

On-line (pre-)selection Requisites for:

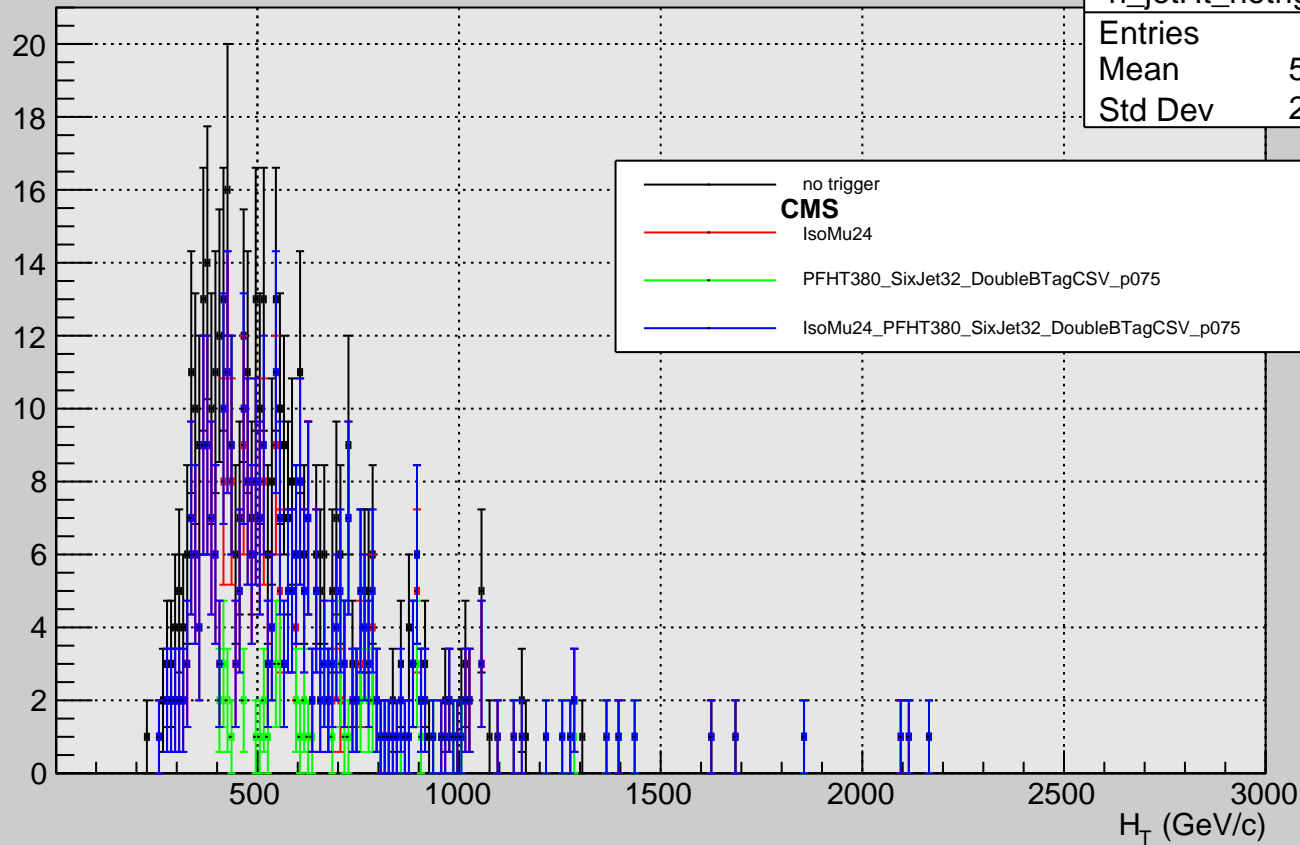
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

