

On-line (pre-)selection Requisites for:

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

Event Limit: None (see last page)

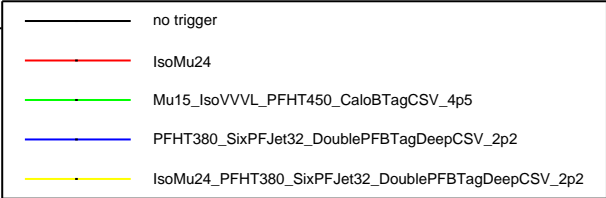
Off-line (post-)selection Requisites for:

- **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)

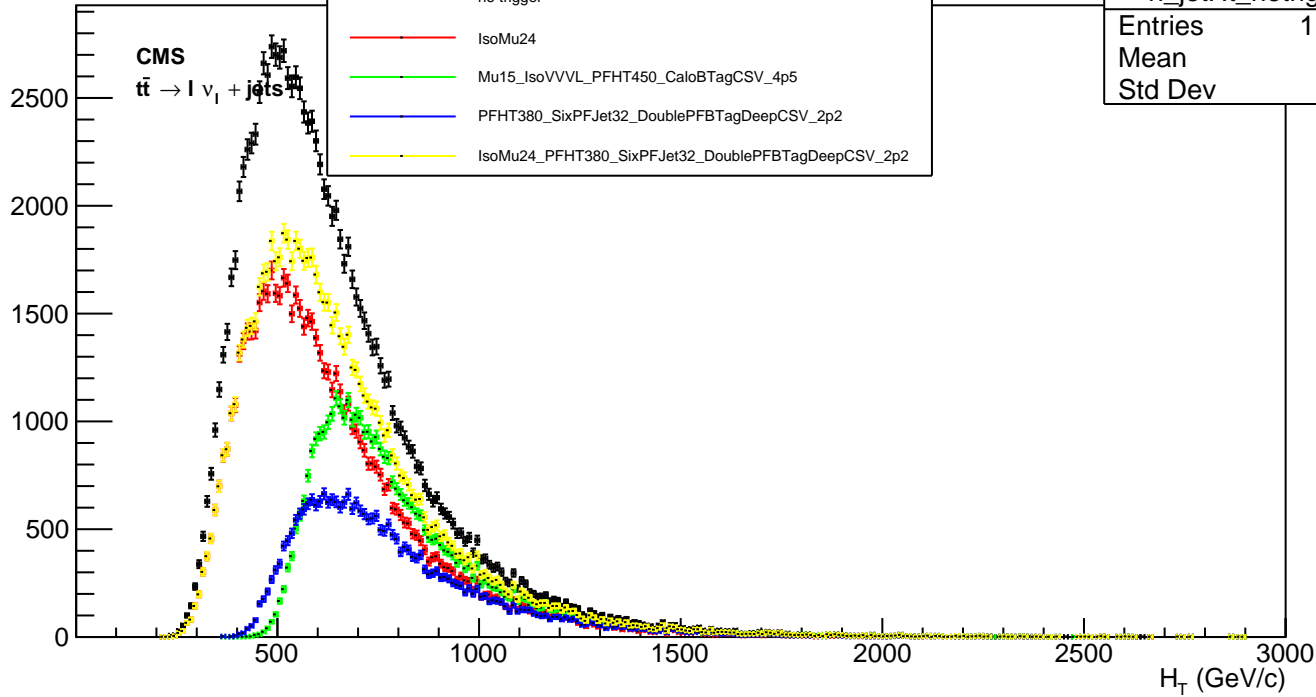
