

On-line (pre-)selection Requisites for:

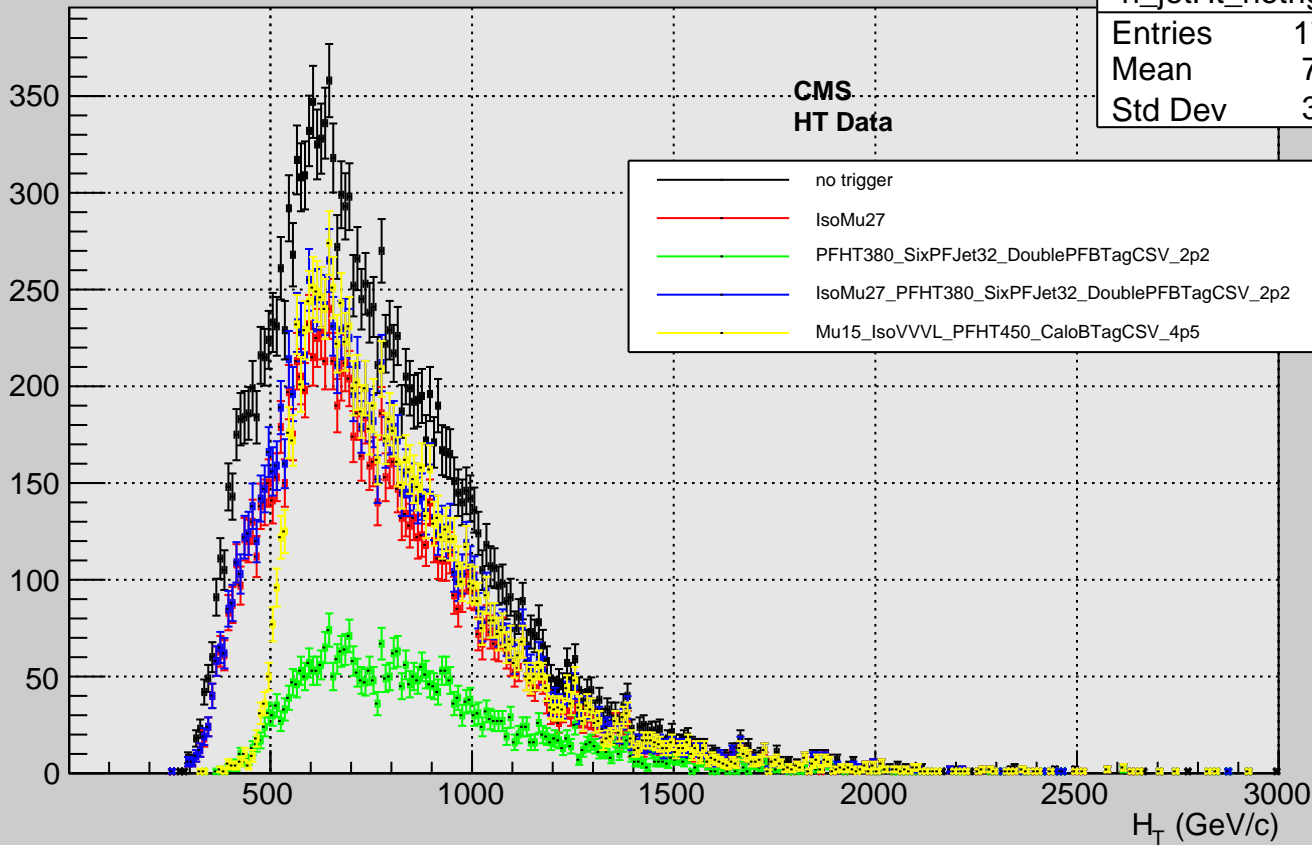
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

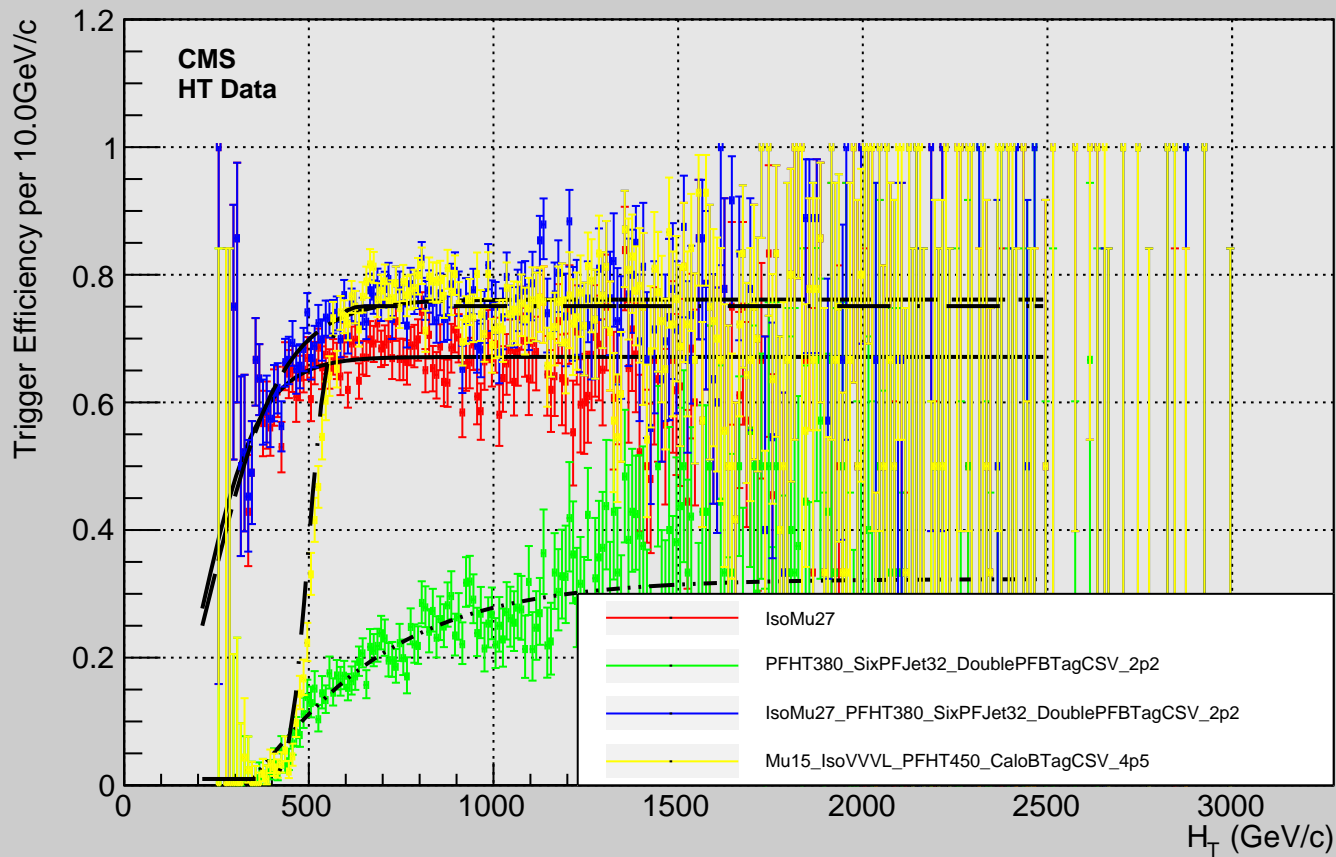
Event Limit: None (see last page)