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



h_jetHt_nottrigger

Entries 476

Mean 590.5

Std Dev 265.9

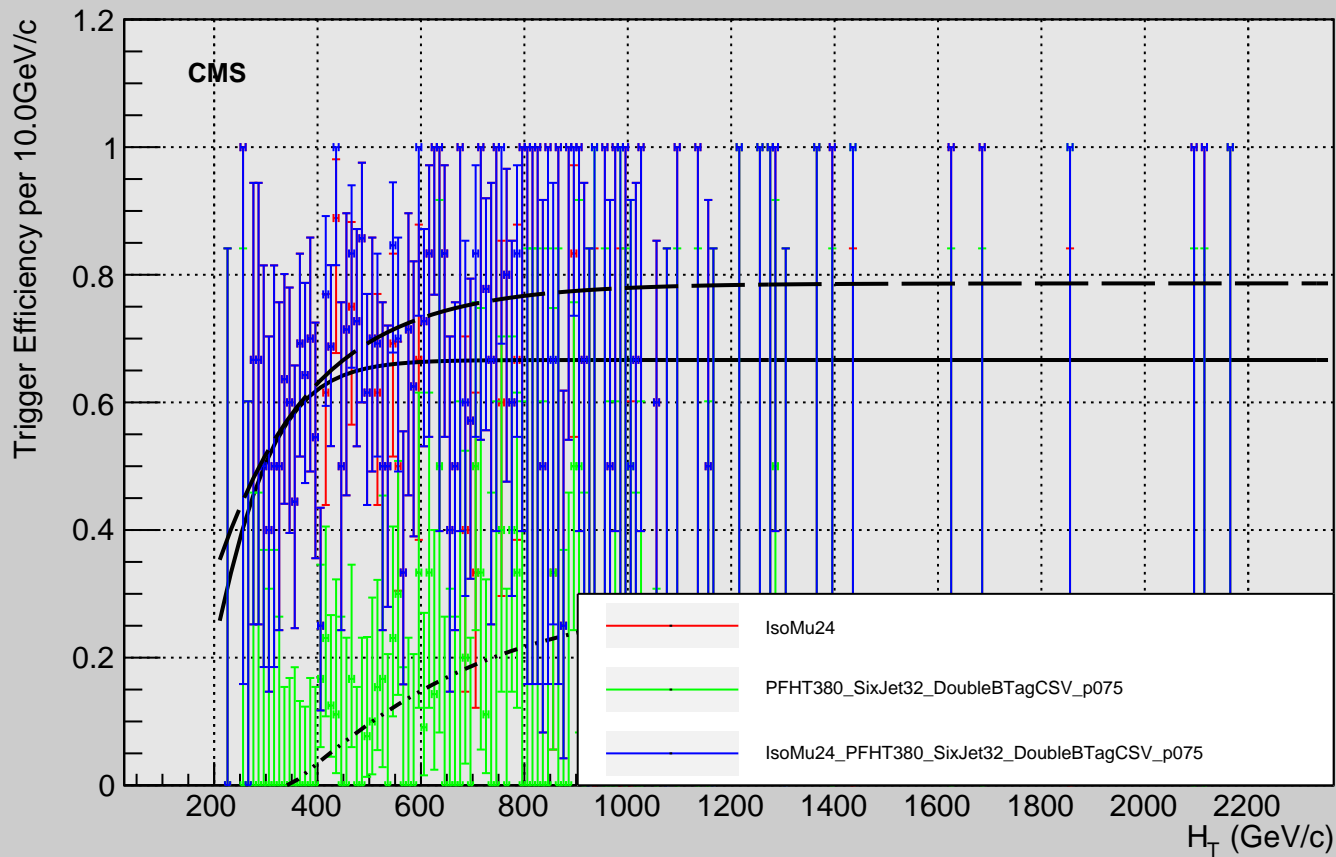
CMS

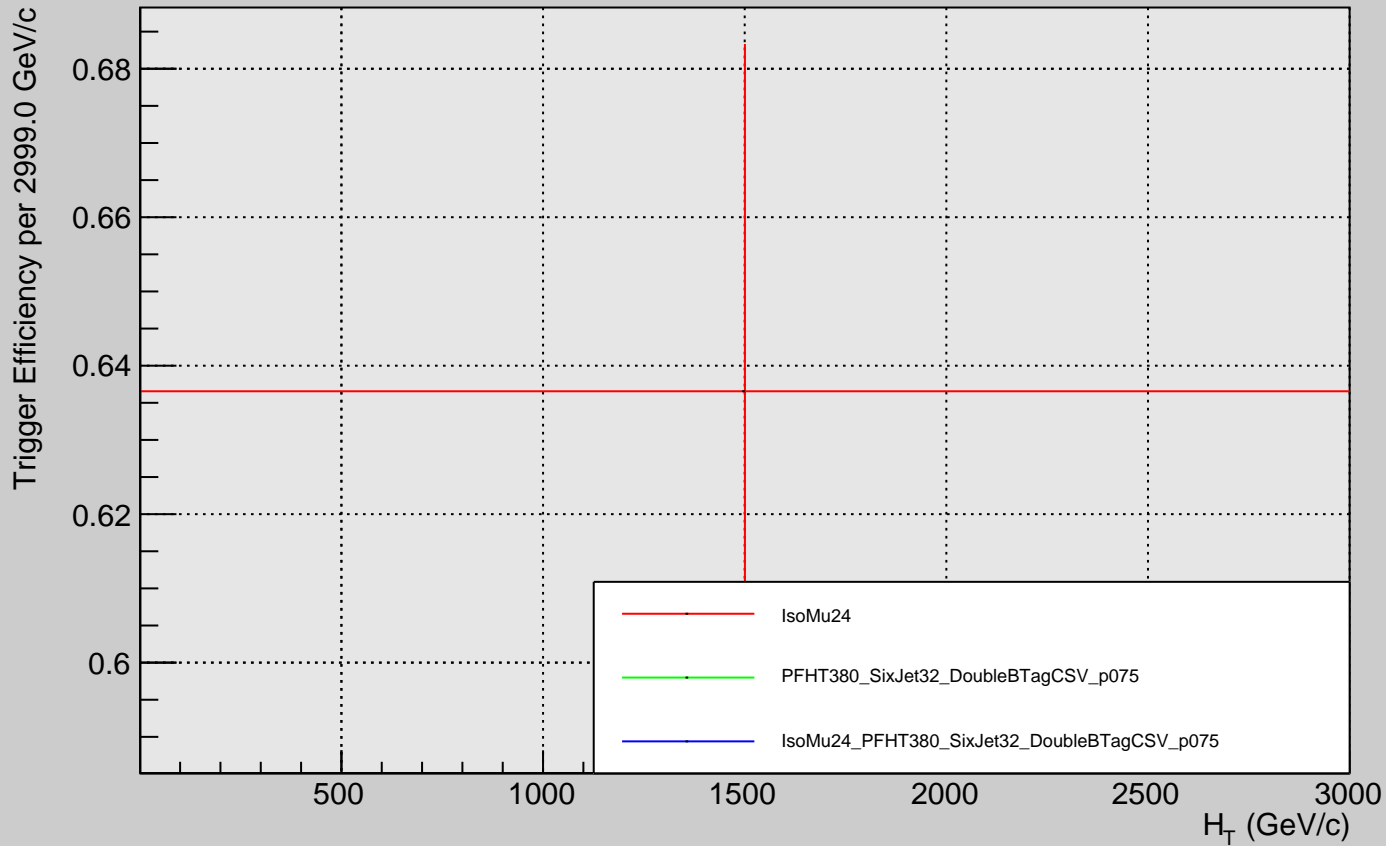