Number of Events per 10 GeV/c

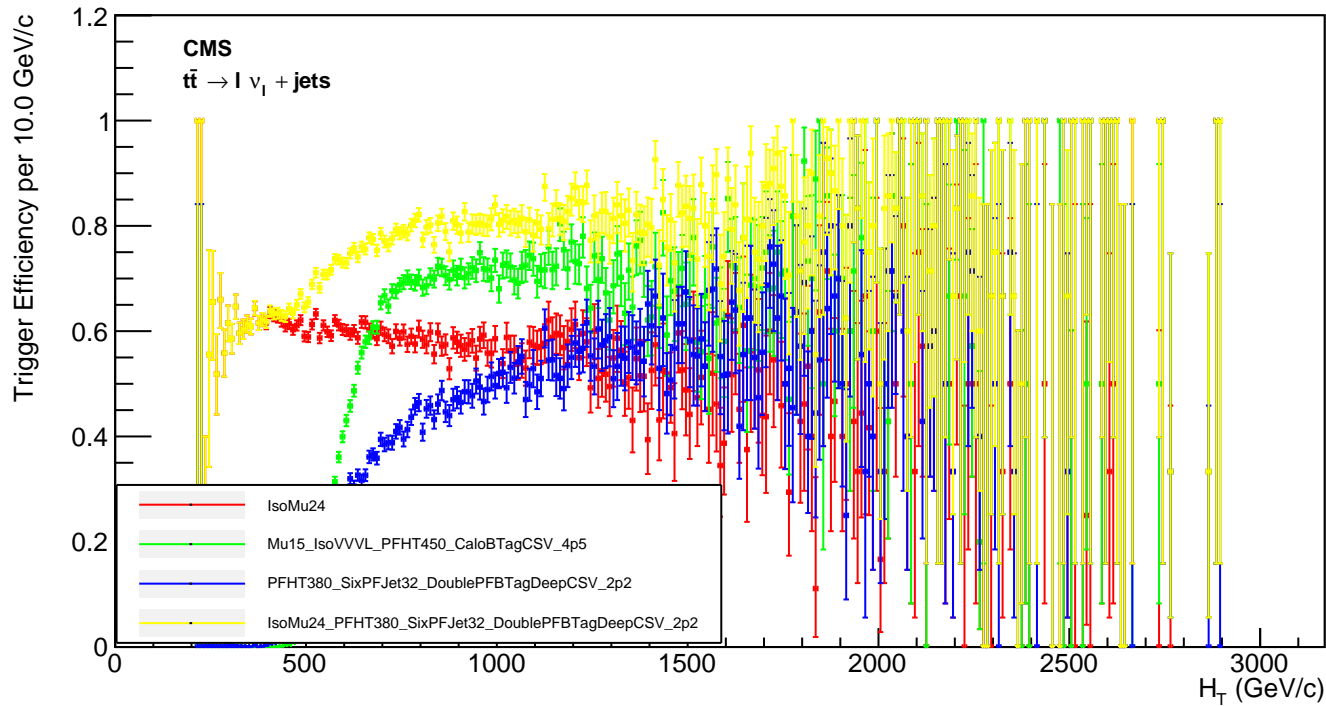
CMS

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

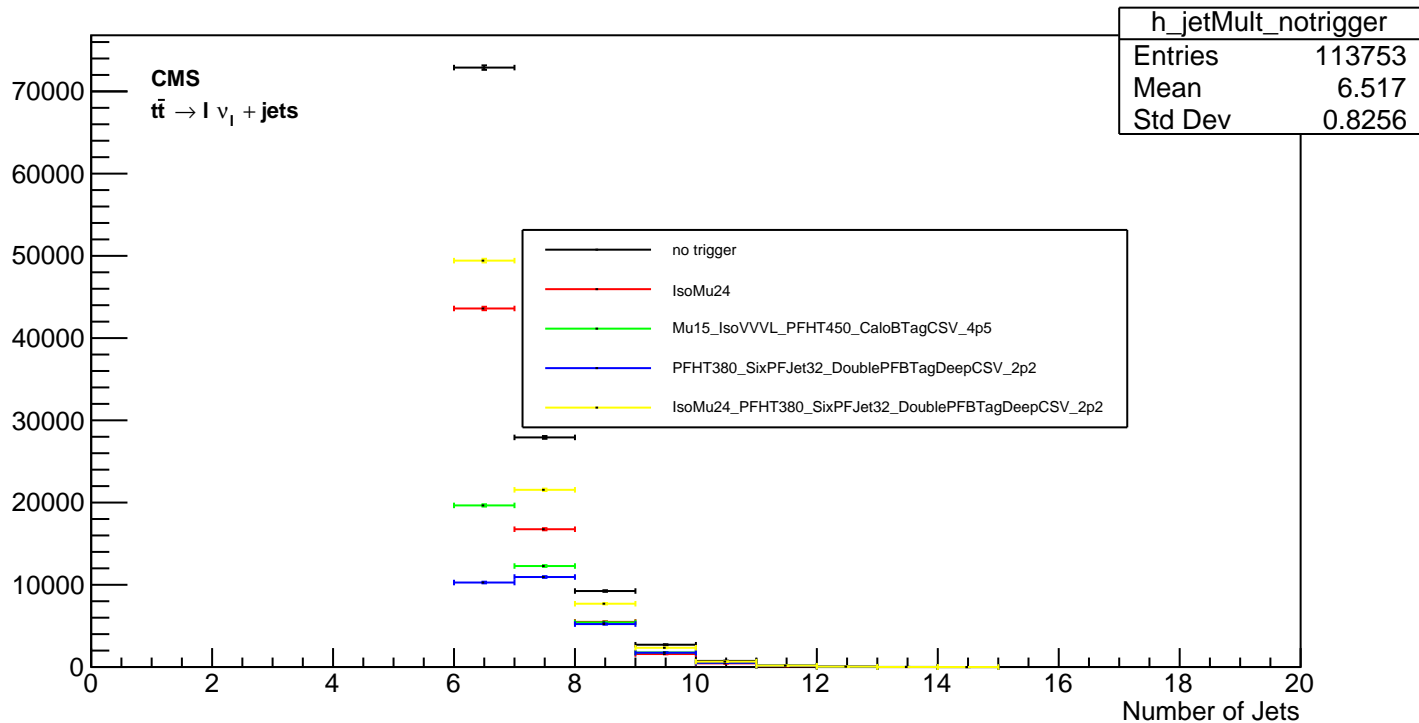


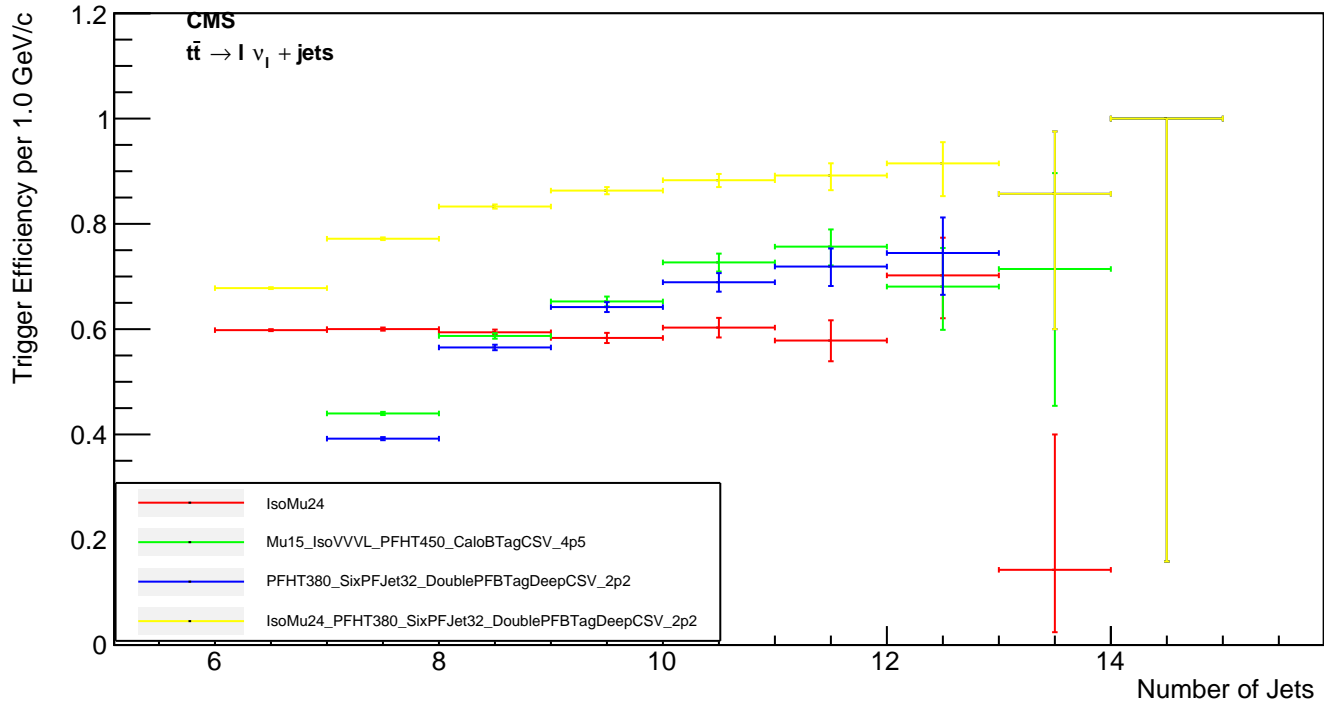
h_jetHt_notrigger	
Entries	113753
Mean	640.1
Std Dev	242.7



