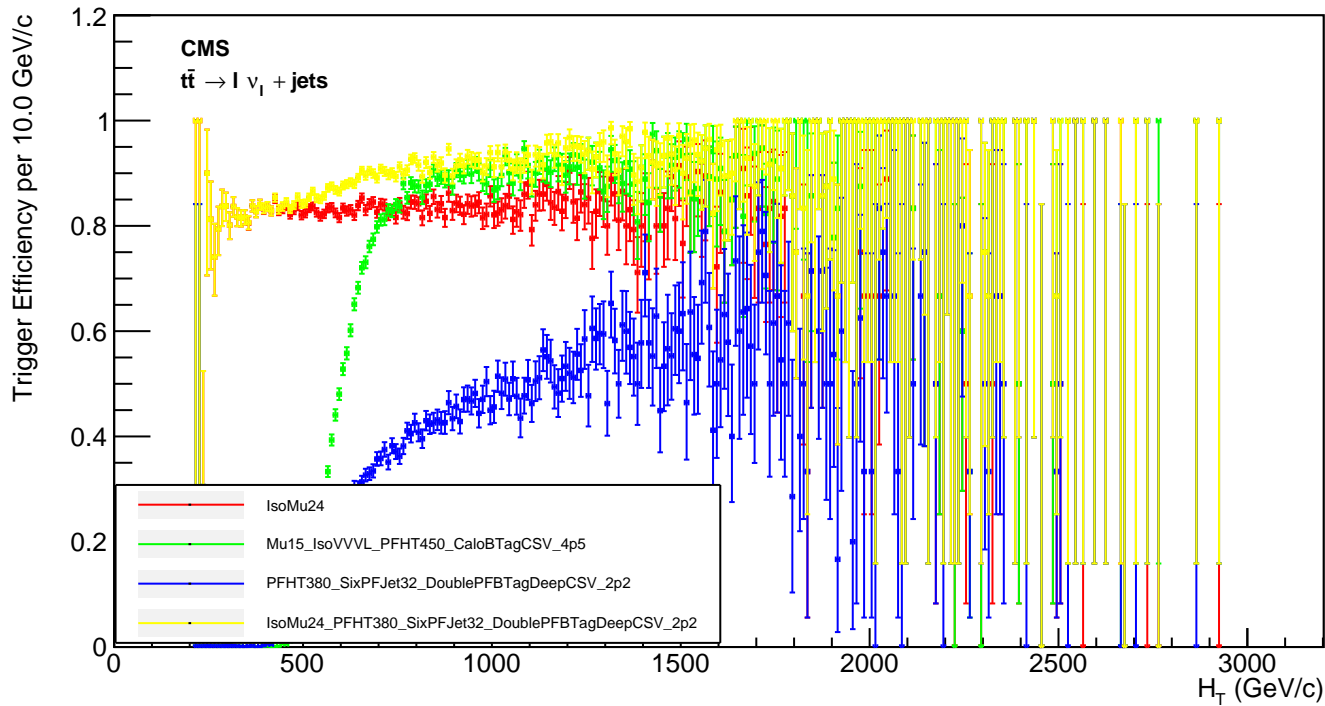
Off-line (post-)selection Requisites for:

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

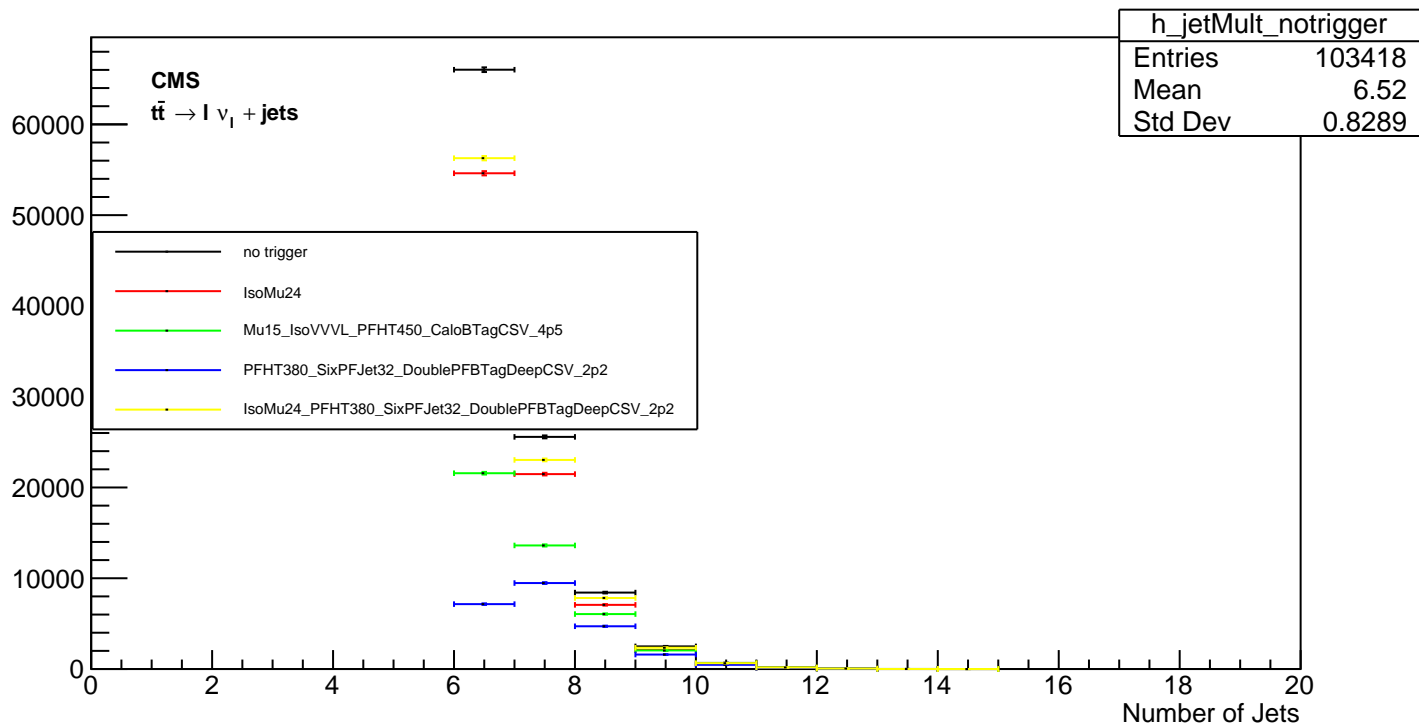
Number of Events per 10 GeV/c

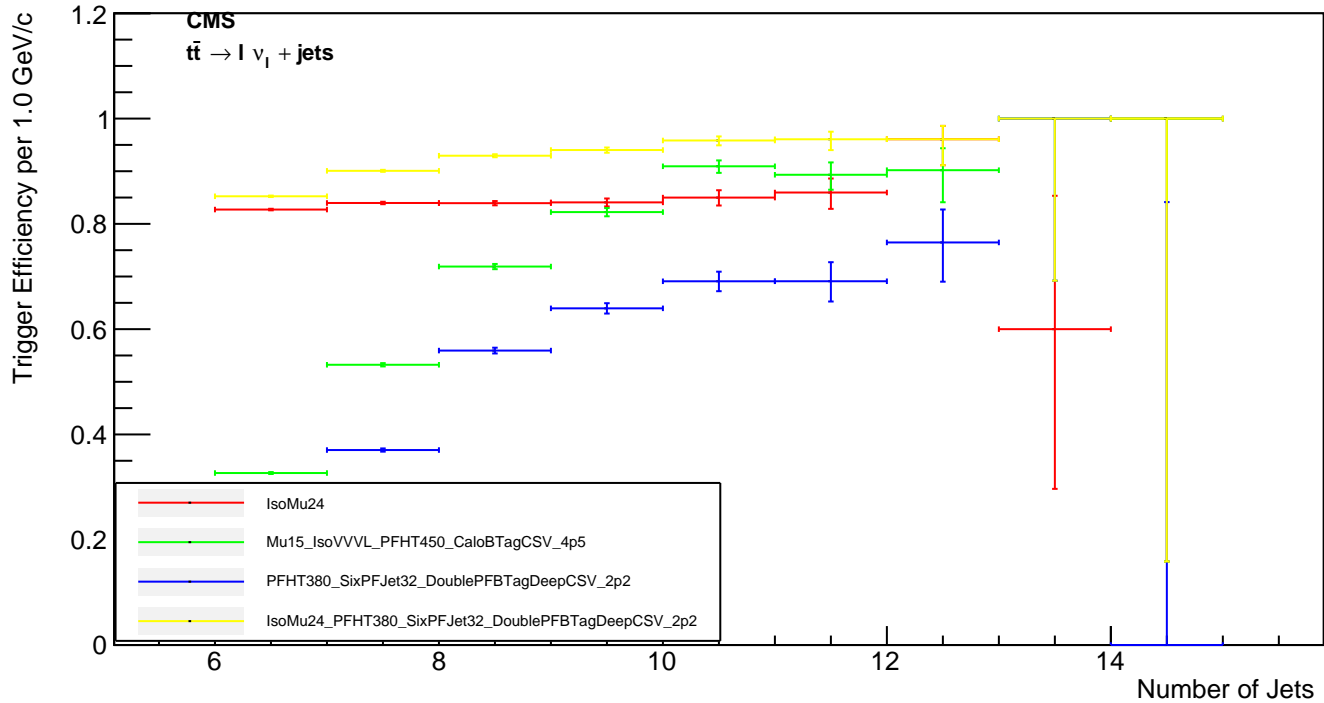
CMS
 $t\bar{t} \rightarrow l \nu_l + \text{jets}$