no trigger

IsoMu24

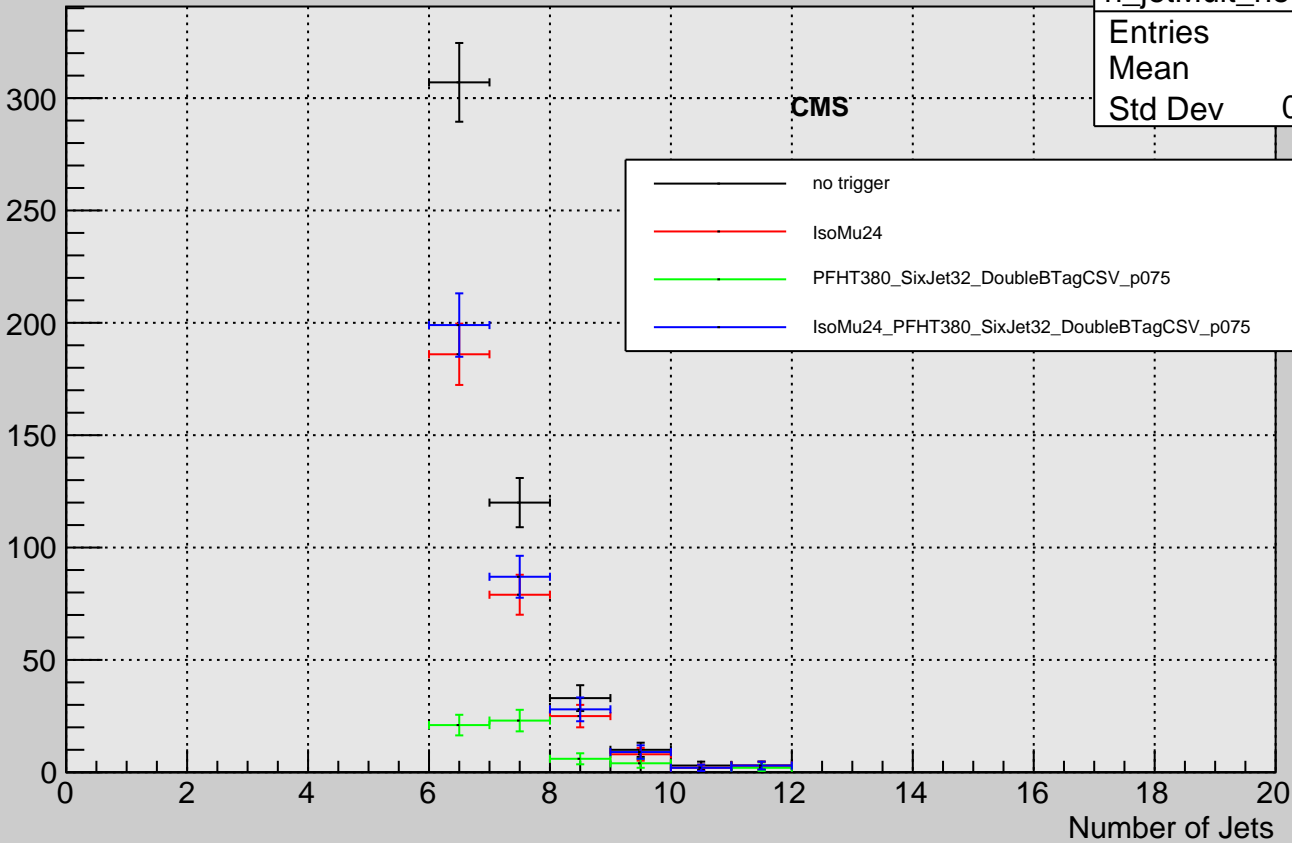
PFHT380_SixJet32_DoubleBTagCSV_p075

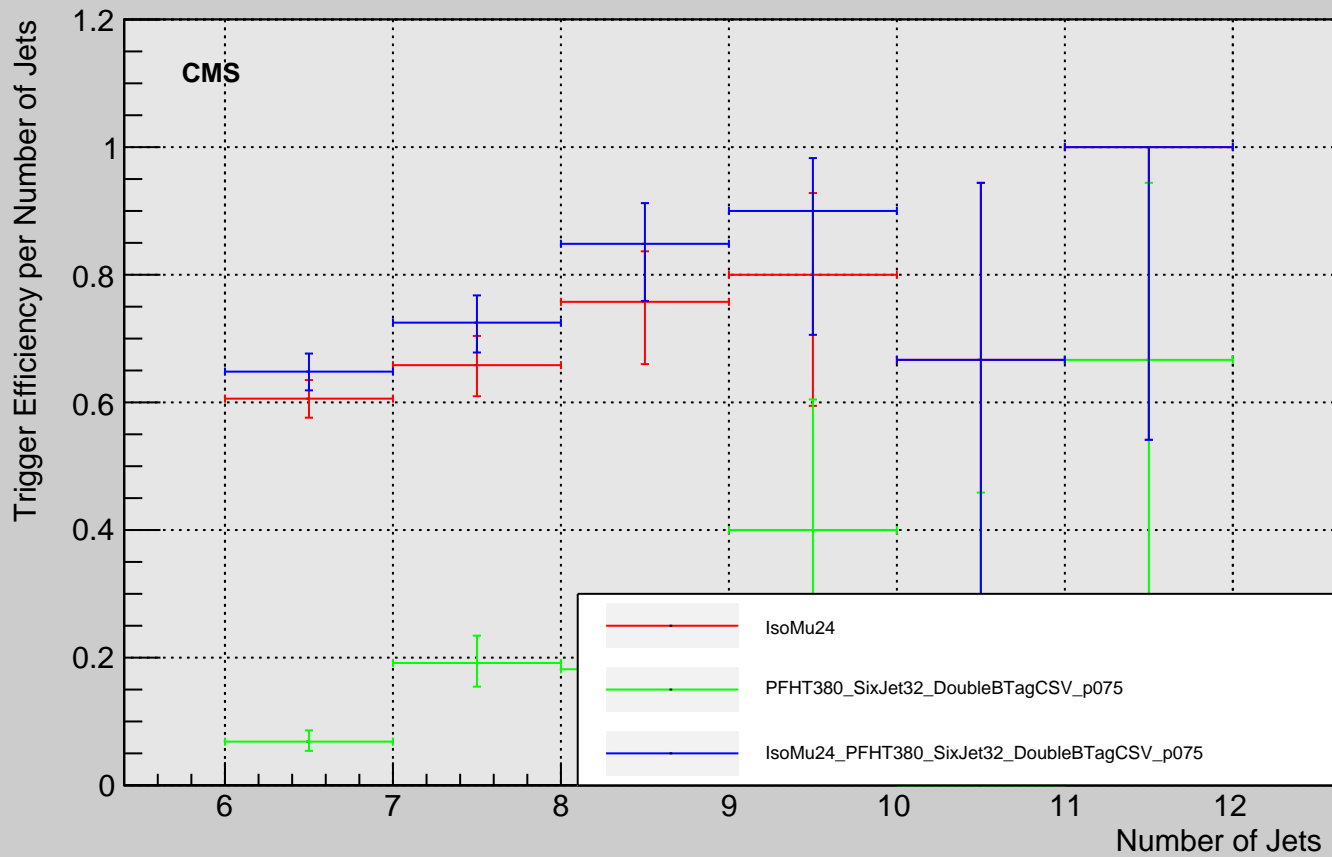
IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075