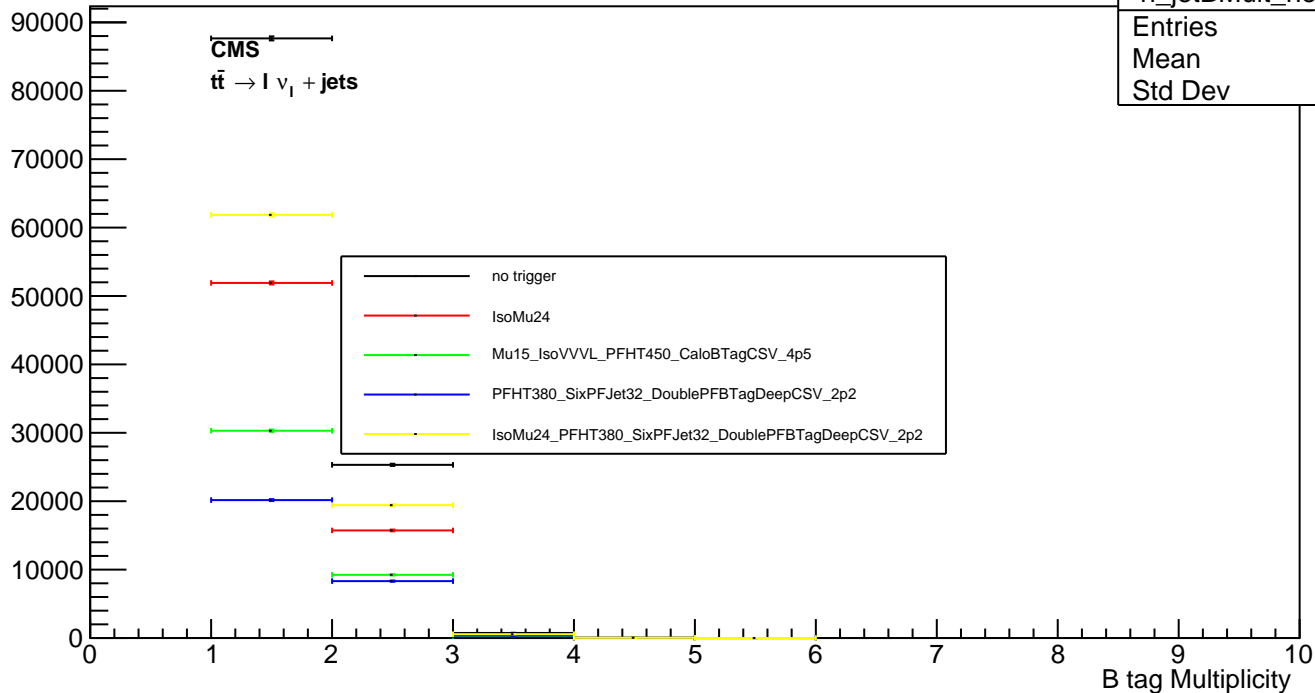


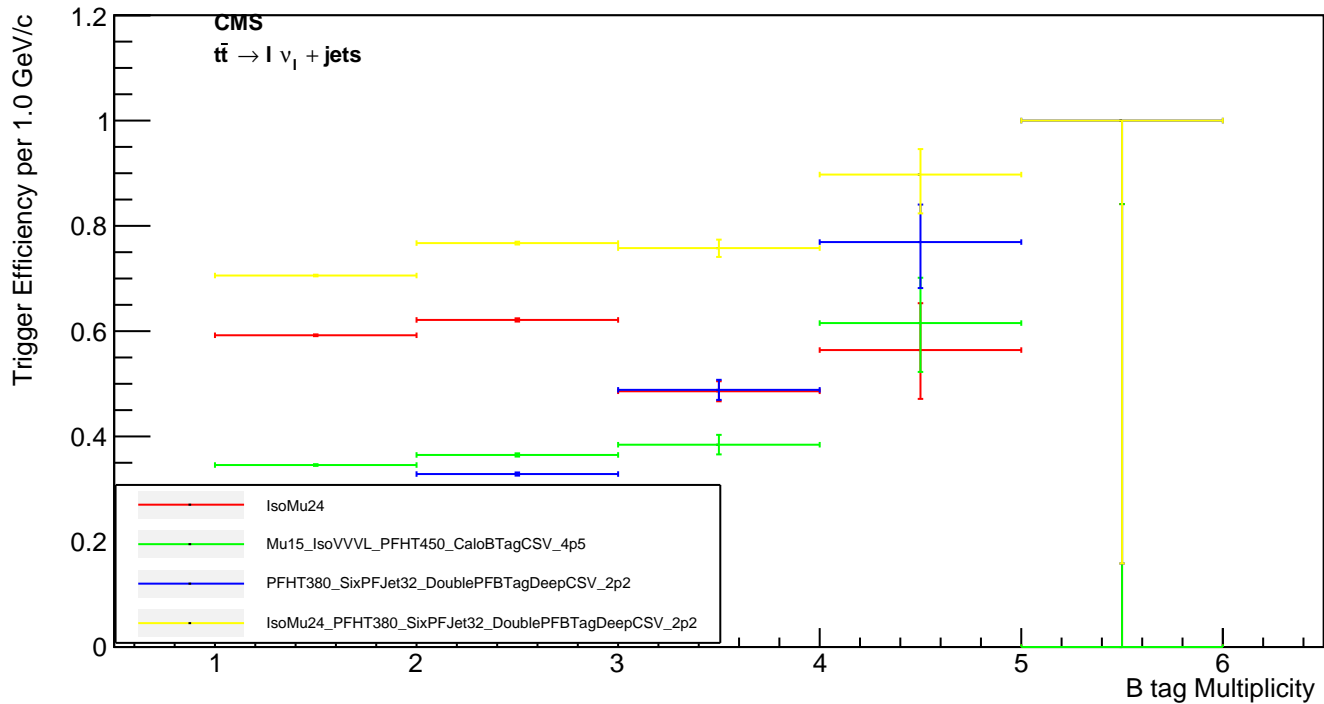
Number of Events per Number of Jets