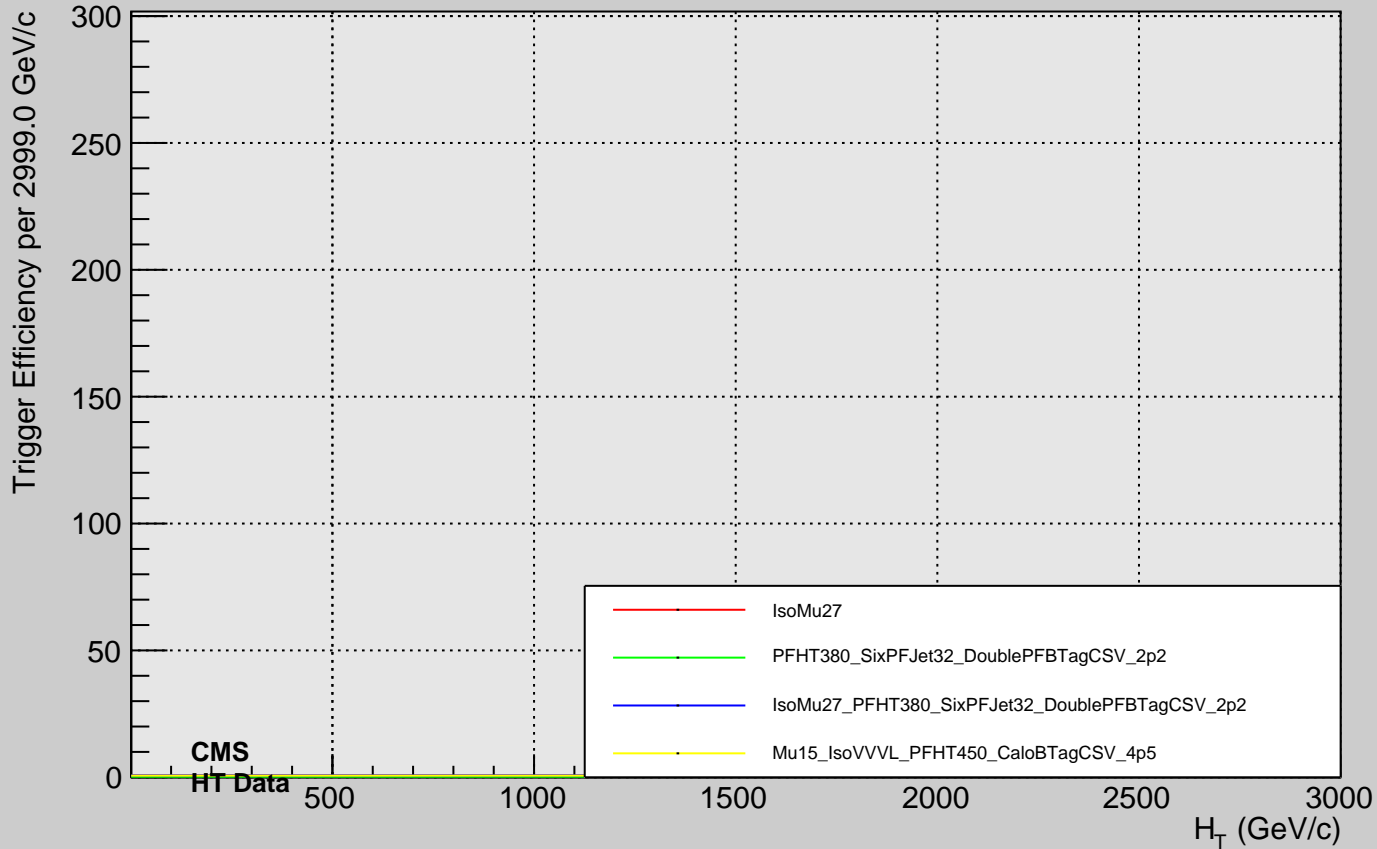
Off-line (post-)selection Requisites for:

- **Jets:** $\text{jetId} > 2$, $p_T > 30$ 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)