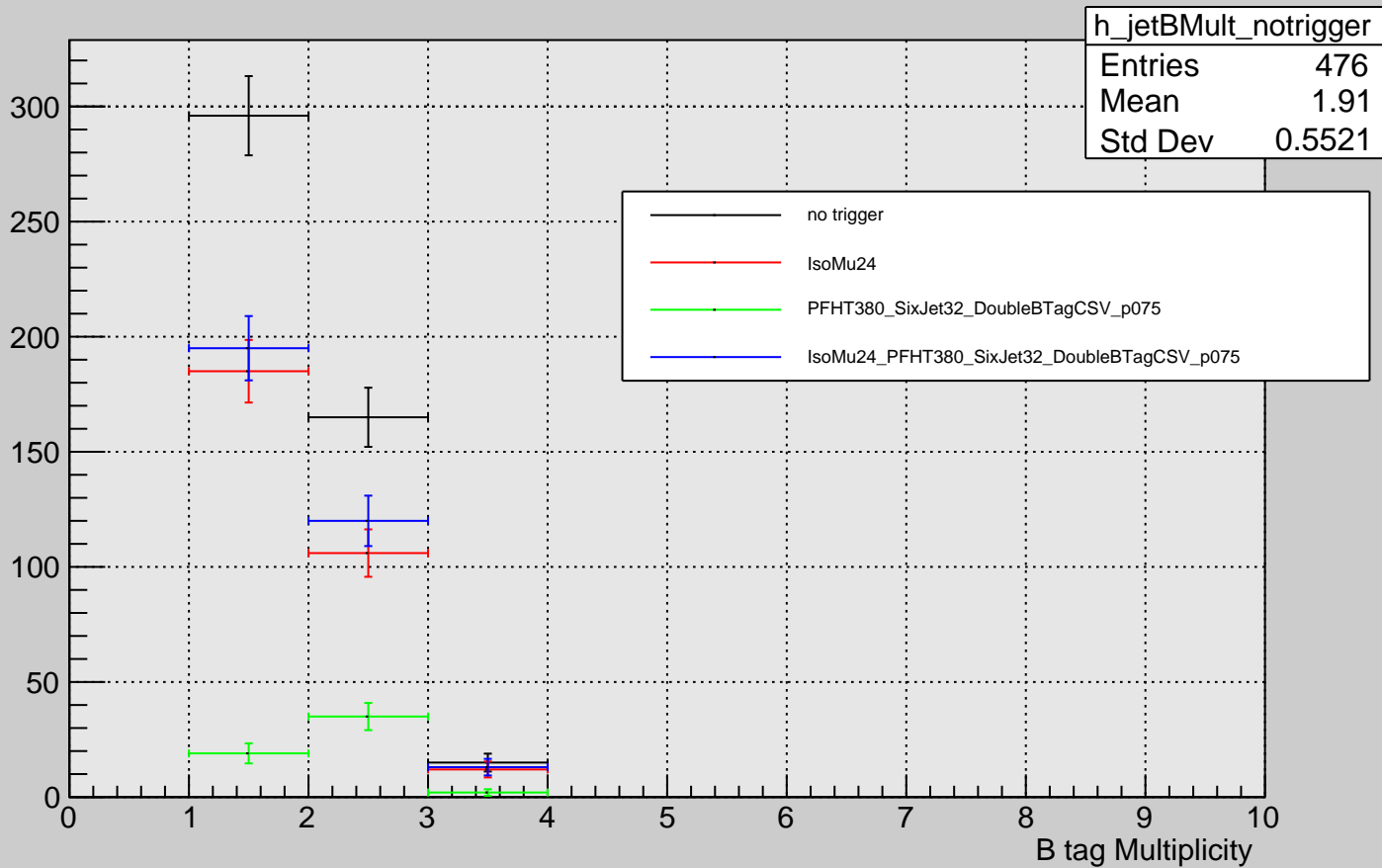


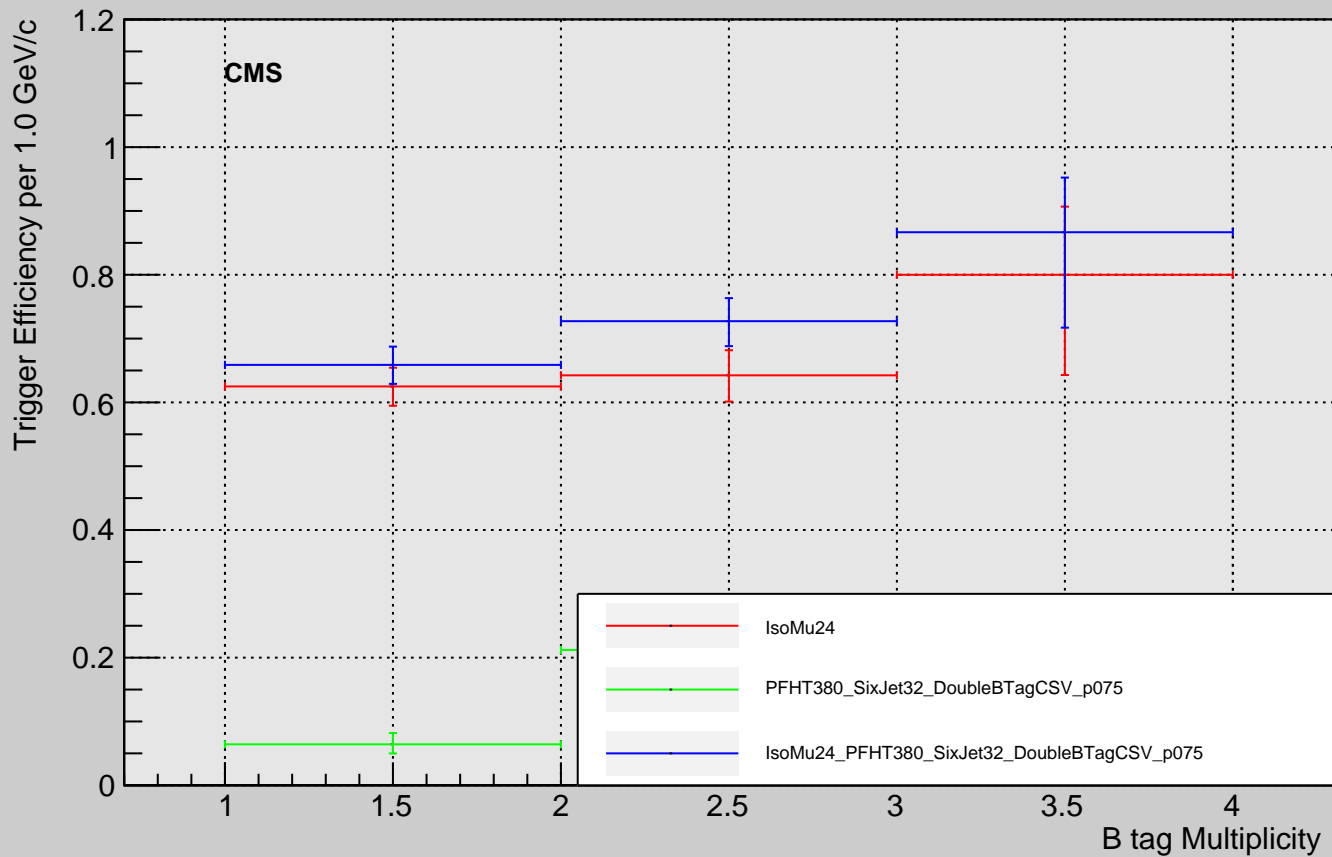
Number of Events per Number of Jets

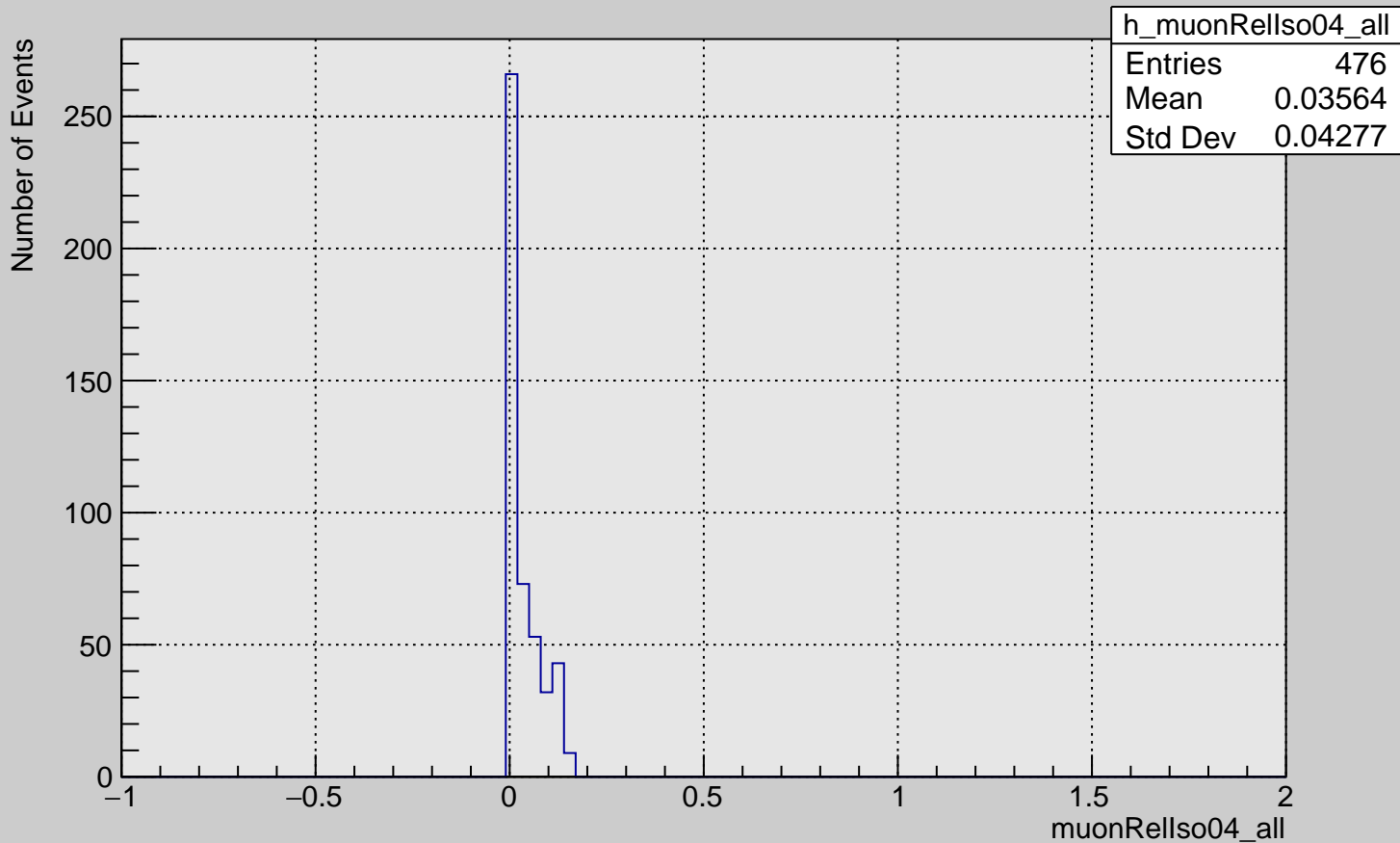




Number of Events per Number of Jets







Number of Events per 1 GeV/c