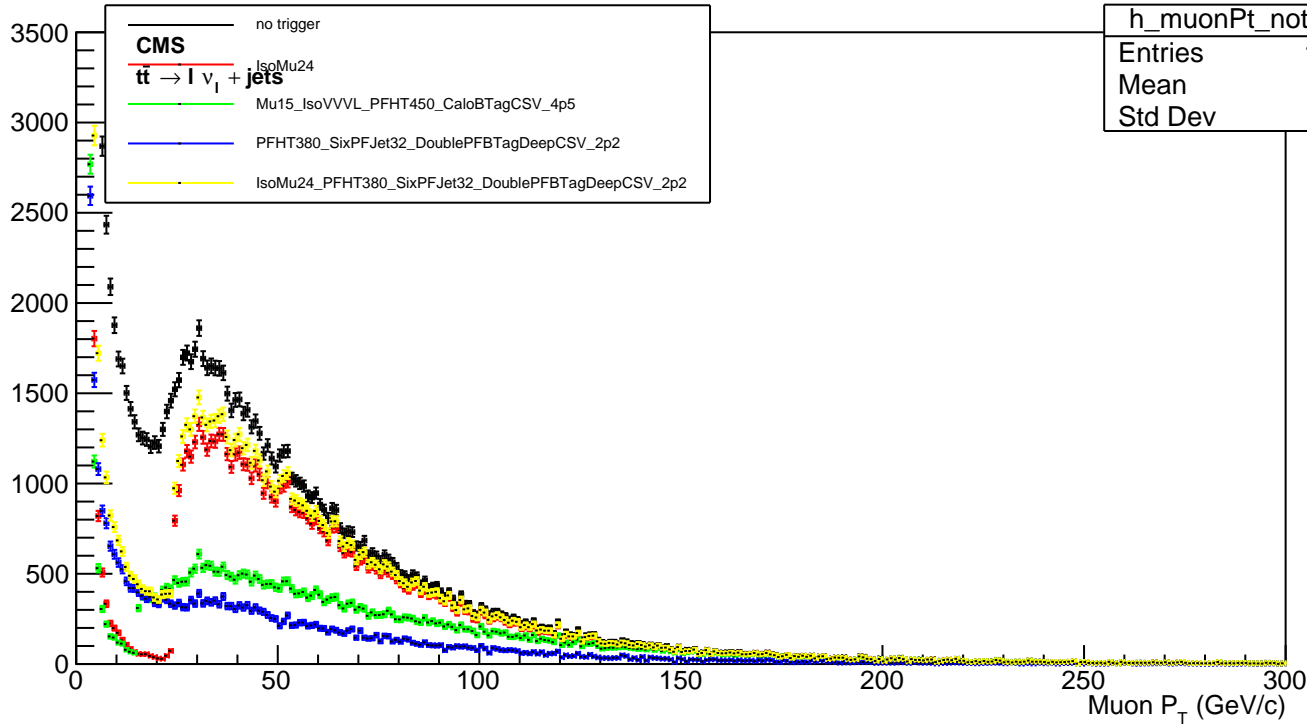


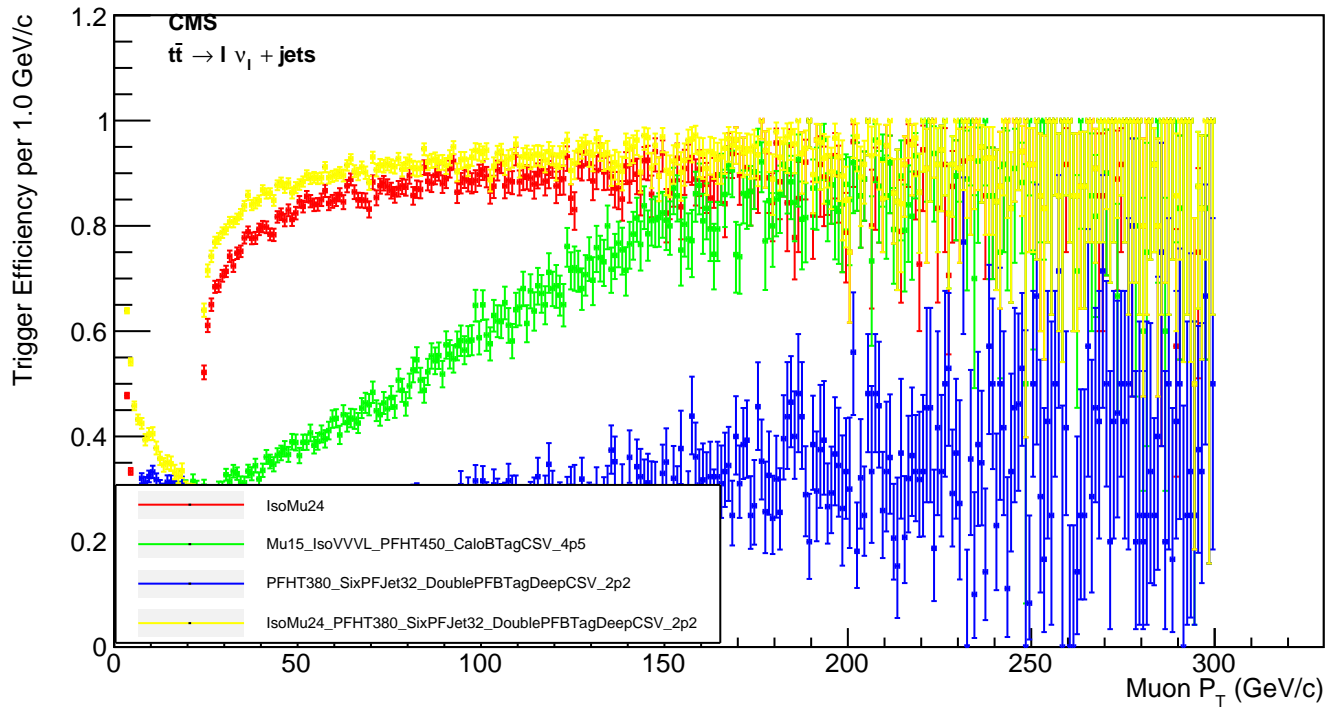
Number of Events per Number of Jets