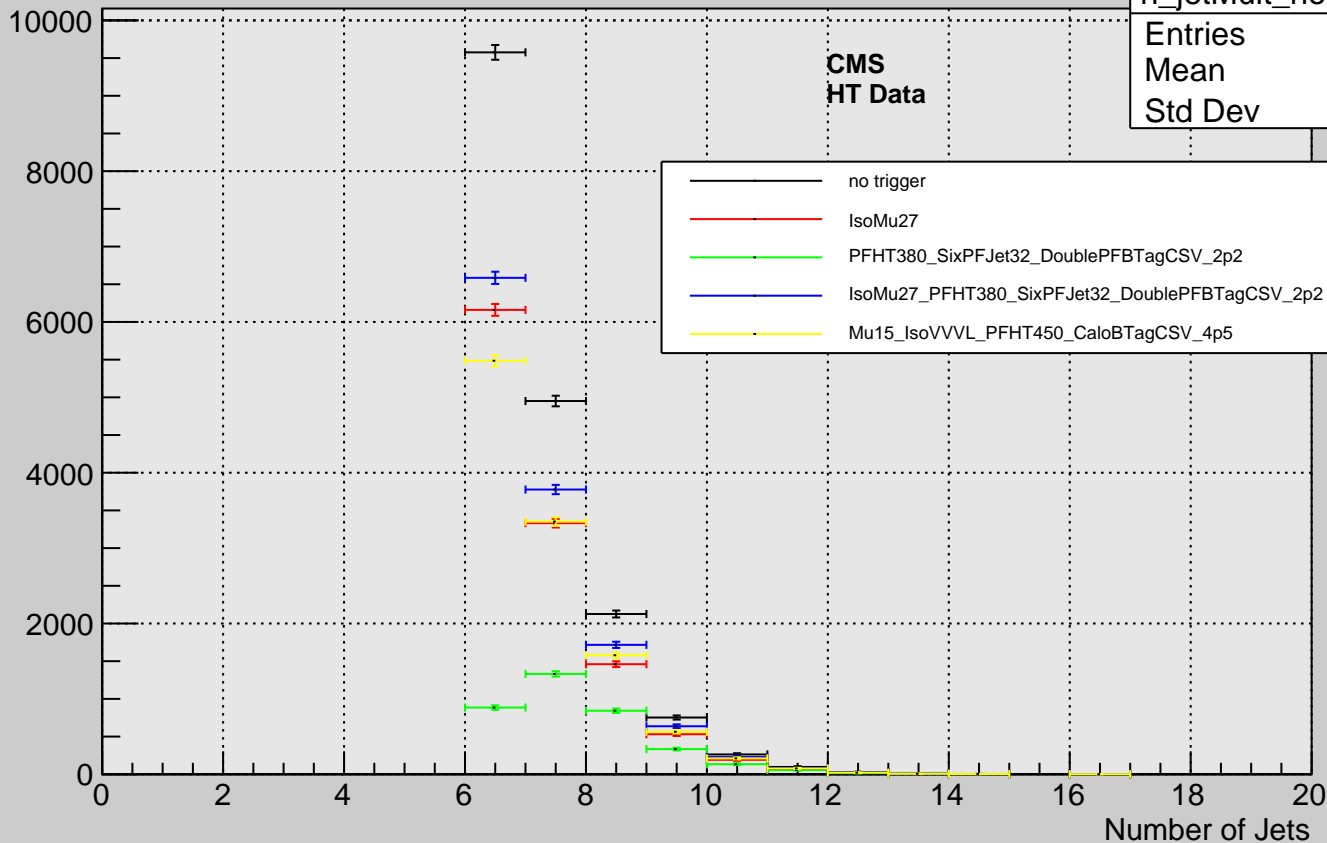
Number of Events per 10 GeV/c



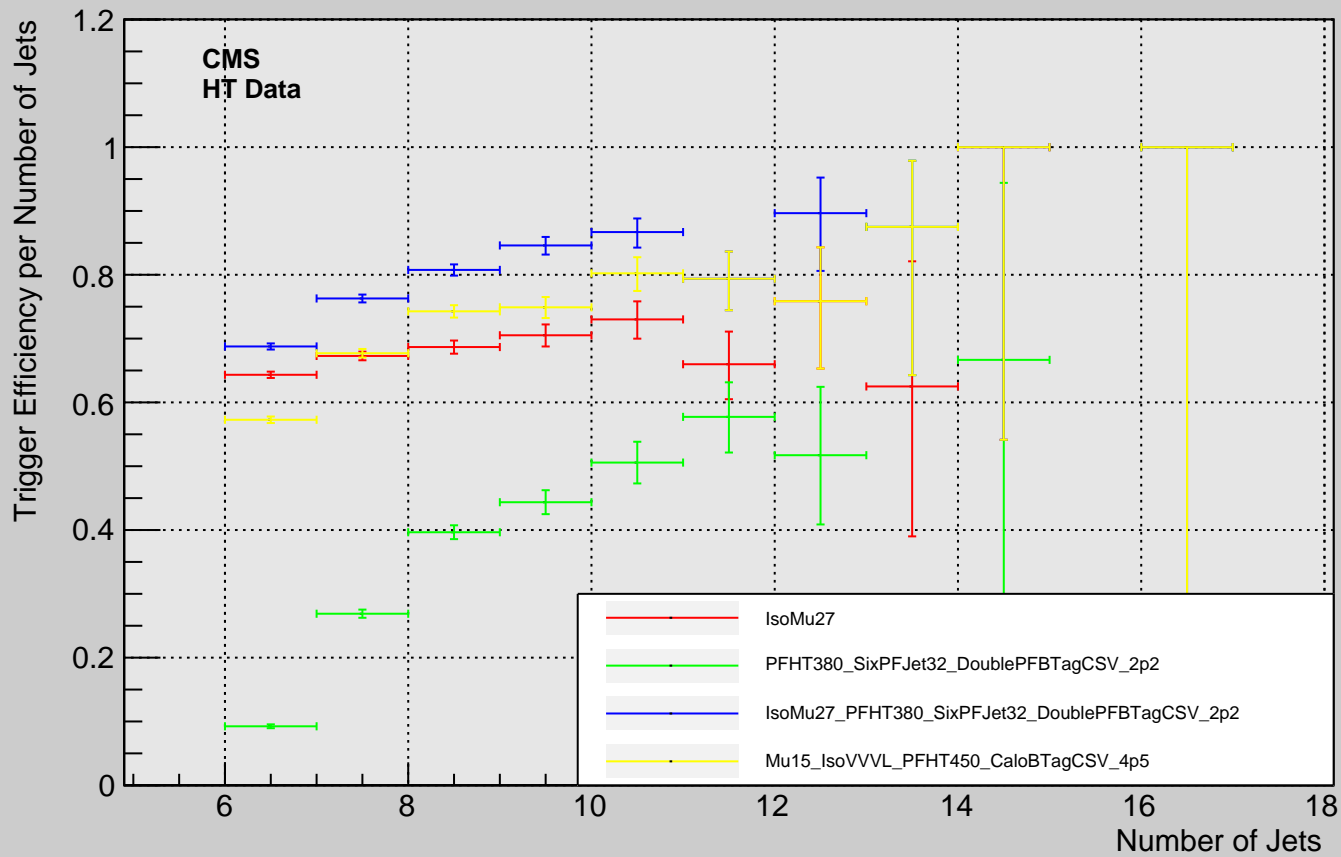




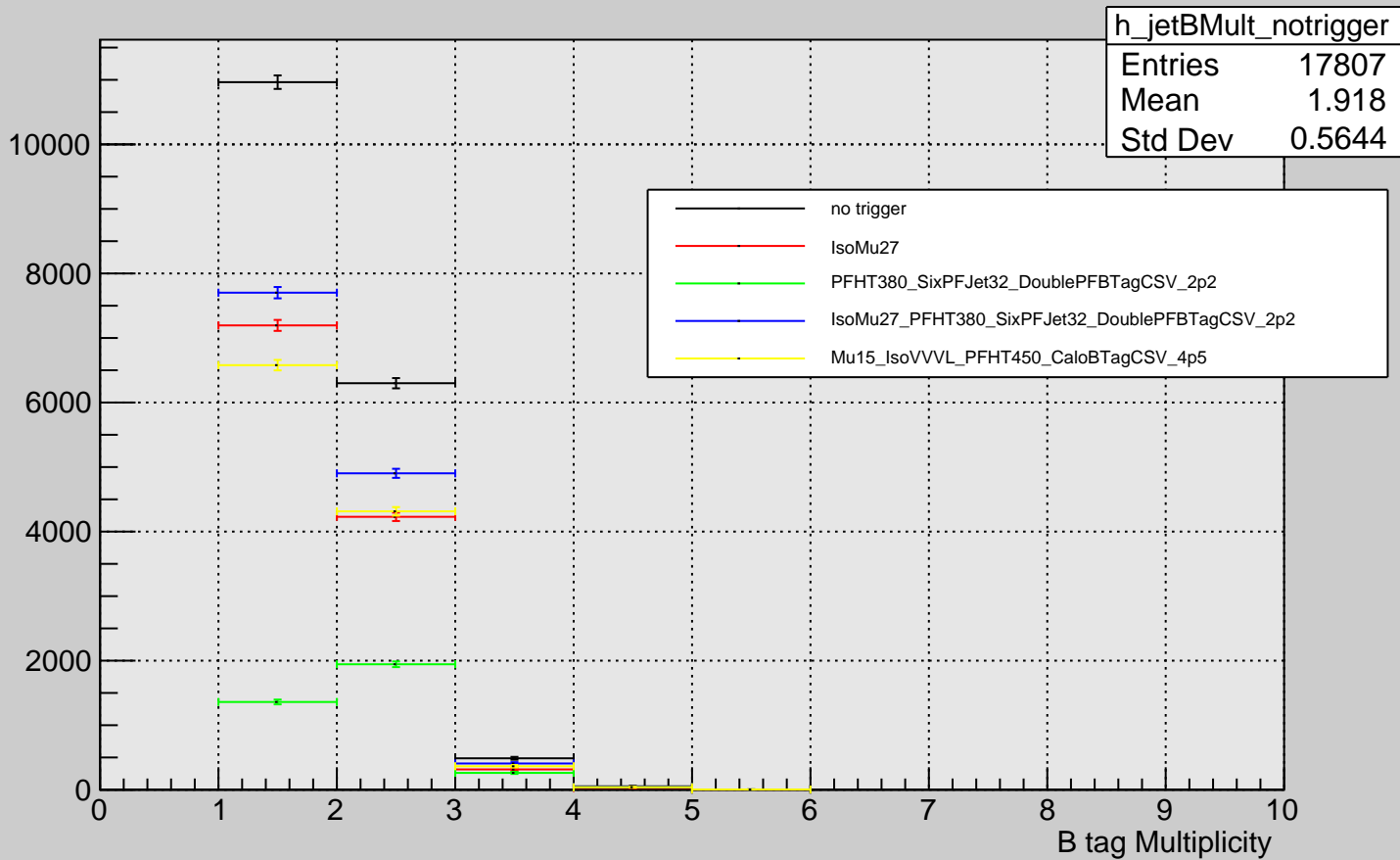
Number of Events per Number of Jets