h_muonPt_notrigger

Entries 476

Mean 56.38

Std Dev 46.19

CMS

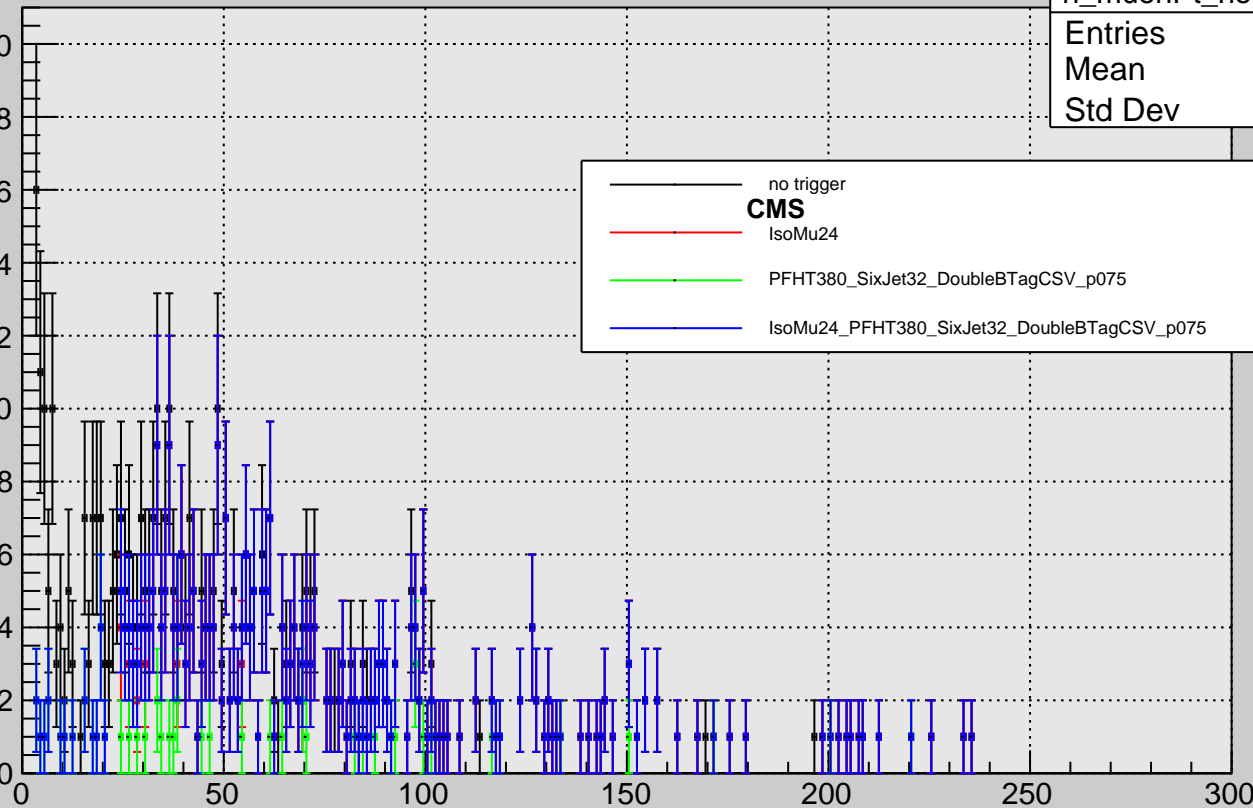
no trigger

IsoMu24

PFHT380_SixJet32_DoubleBTagCSV_p075

IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

Muon P_T (GeV/c)