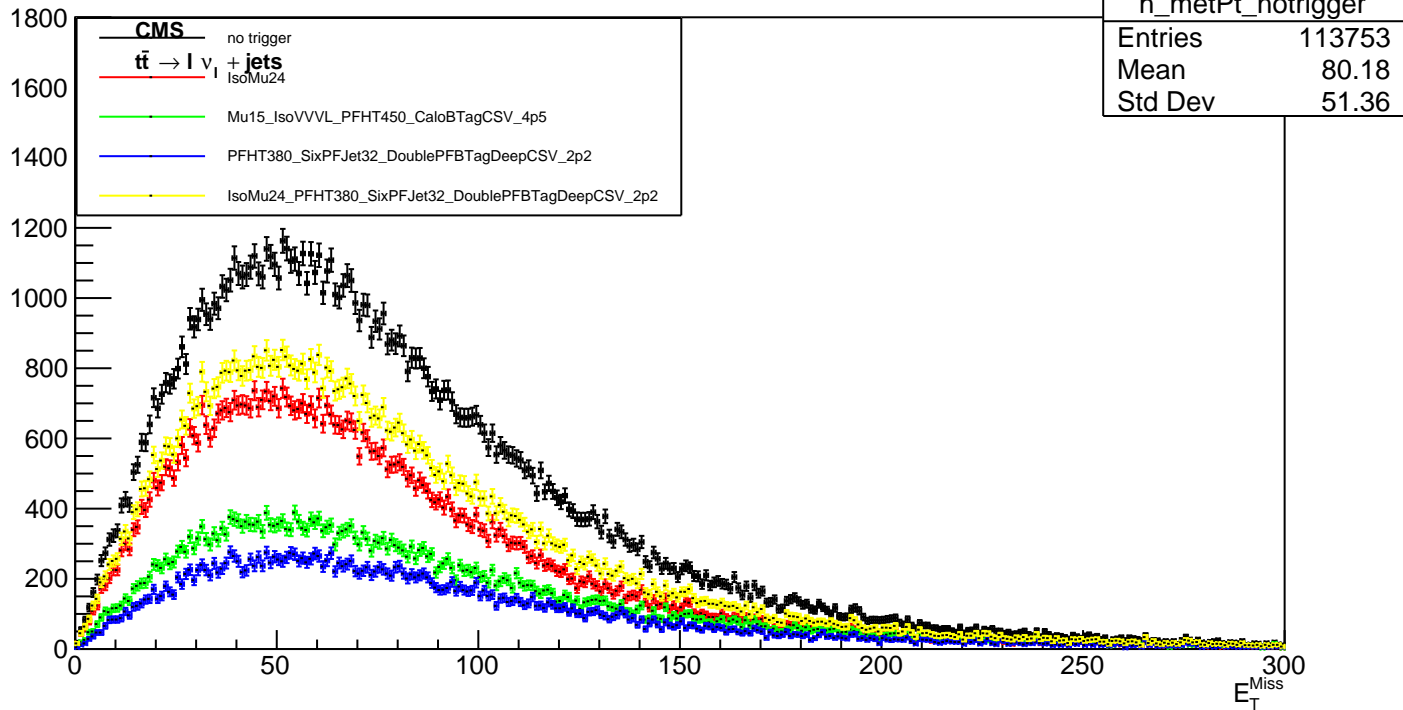


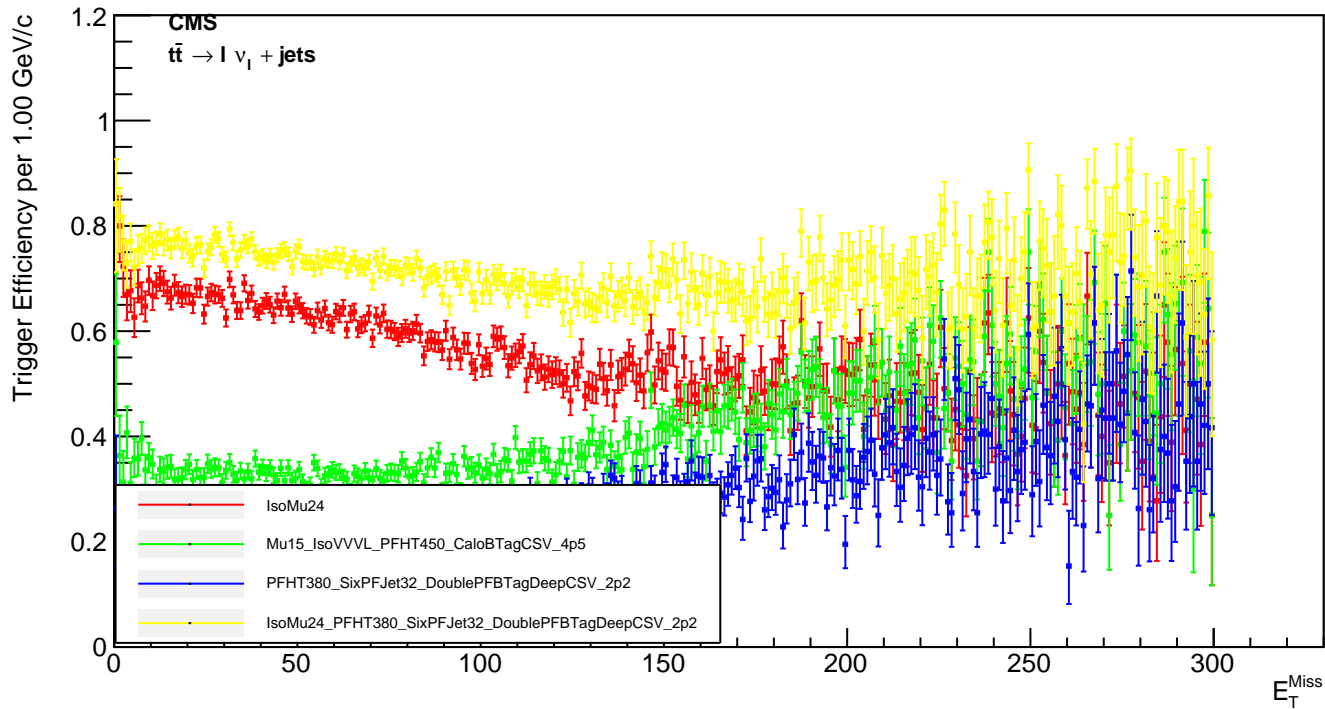
Number of Events per 1 GeV/c