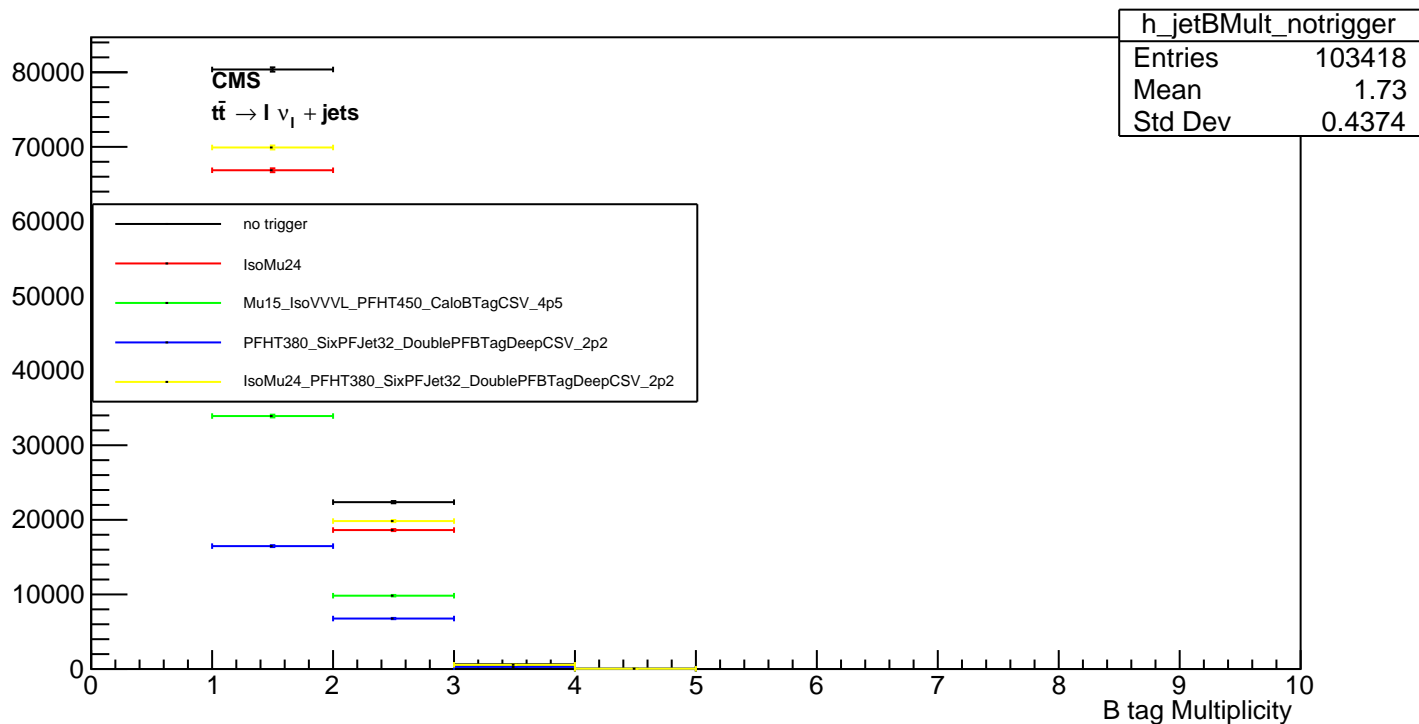


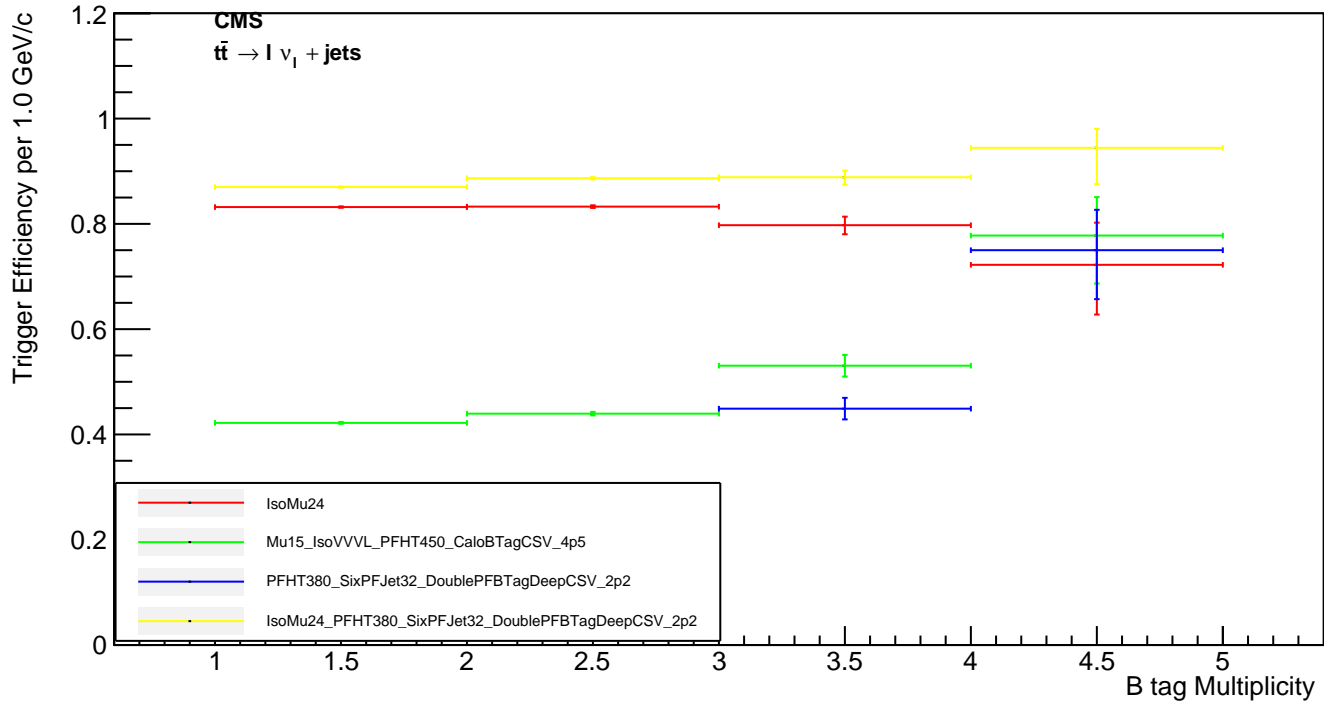
Number of Events per Number of Jets



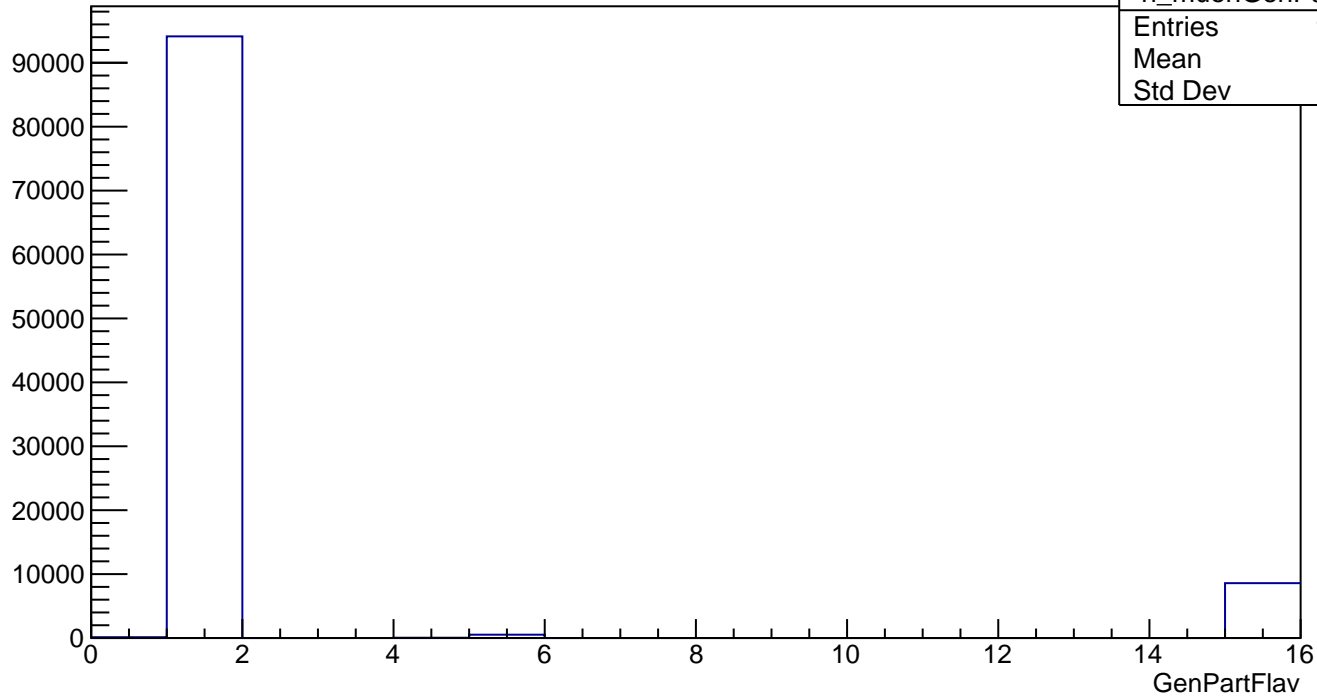


Number of Events per Number of Jets