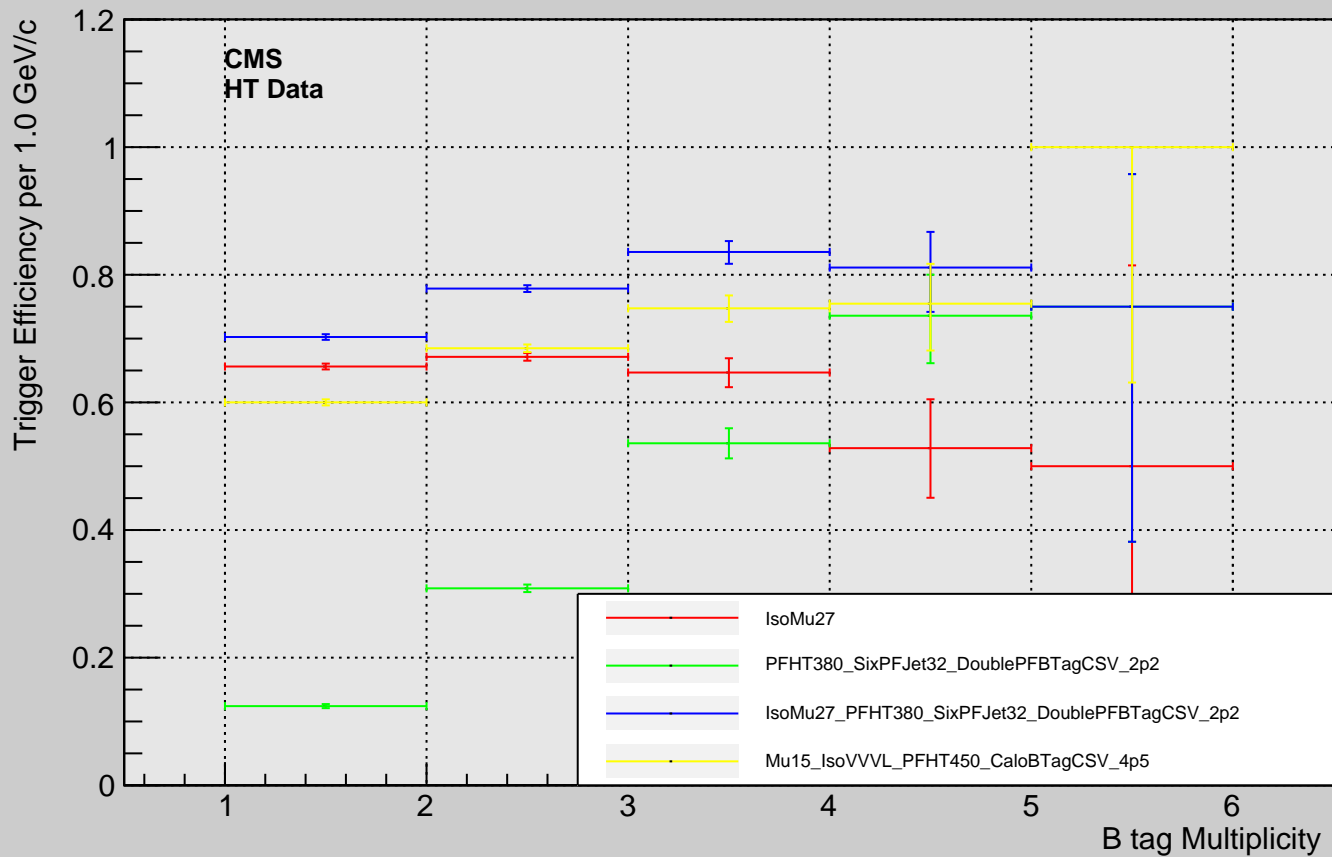


h_jetMult_notrigger	
Entries	17807
Mean	6.745
Std Dev	1.025

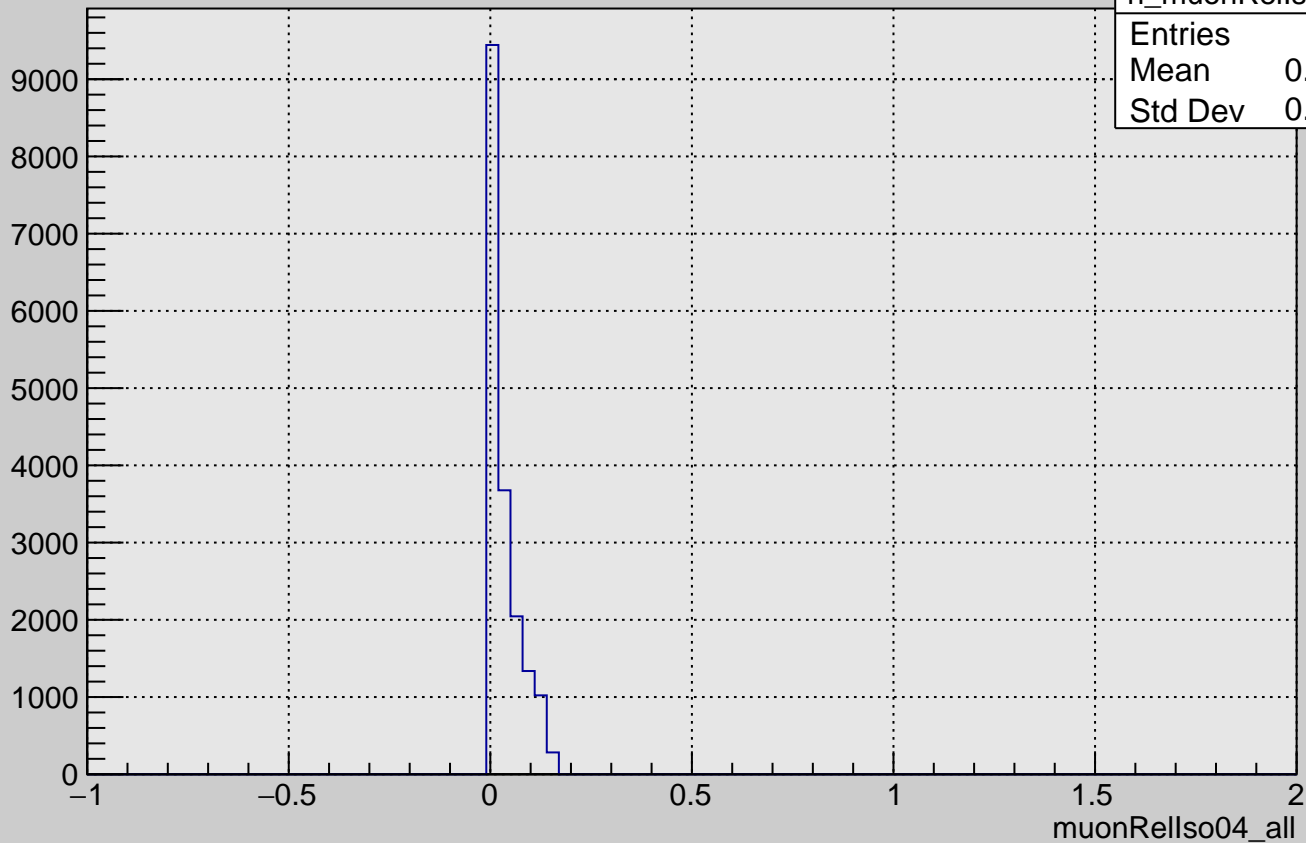


