

On-line (pre-)selection Requisites for:

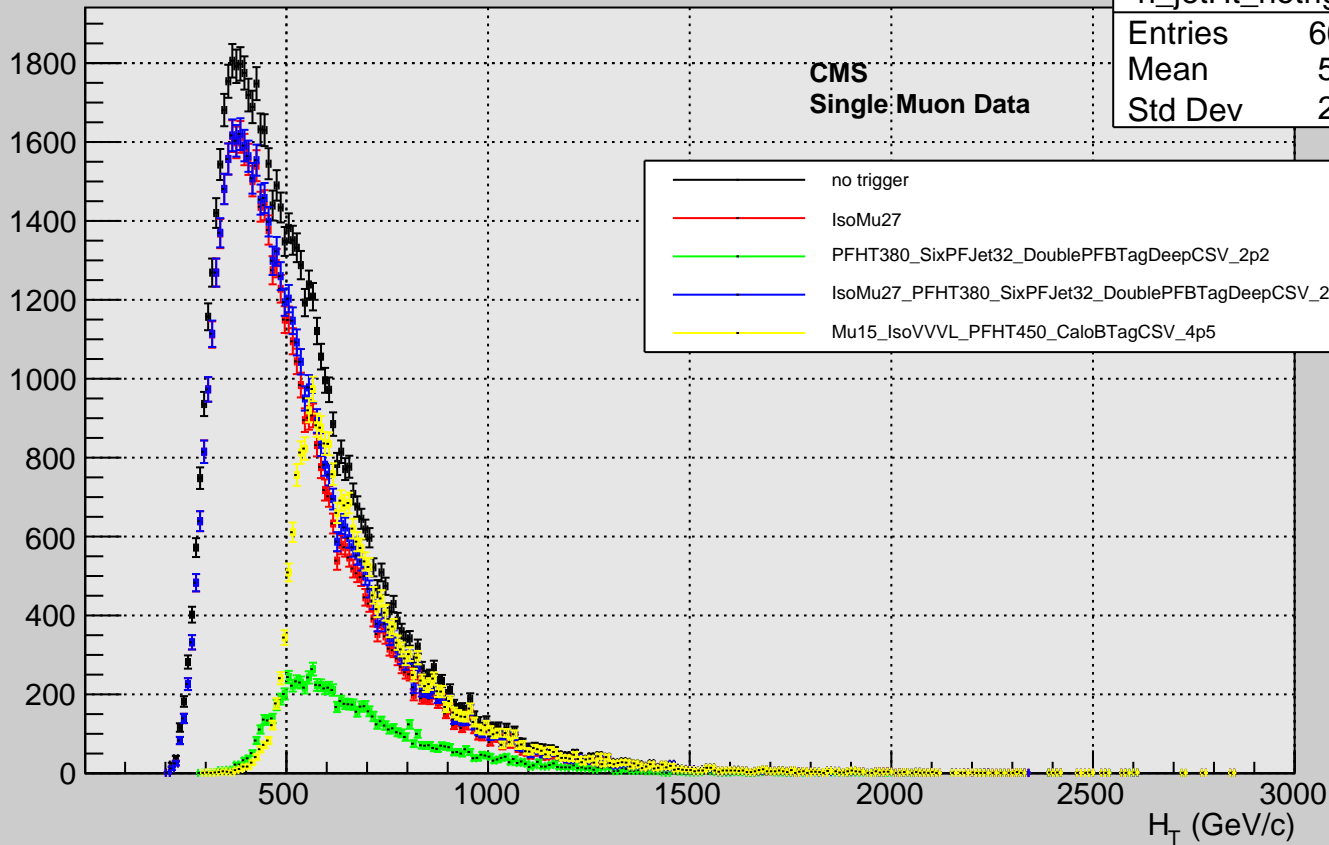
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