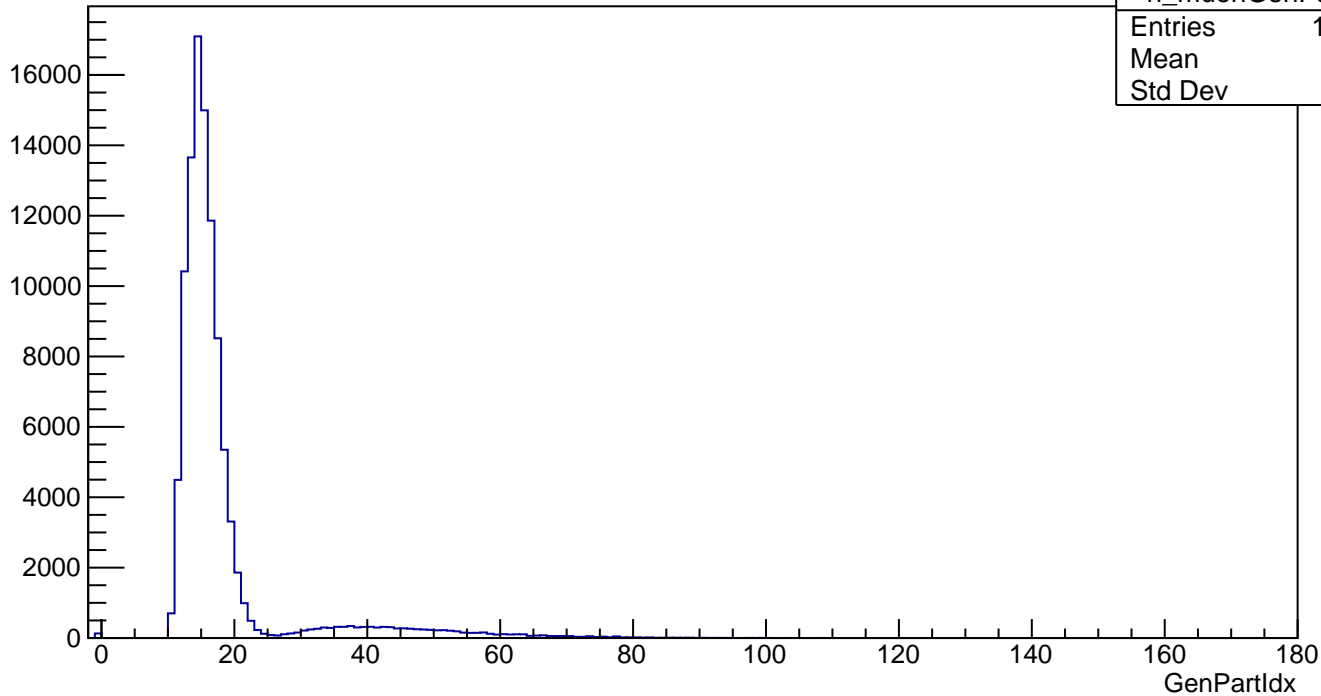


Number of events

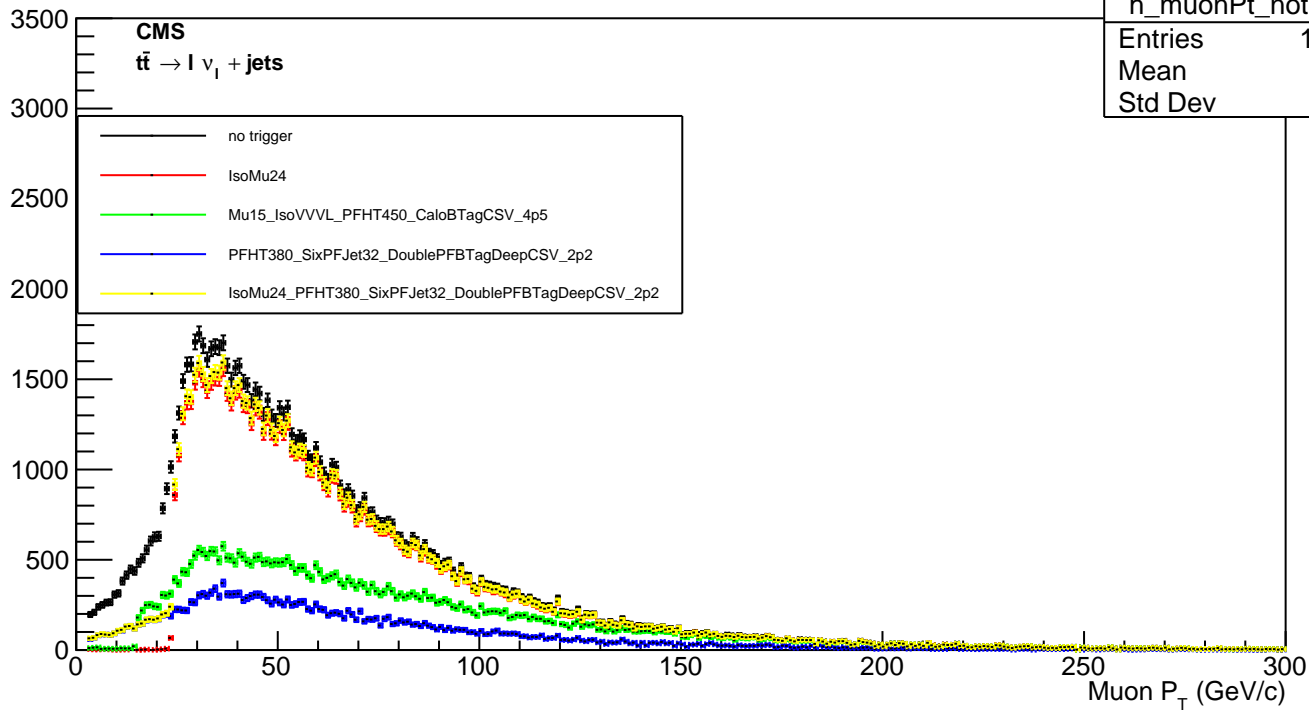


h_muonGenPartFlav	
Entries	103418
Mean	2.183
Std Dev	3.868

Number of events