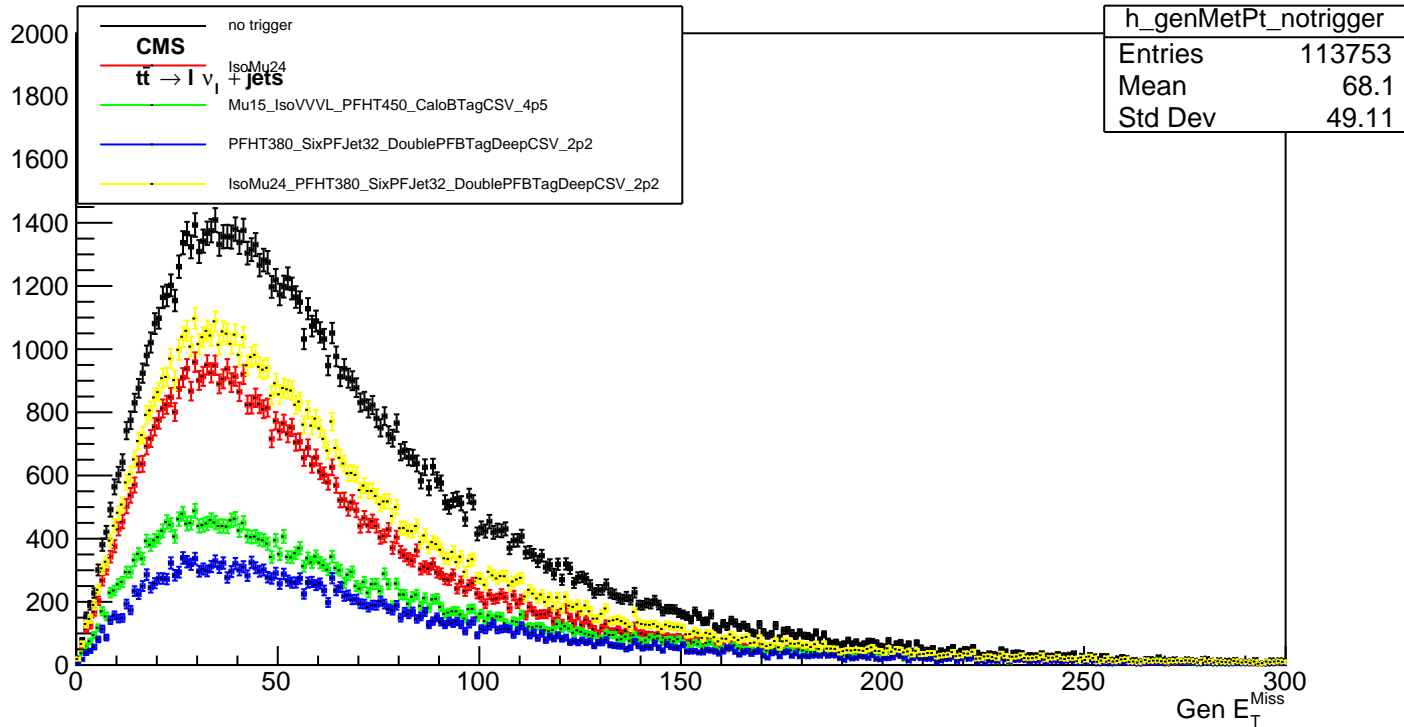


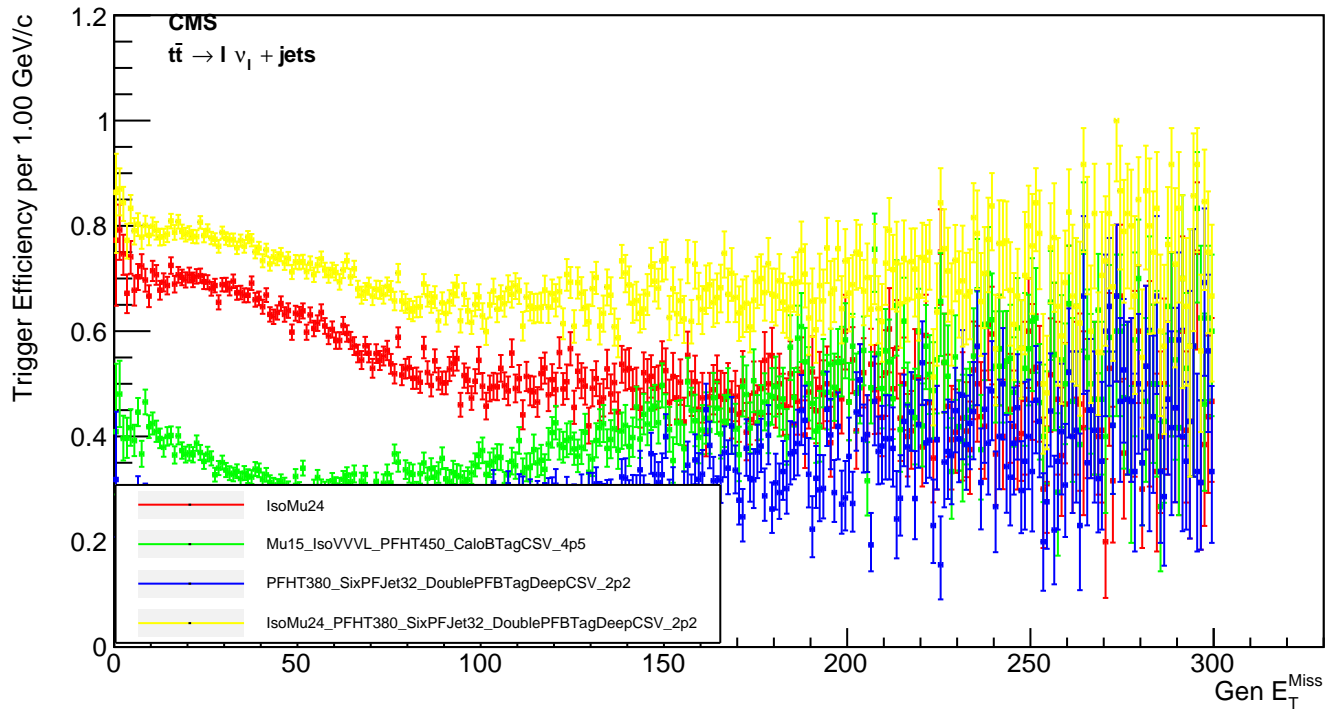
Number of Events per 1 GeV/c