Number of Events per Number of Jets





Number of Events



Number of Events per 1 GeV/c

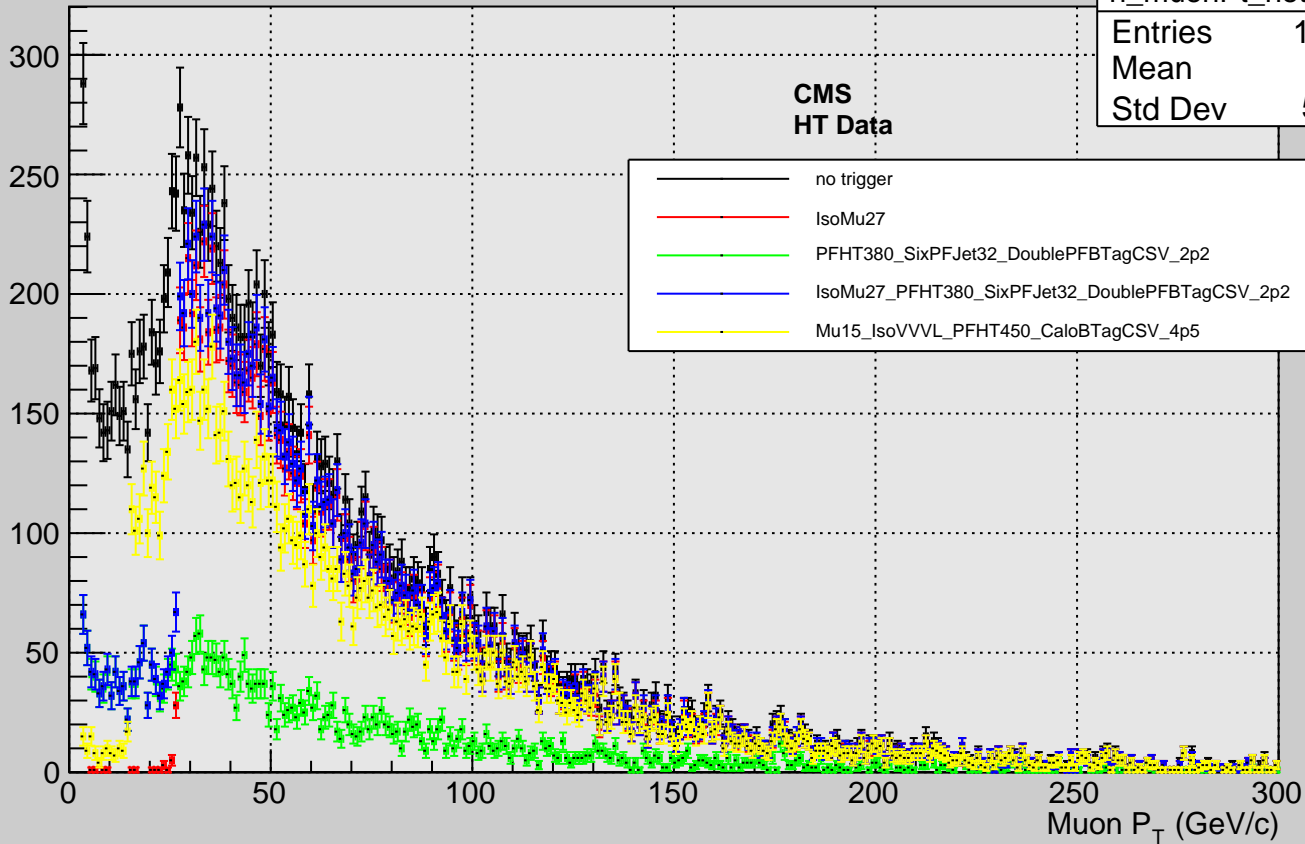
CMS
HT Data

h_muonPt_notrigger

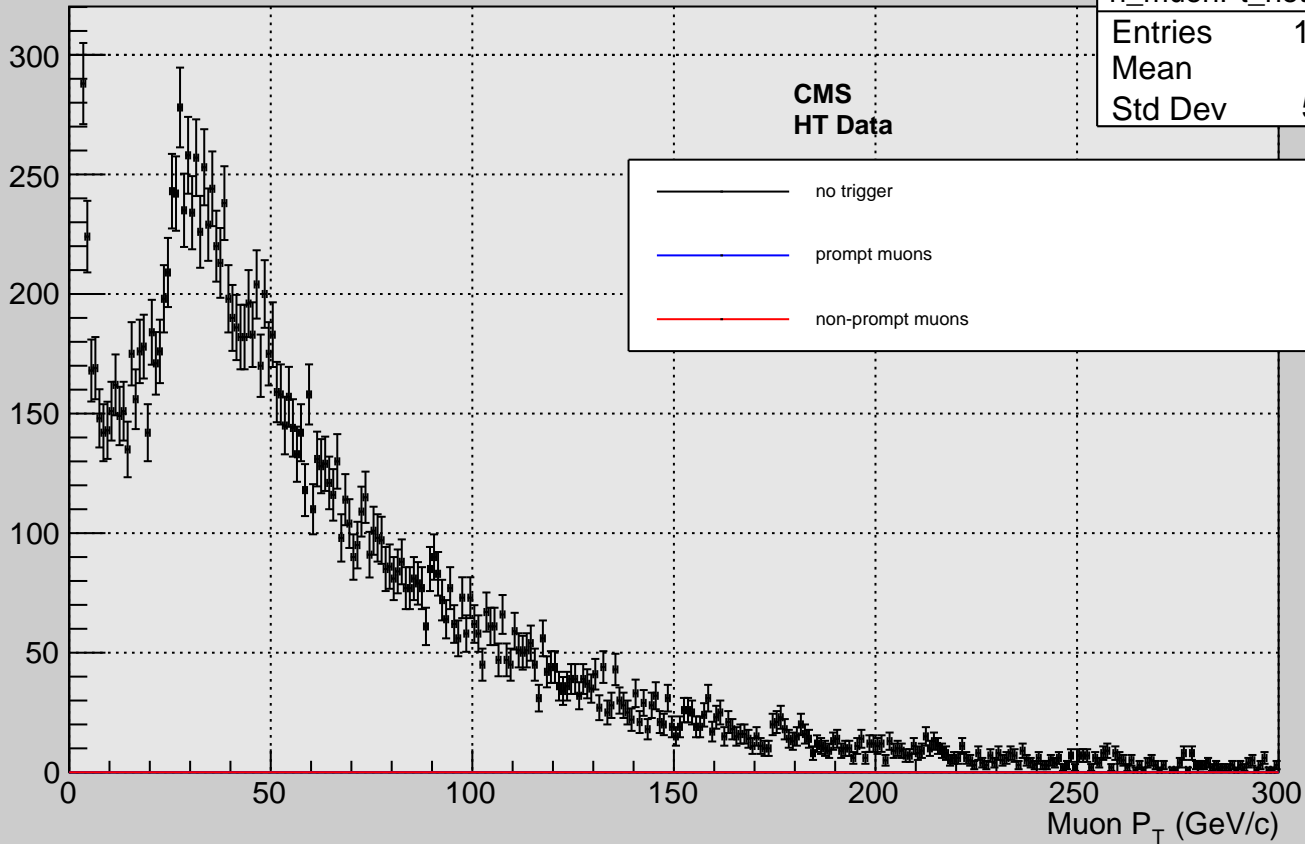