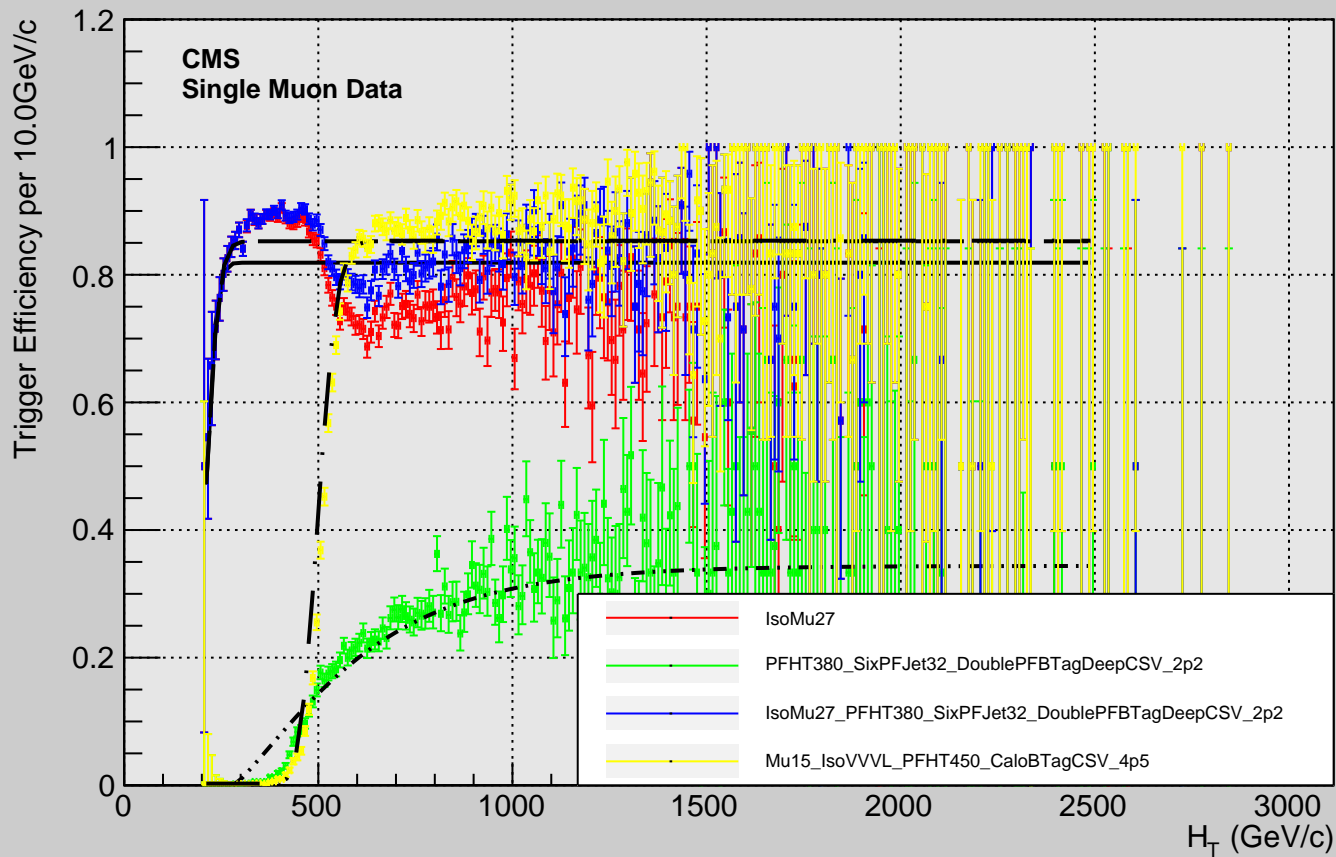
Event Limit: None (see last page)