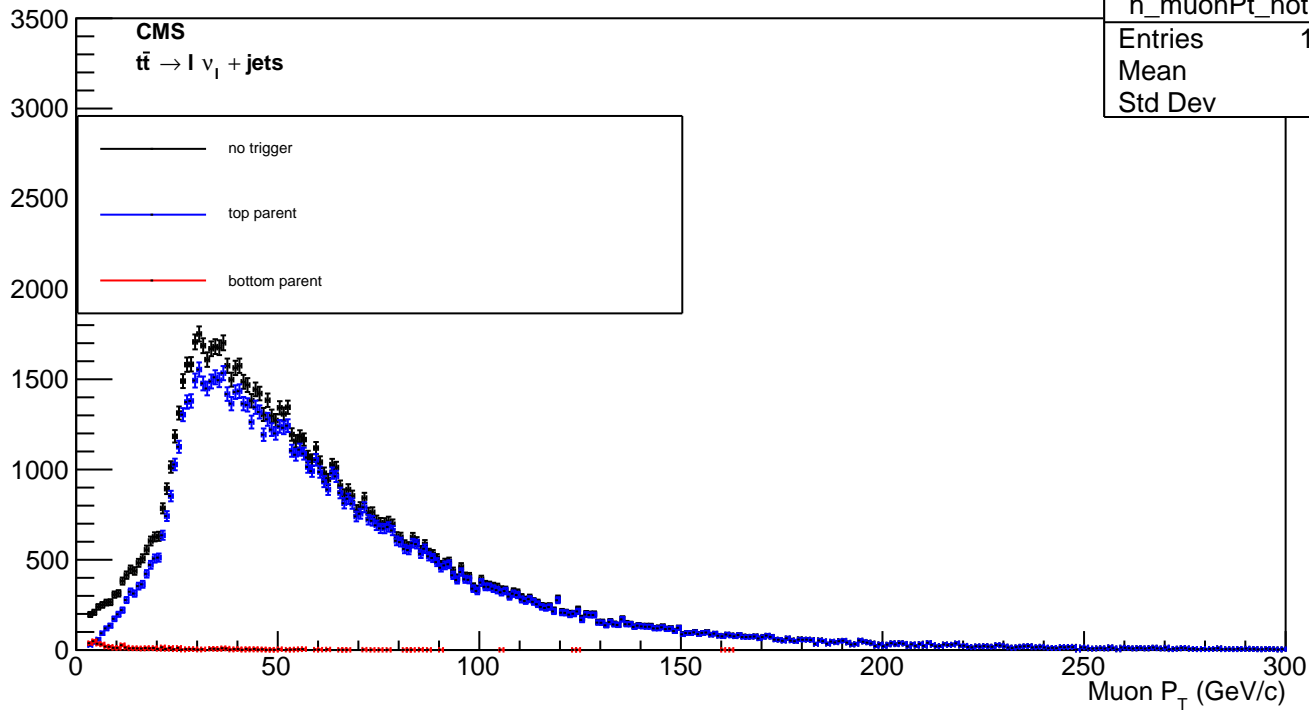


Number of Events per 1 GeV/c

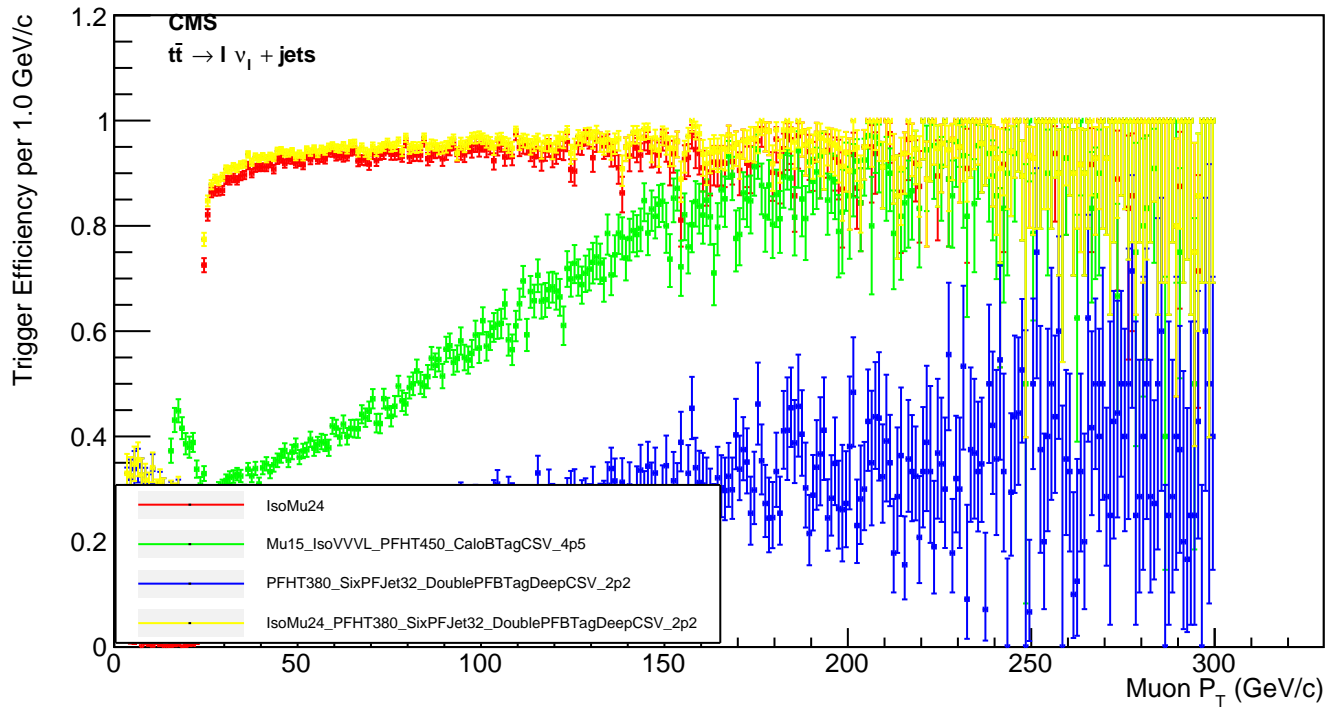


h_muonPt_notrigger	
Entries	103418
Mean	62.86
Std Dev	41.75

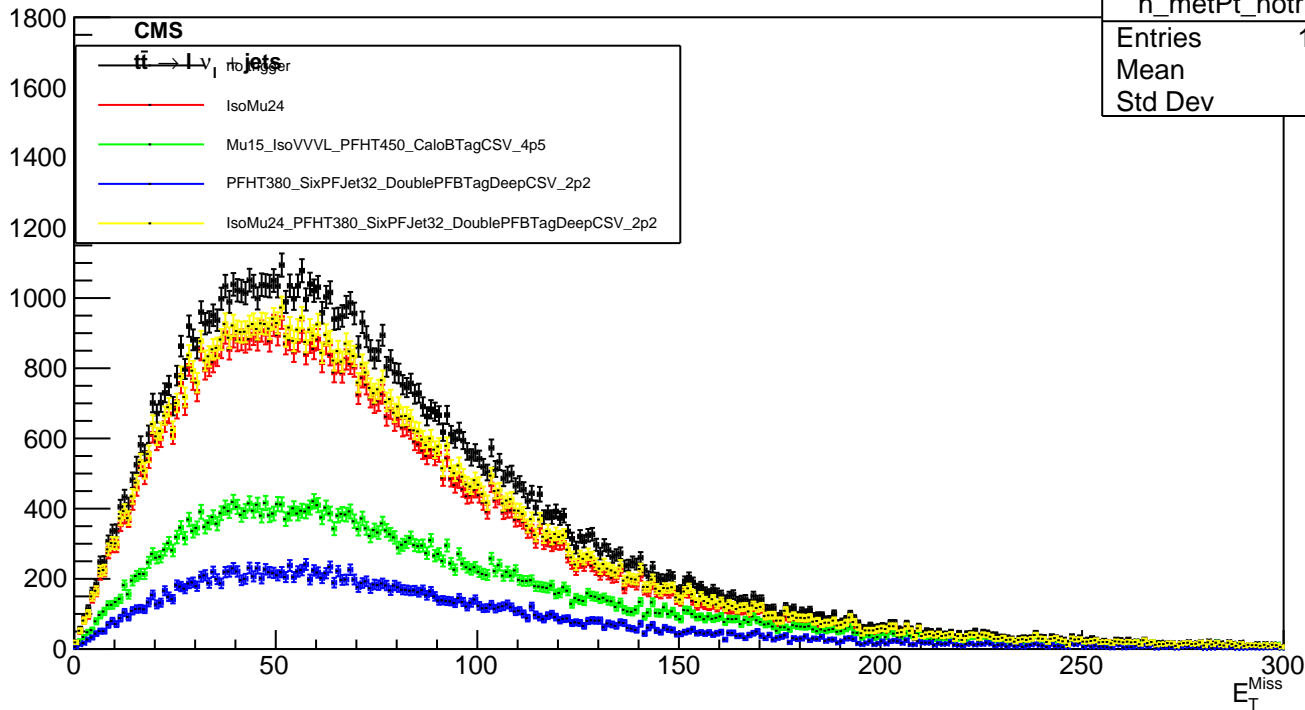