Entries 17807

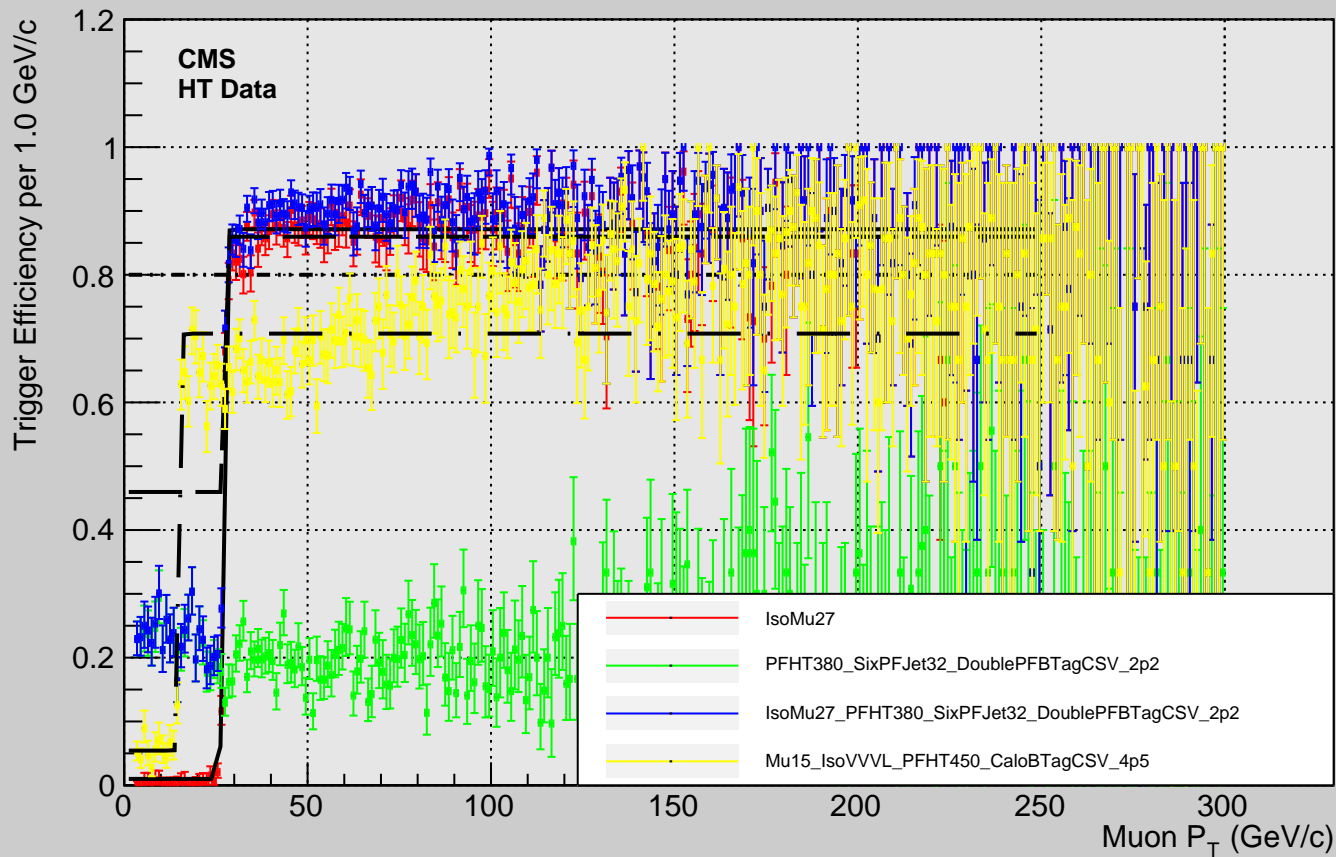
Mean 63.11

Std Dev 51.86

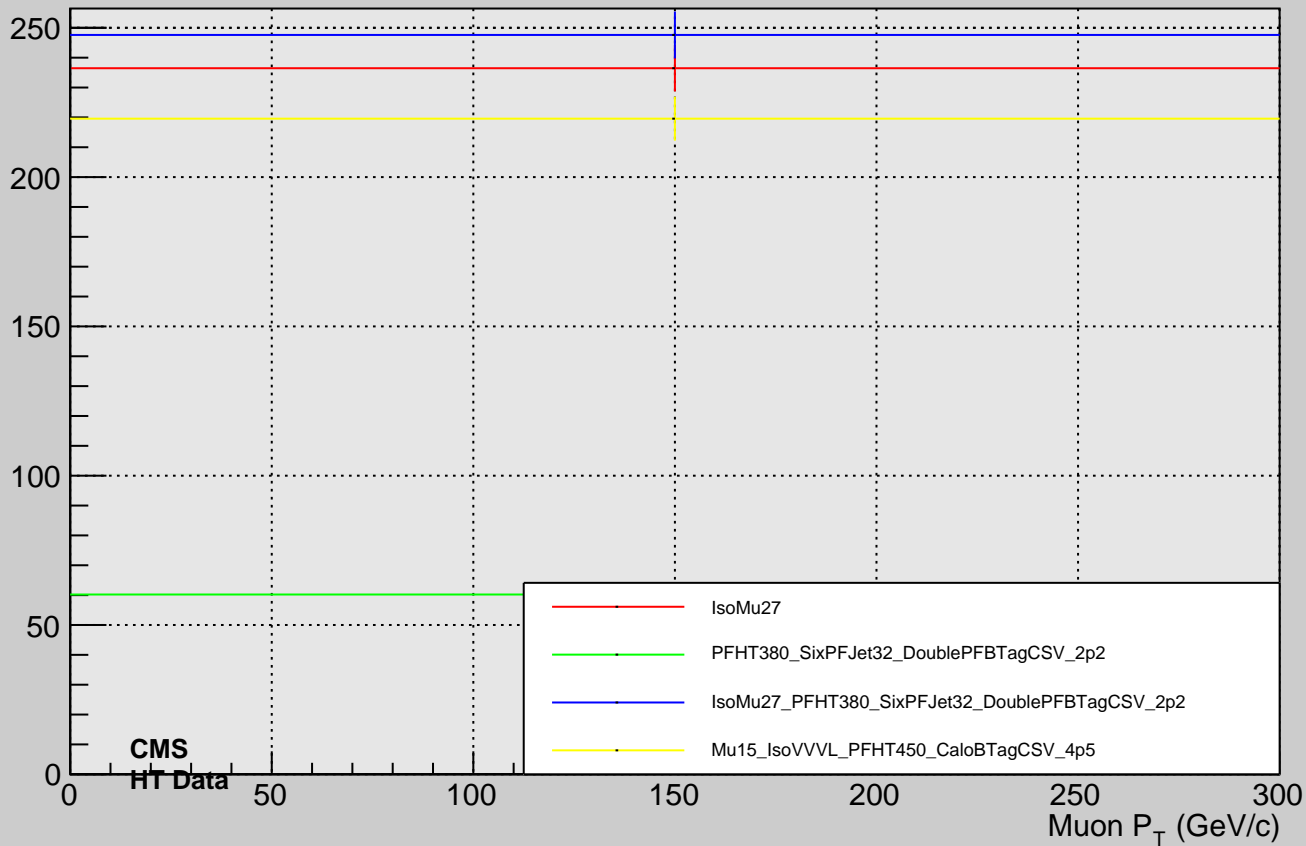


Number of Events per 1 GeV/c