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





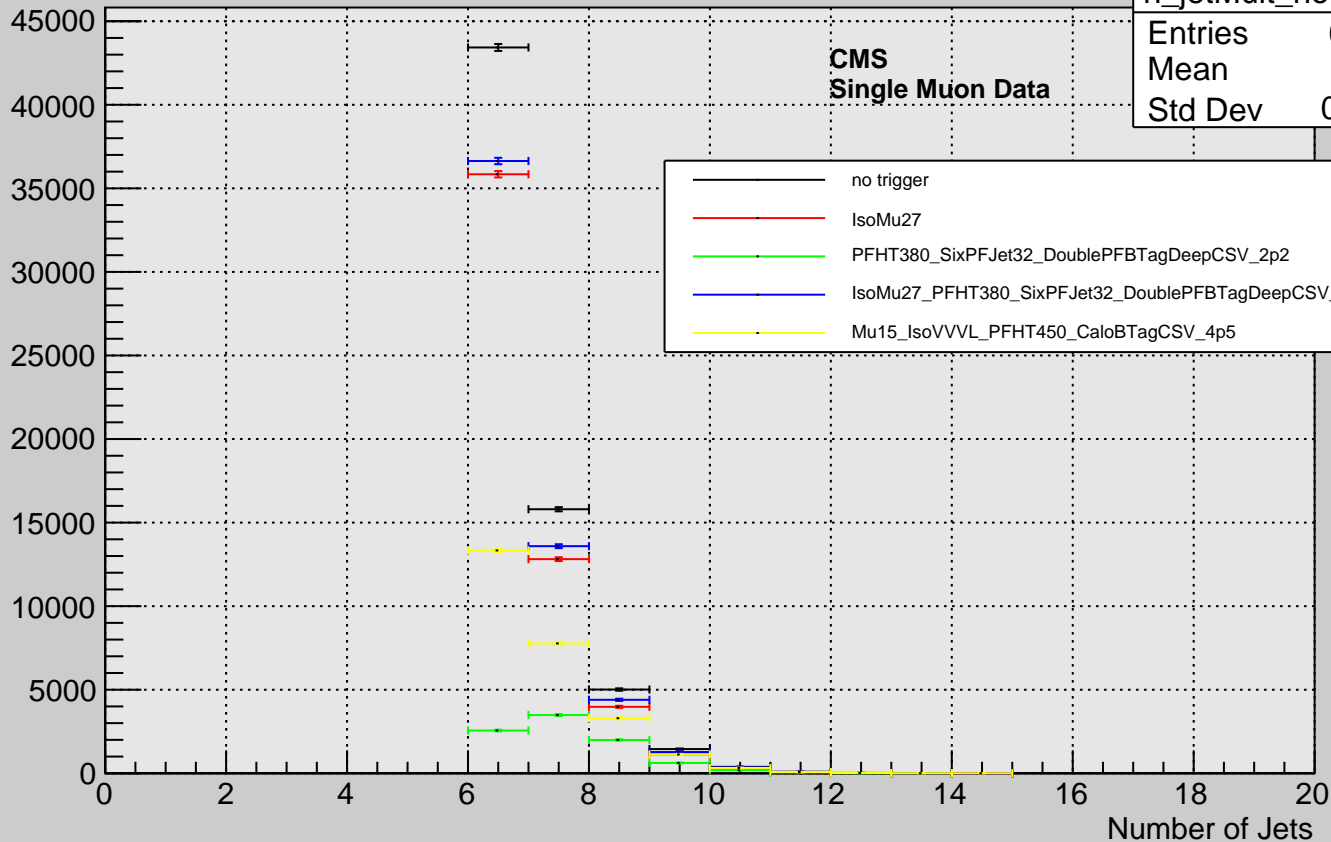
Trigger Efficiency per 2999.0 GeV/c

CMS
Single Muon Data

- IsoMu27
- PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2
- IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2
- Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