Number of Events per 1 GeV/c



h_muonPt_notrigger	
Entries	103418
Mean	62.86
Std Dev	41.75

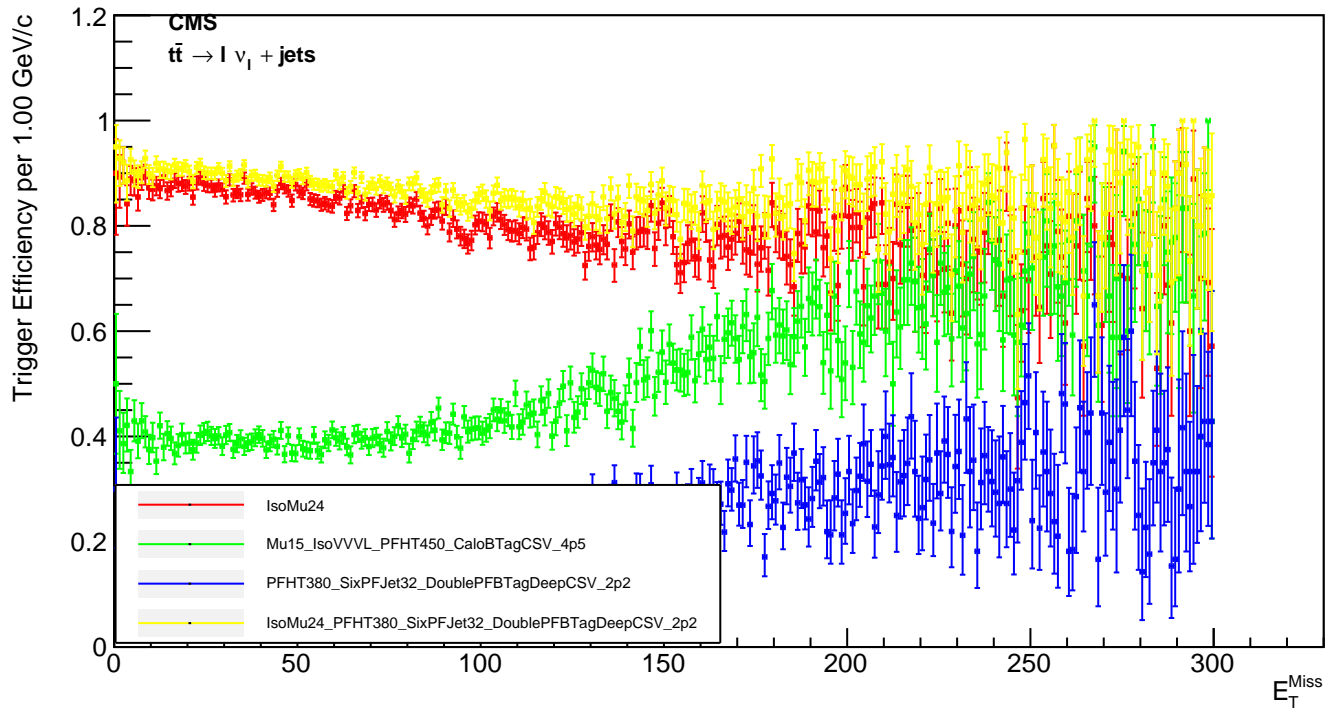


Number of Events per 1 GeV/c

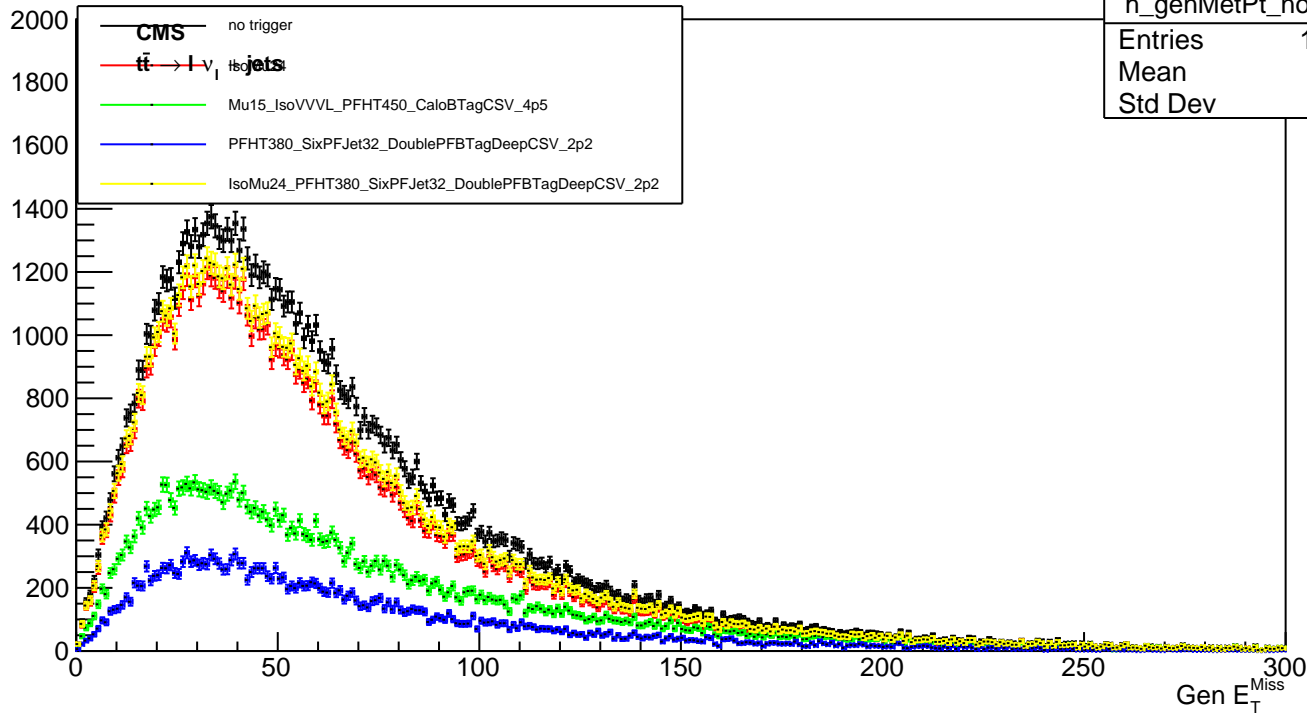