Number of Events per 1 GeV/c

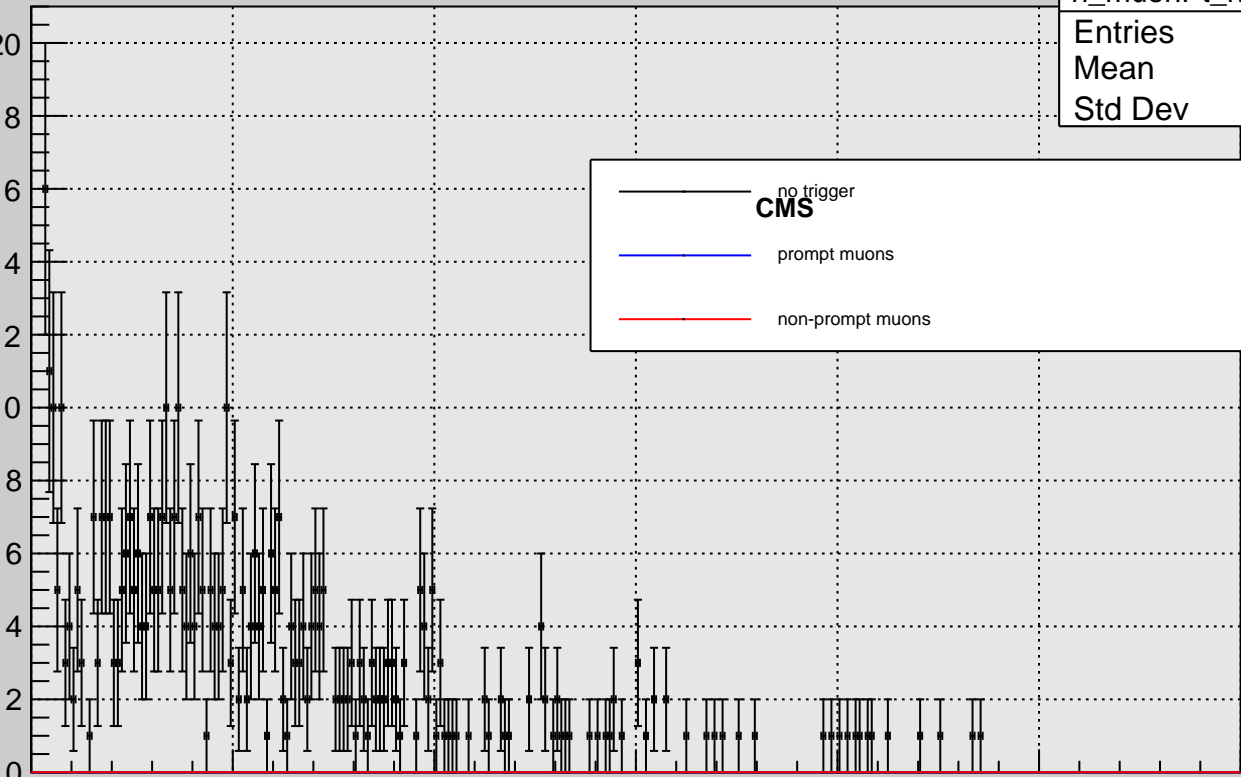
h_muonPt_notrigger	
Entries	476
Mean	56.38
Std Dev	46.19