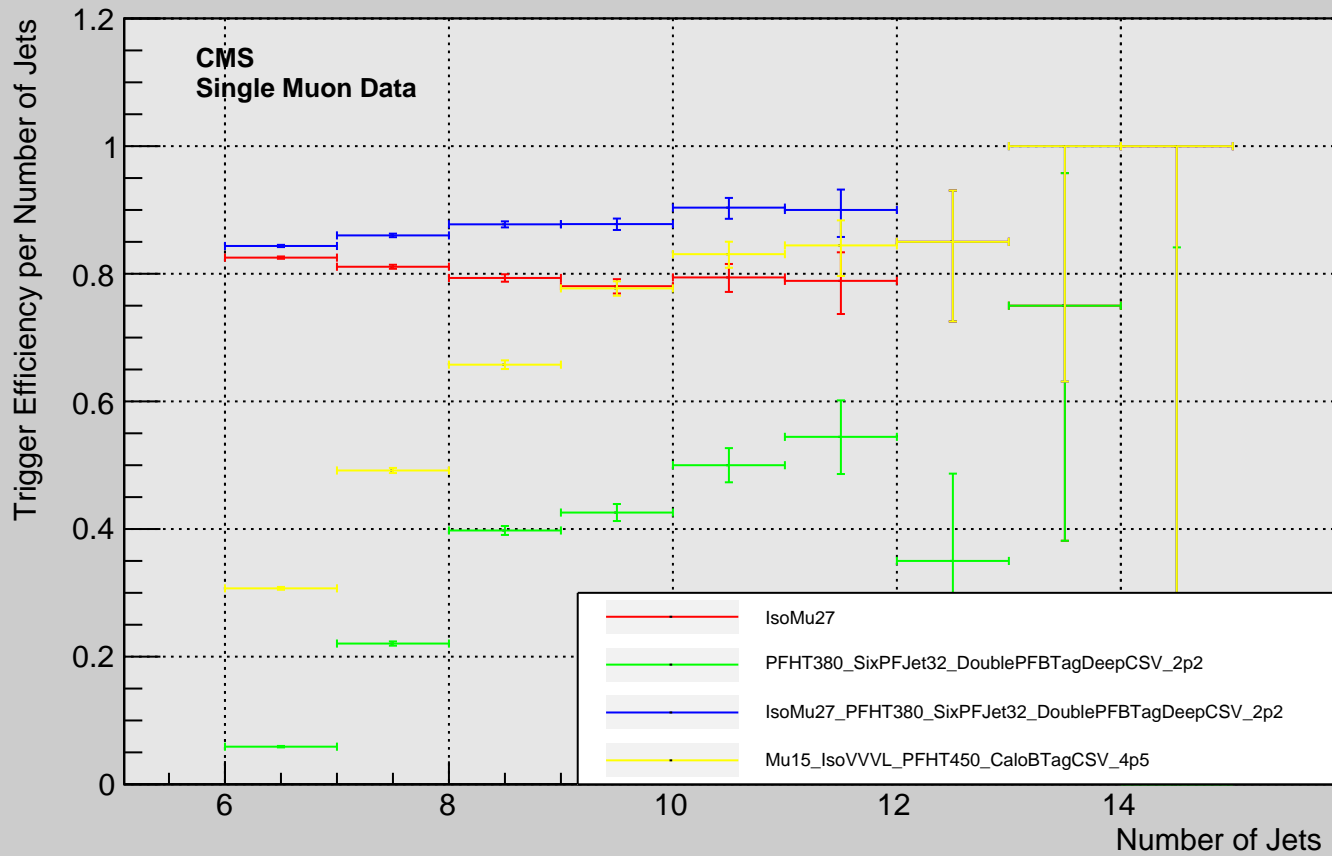
H_T (GeV/c)