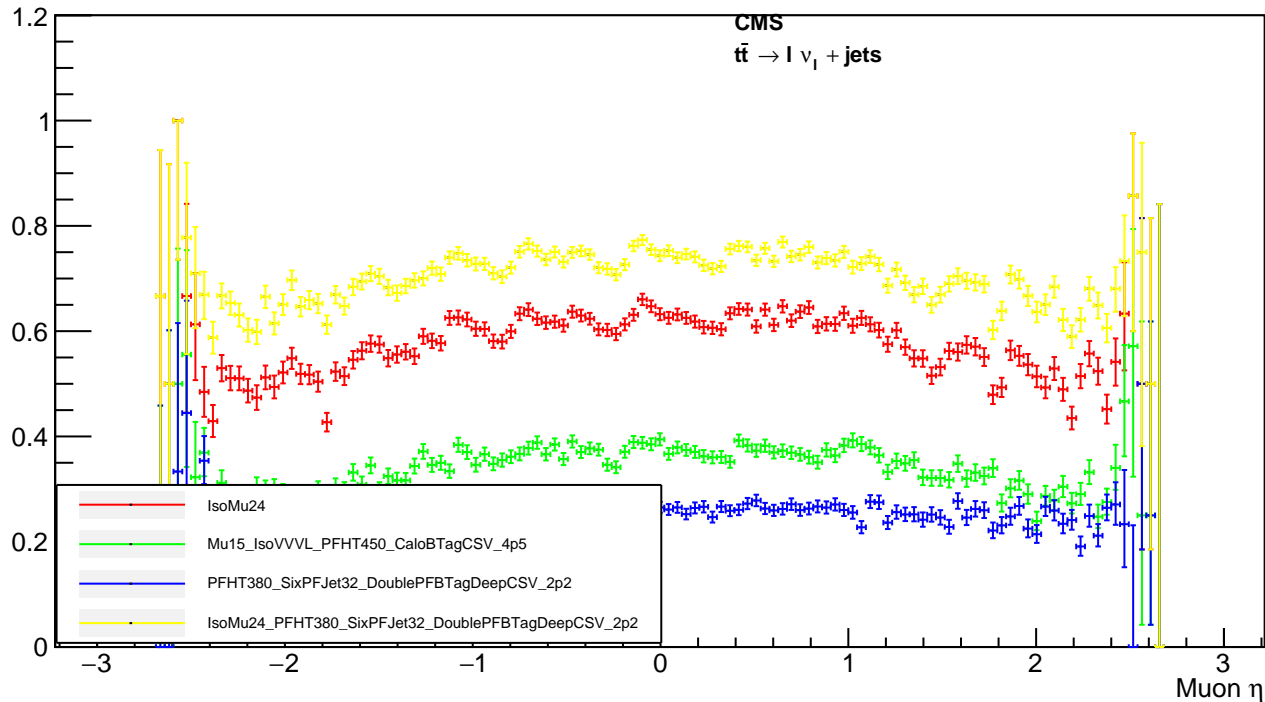


Number of Events per 1GeV/c

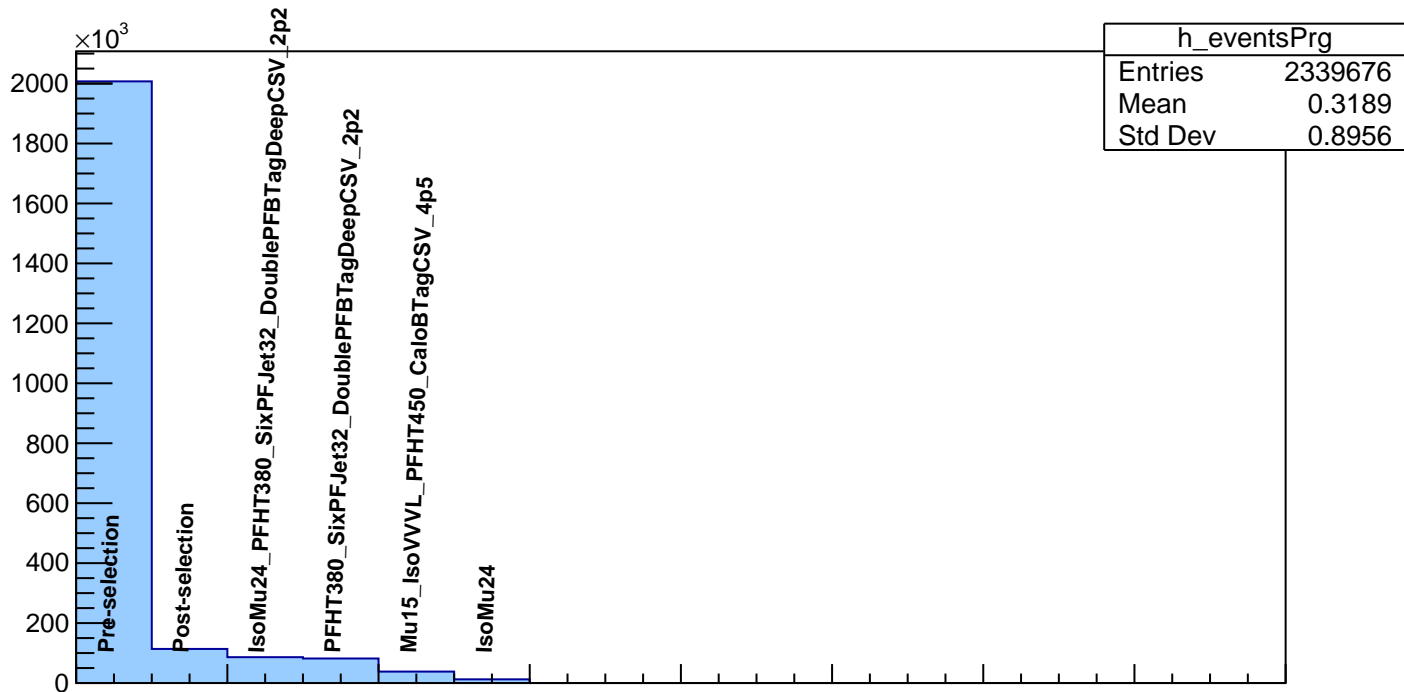




Trigger Efficiency per 0.04666666666666667 GeV/c



Total Number of Accepted Events



Cuts and Triggers