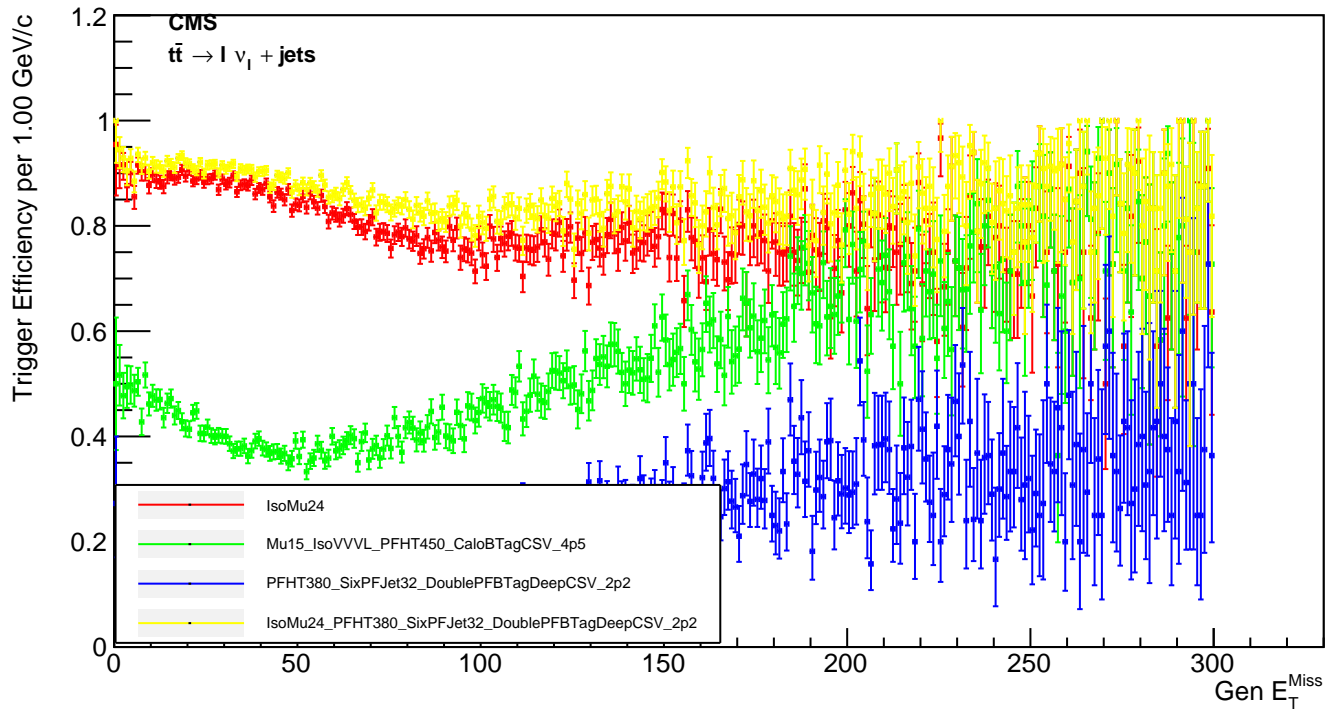
h_metPt_notrigger

Entries	103418
Mean	77.31
Std Dev	49.81

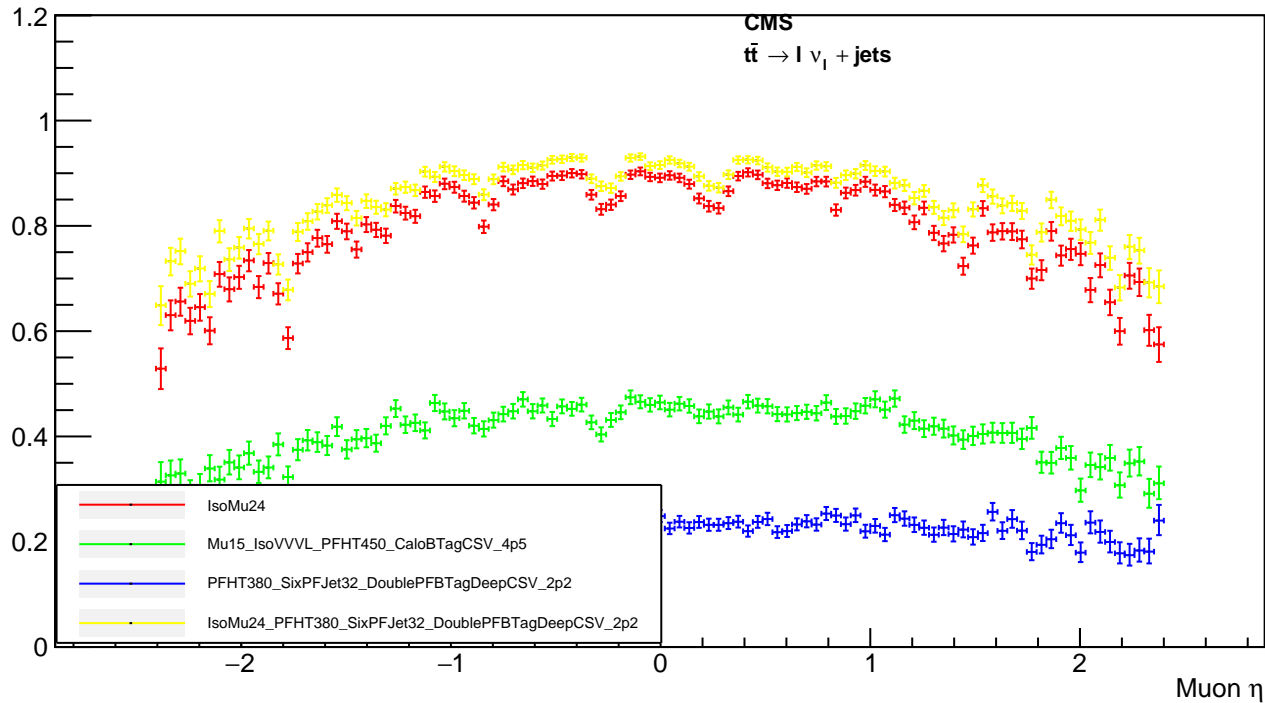


Number of Events per 1GeV/c