Number of Events per Number of Jets

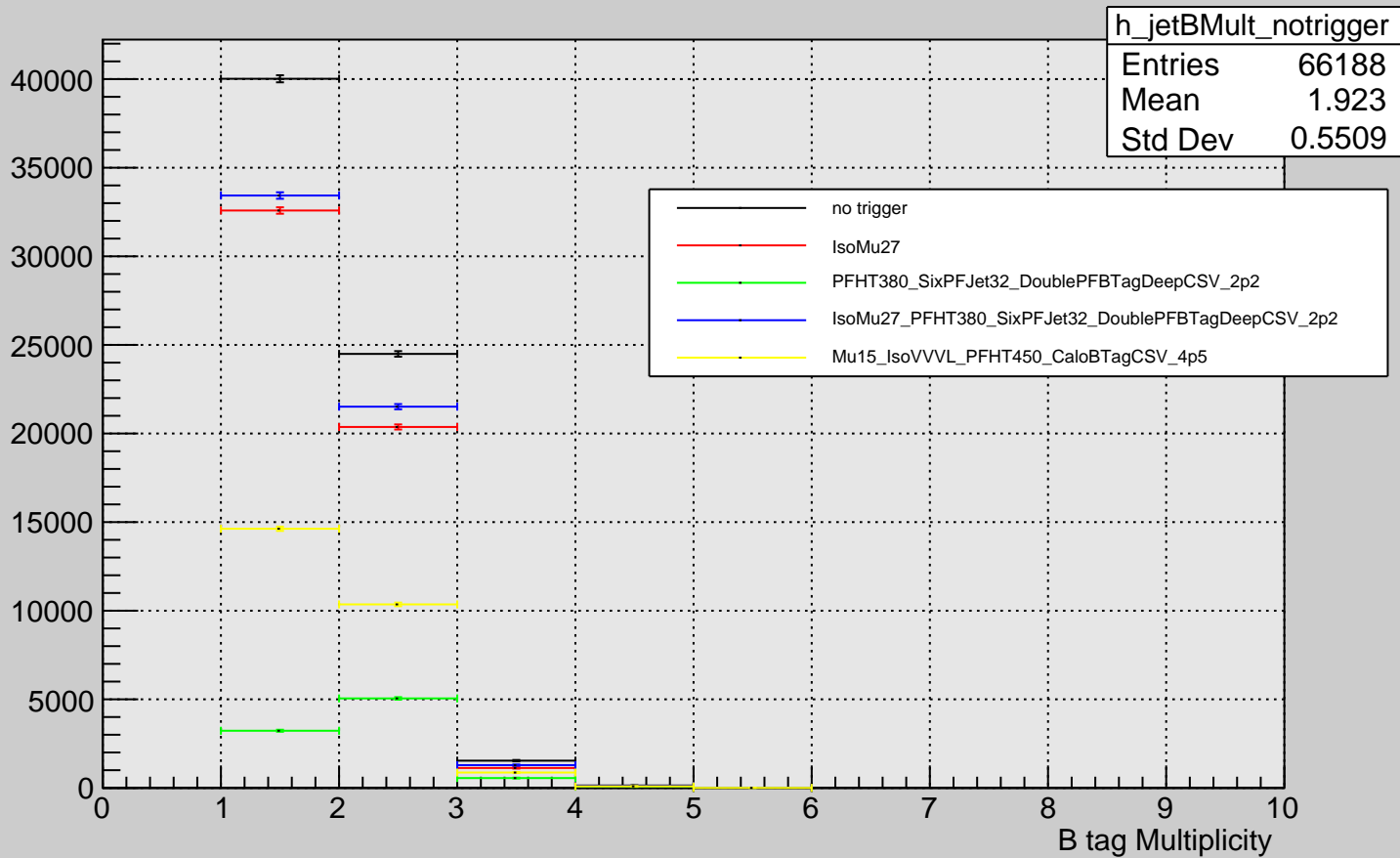