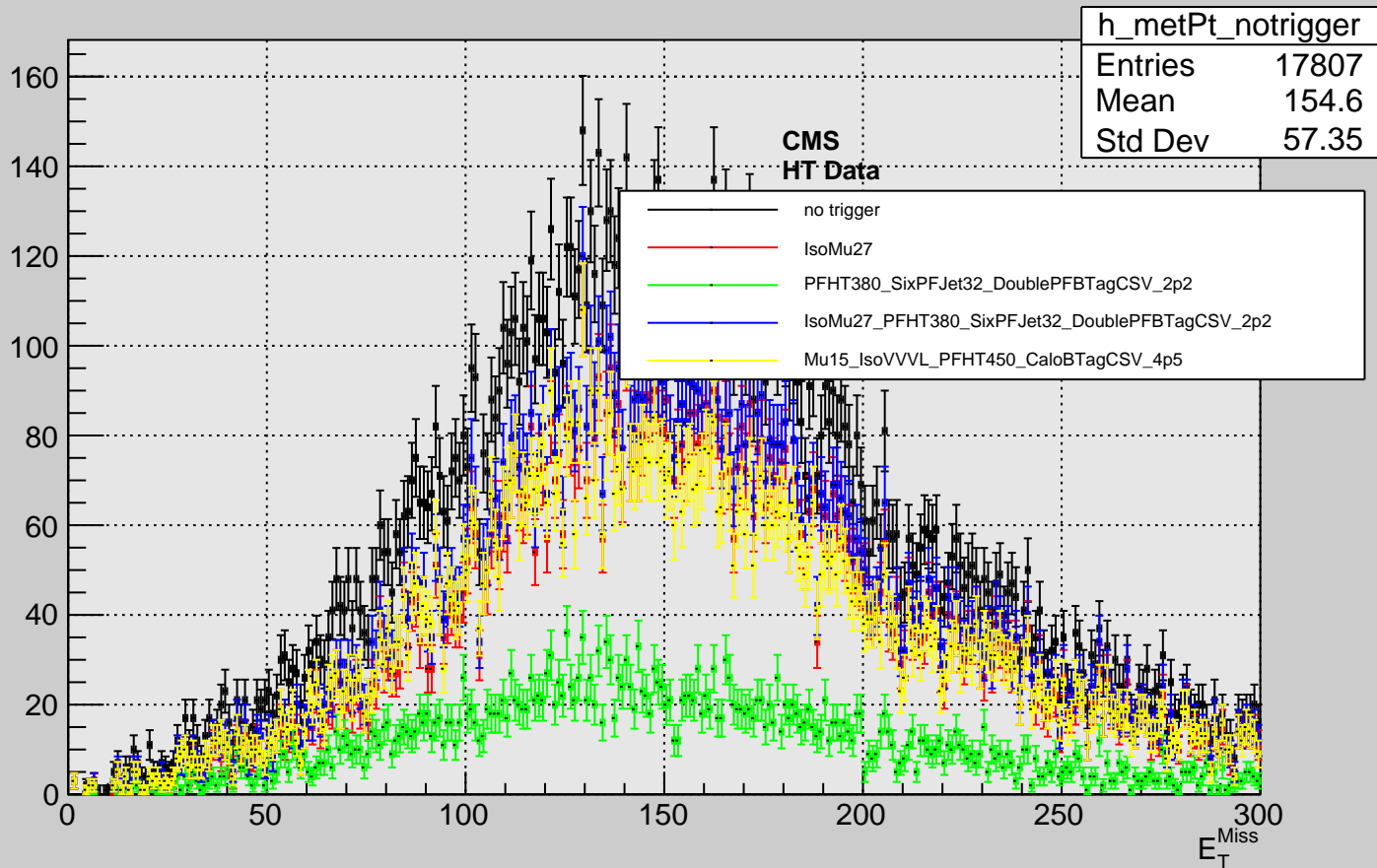


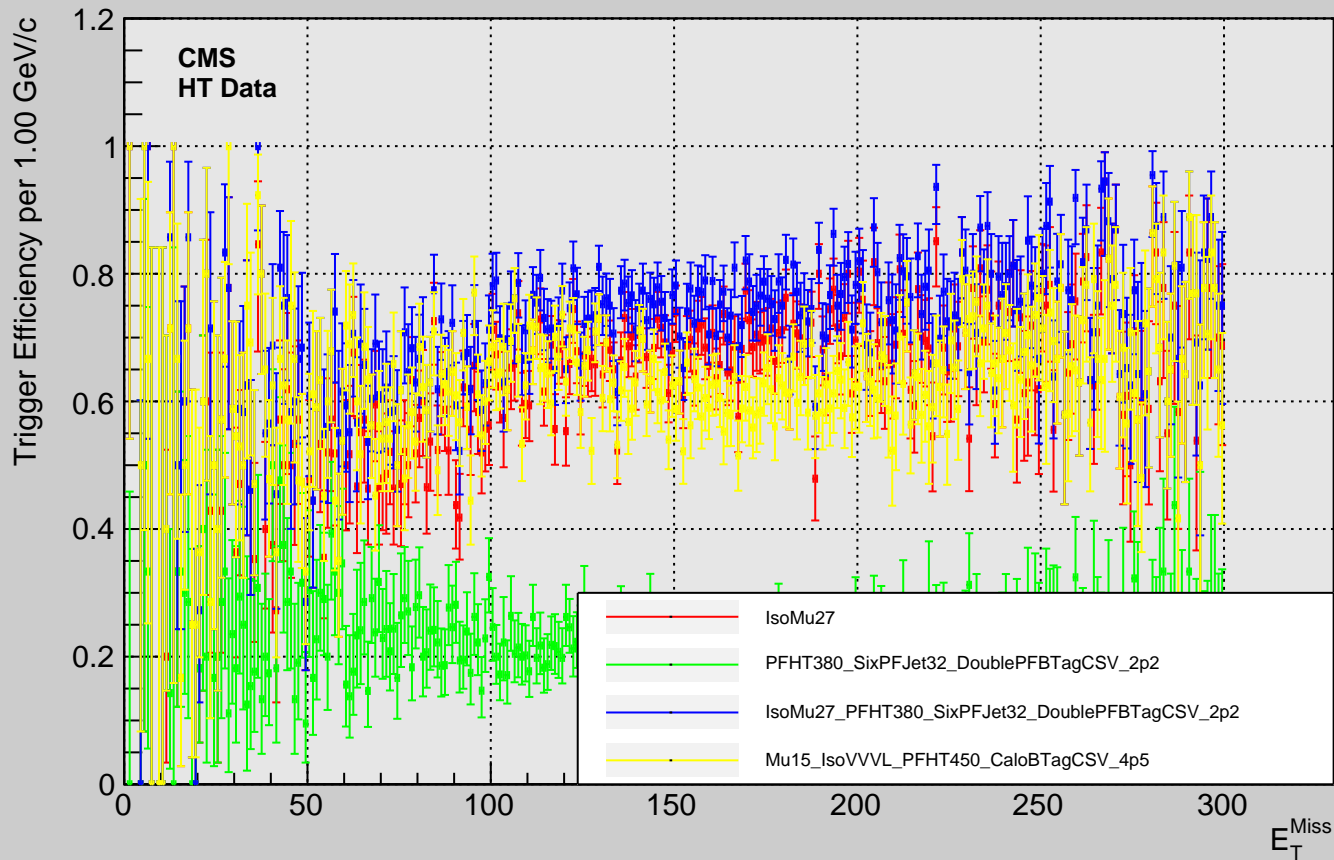


Trigger Efficiency per 1.00 GeV/c

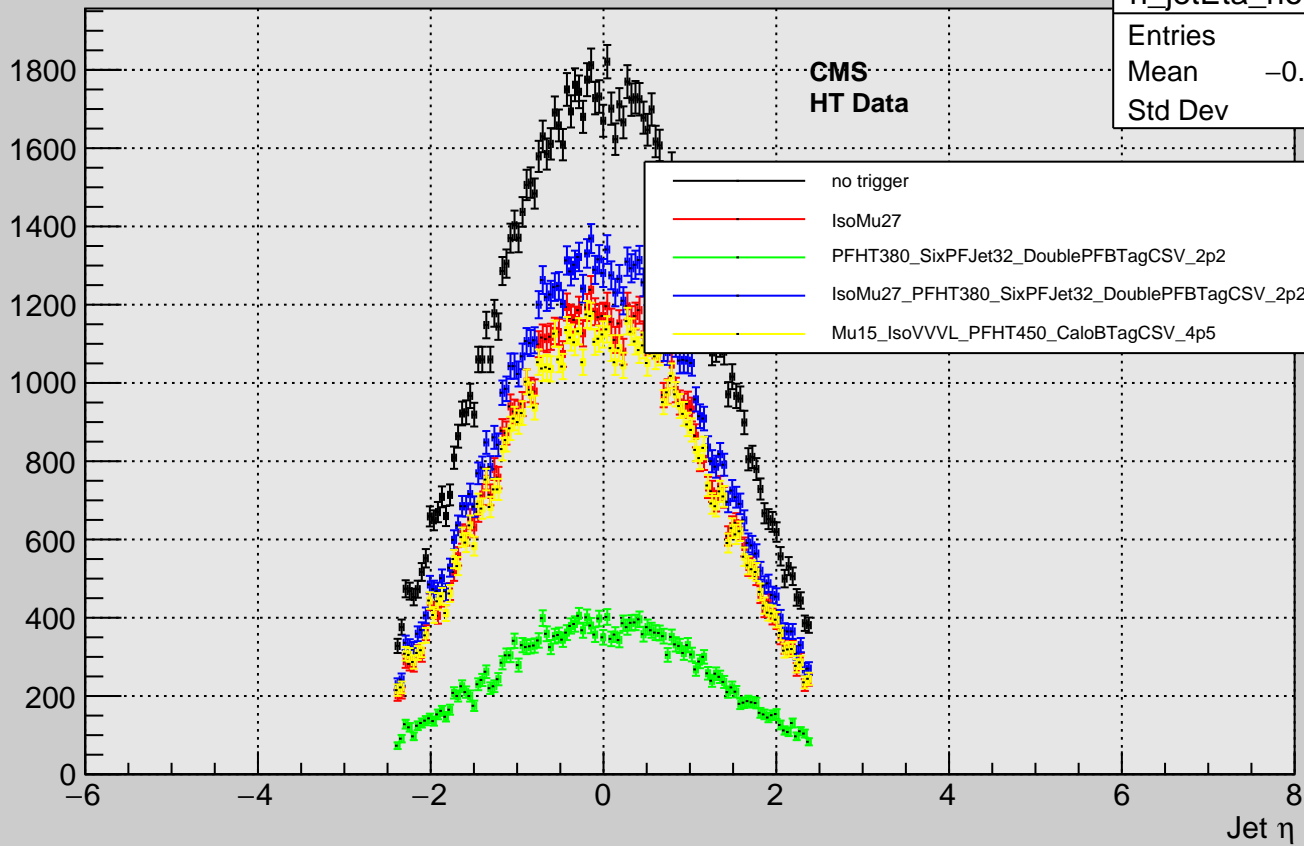


Number of Events per 1 GeV/c





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



h_jetEta_notrigger

Entries 120105

Mean -0.005505

Std Dev 1.121

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