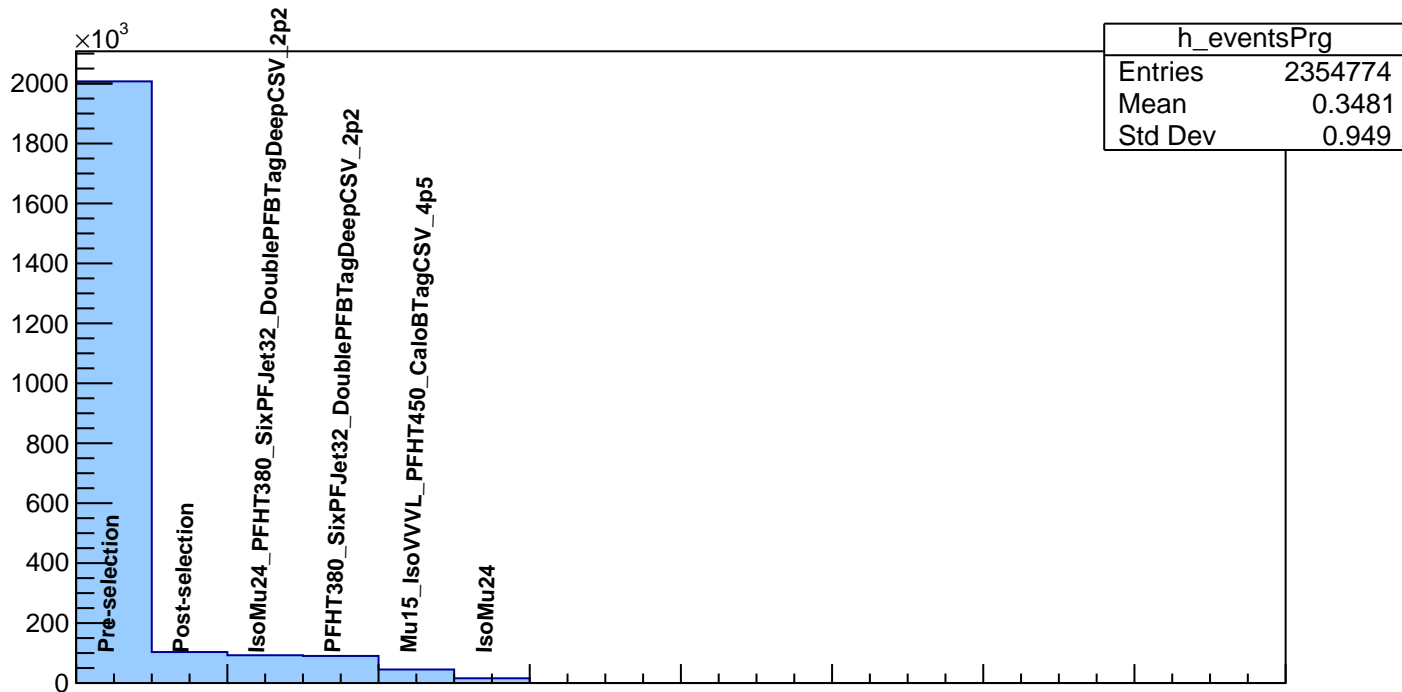




Trigger Efficiency per 0.0466666666666667 GeV/c



Total Number of Accepted Events



Cuts and Triggers

h_eventsPrg	
Entries	2354774
Mean	0.3481
Std Dev	0.949