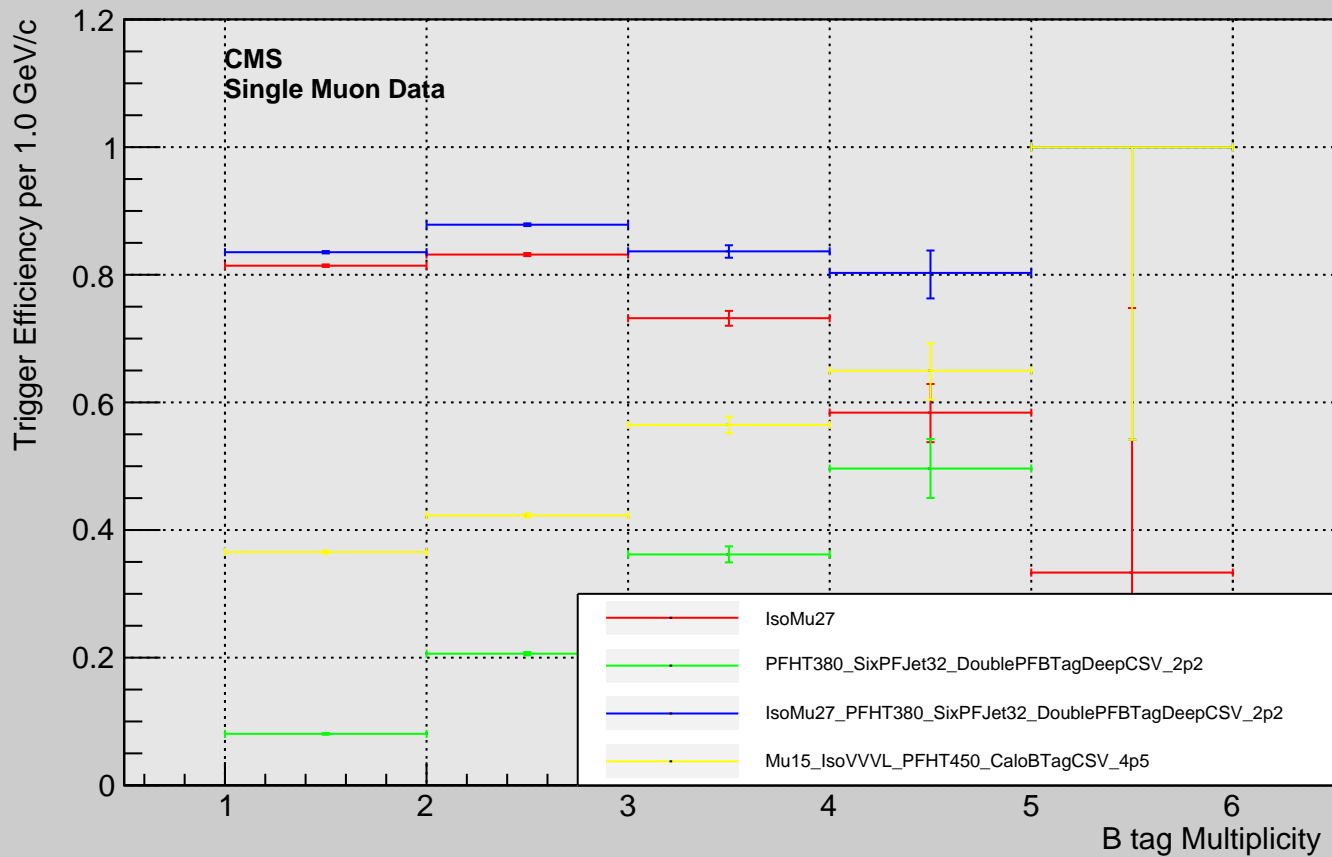
h_jetMult_notrigger

Entries	66188
Mean	6.488
Std Dev	0.8012