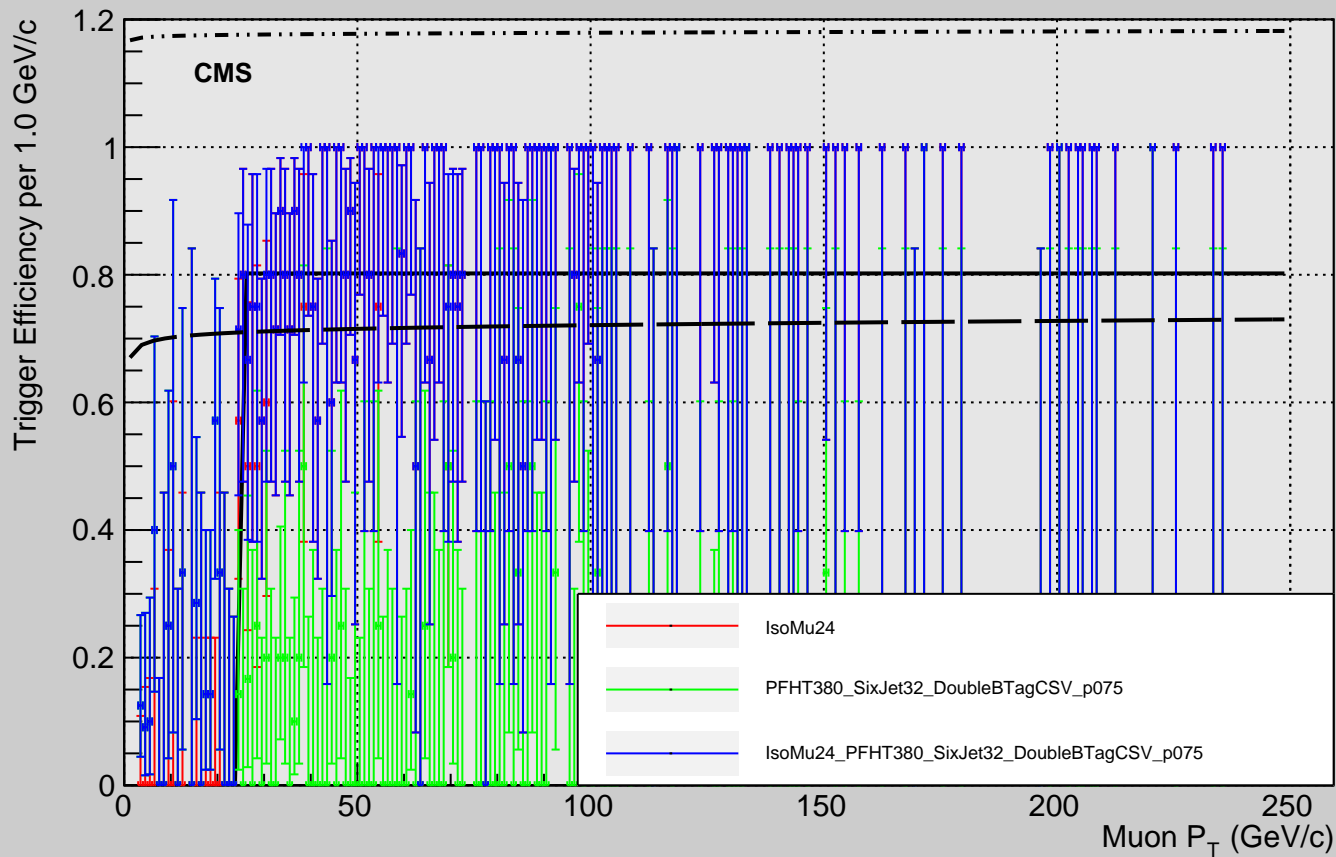
no trigger
CMS

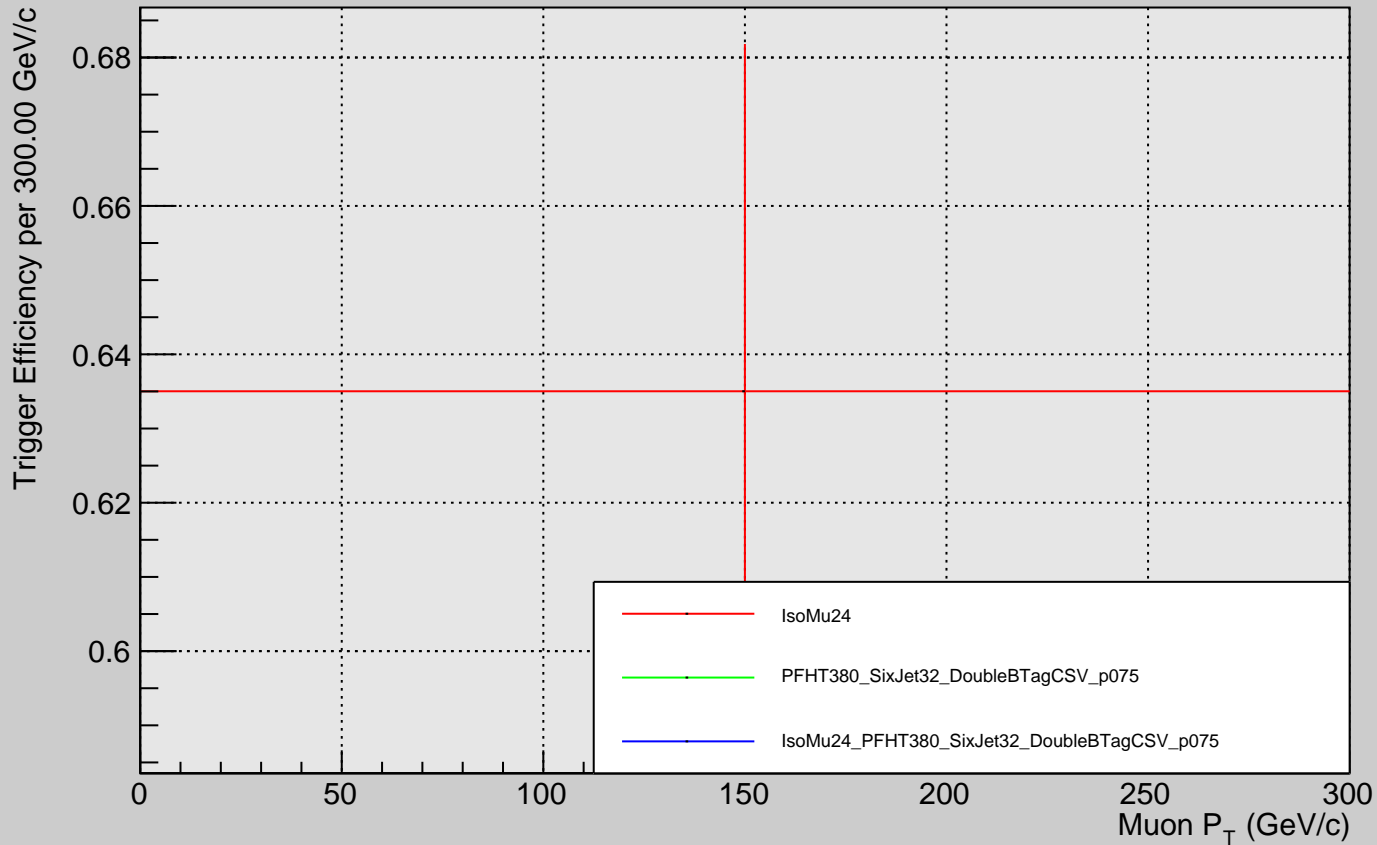
prompt muons

non-prompt muons

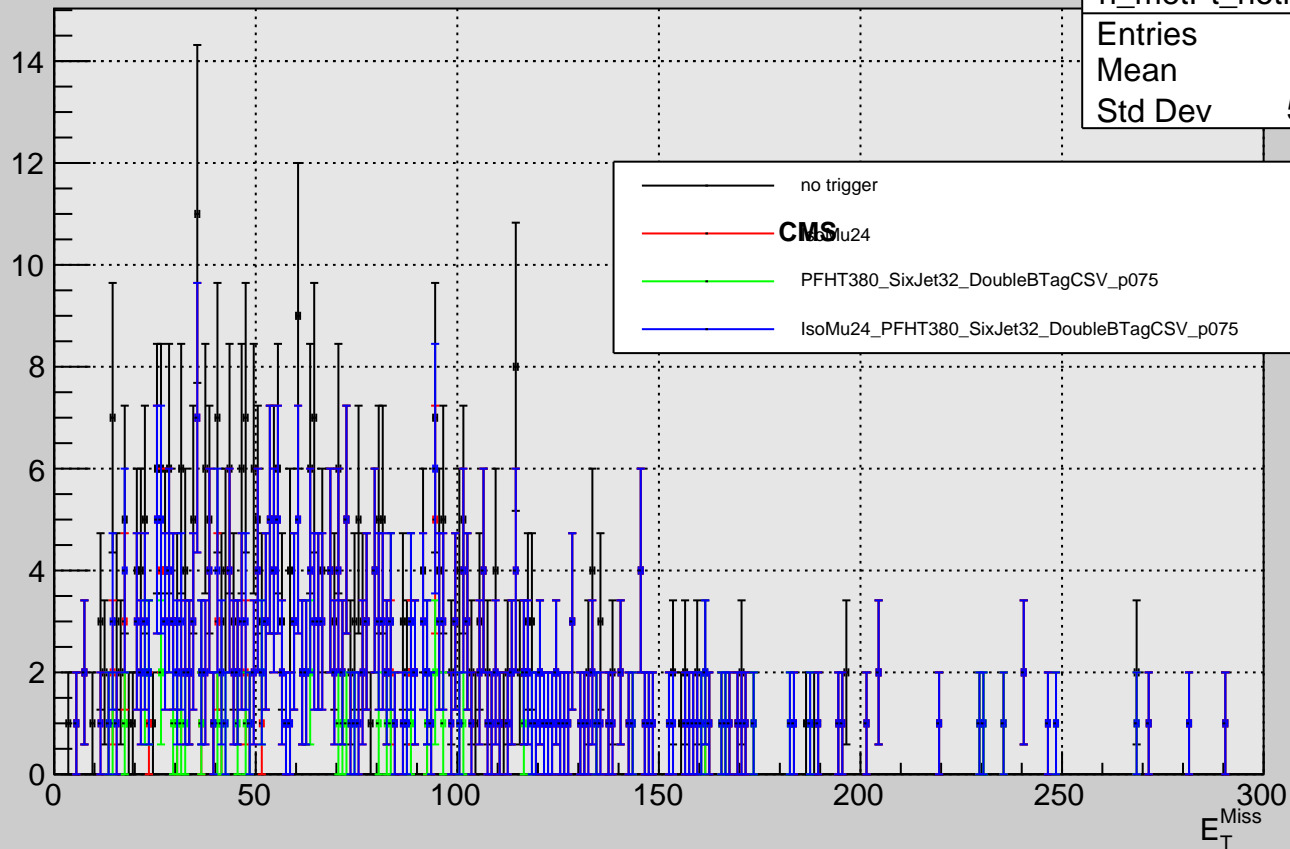
Muon P_T (GeV/c)