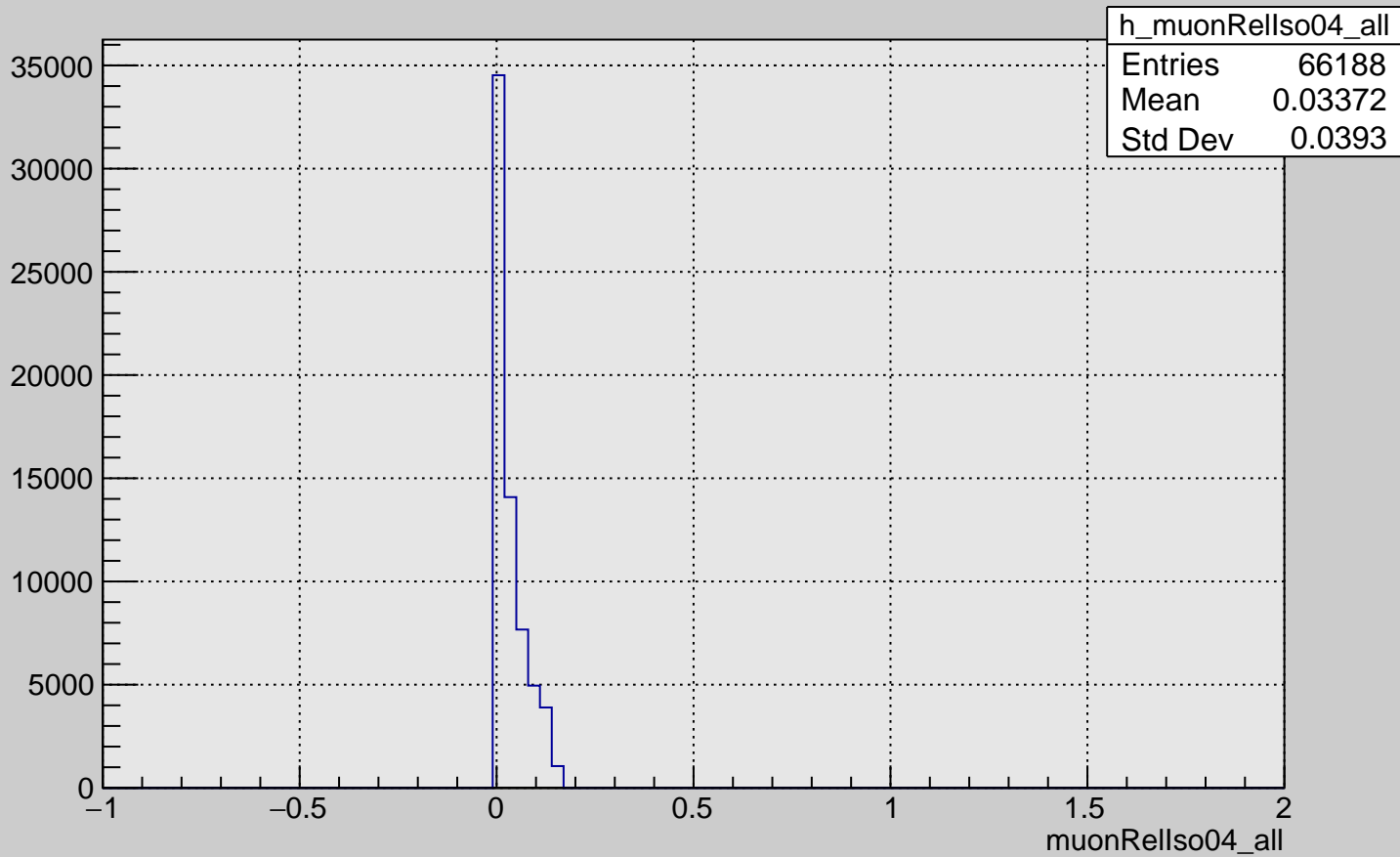


Number of Events per Number of Jets