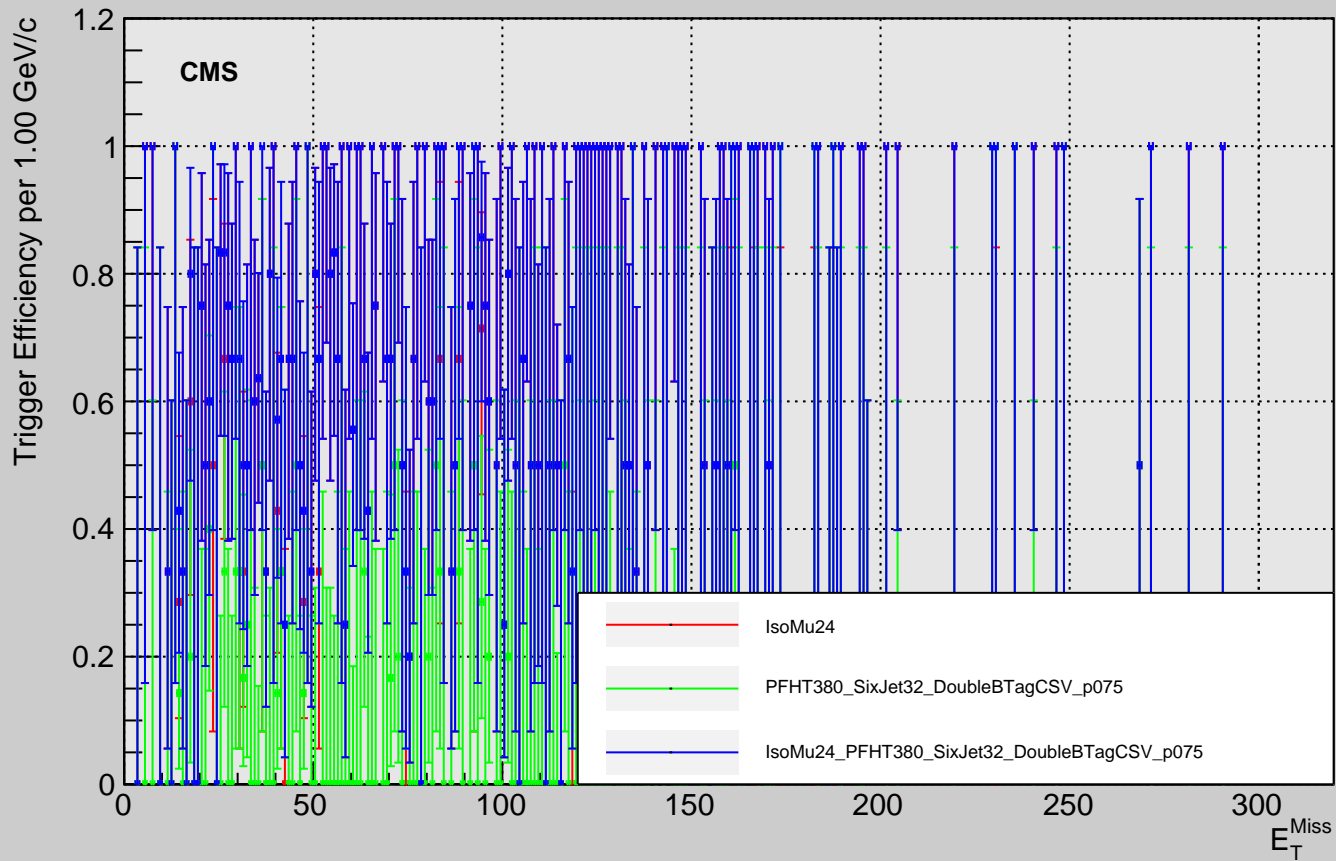




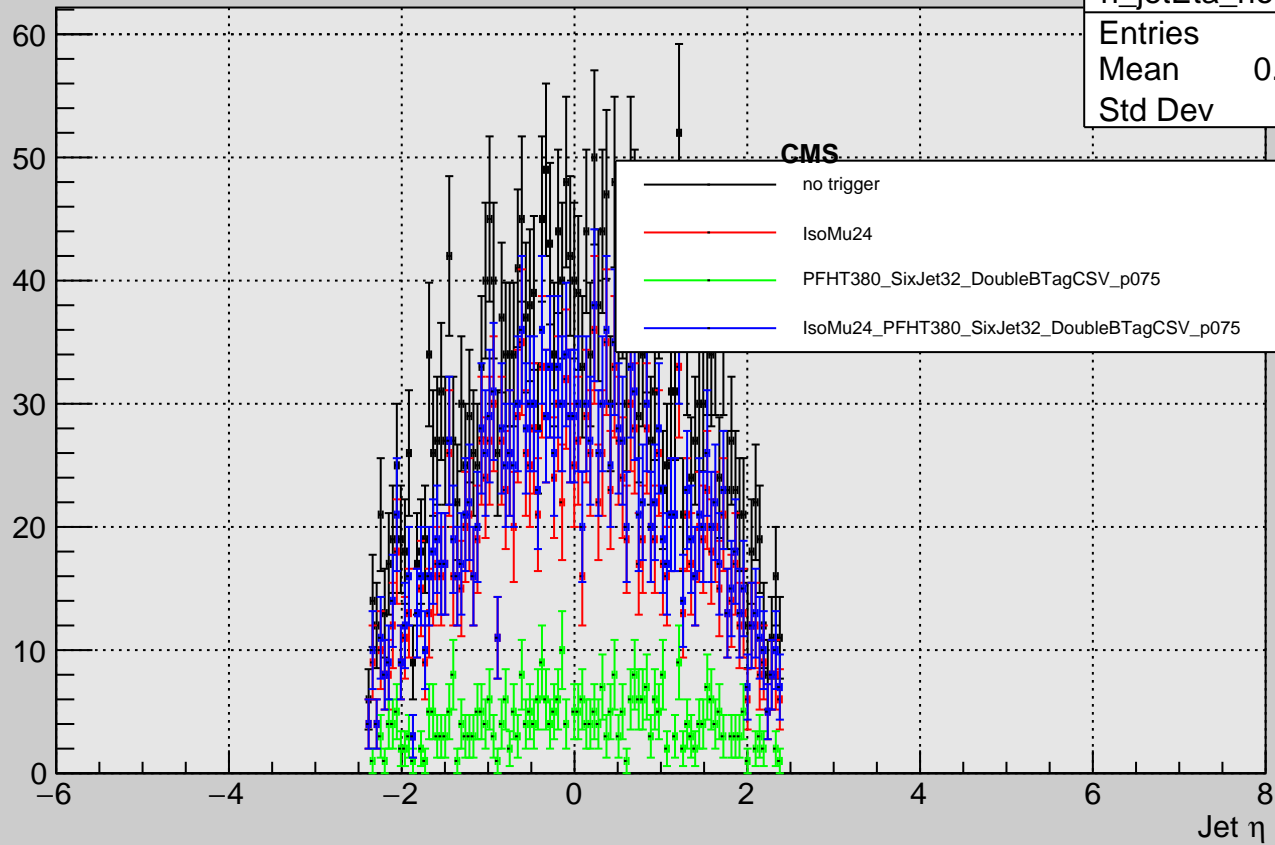


Number of Events per 1 GeV/c





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



h_jetEta_notrigger	
Entries	3099
Mean	0.01387
Std Dev	1.19

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