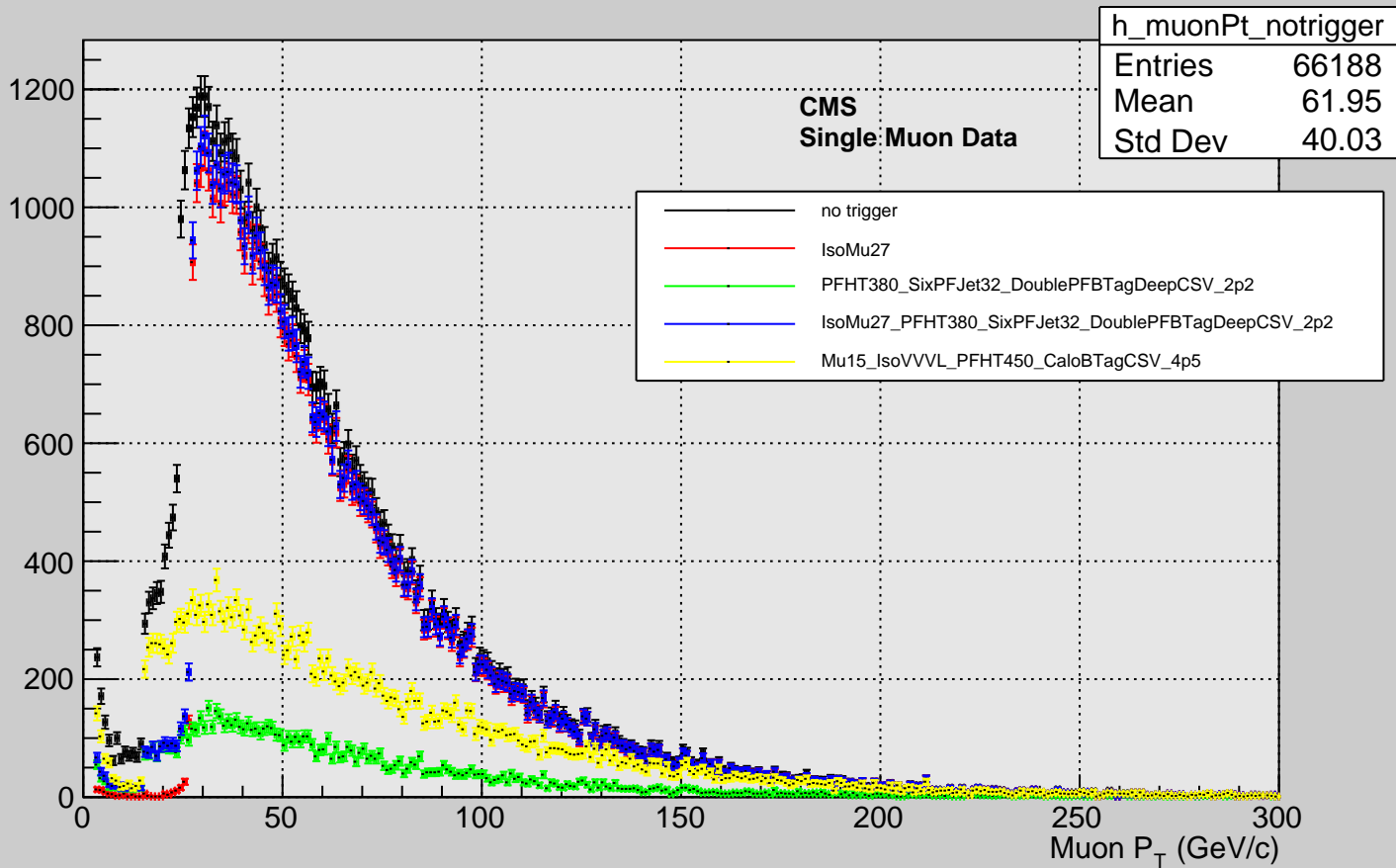




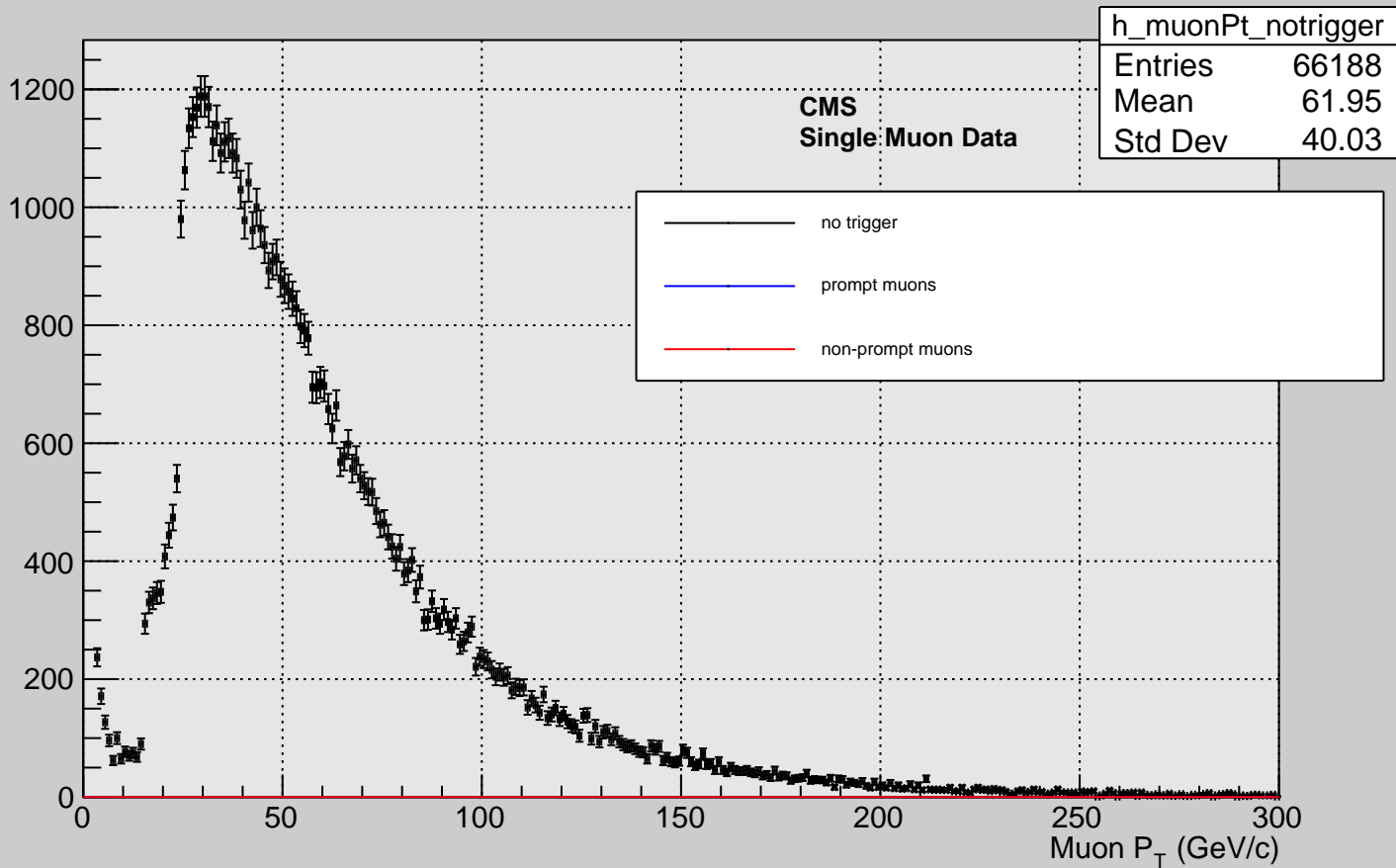
Number of Events

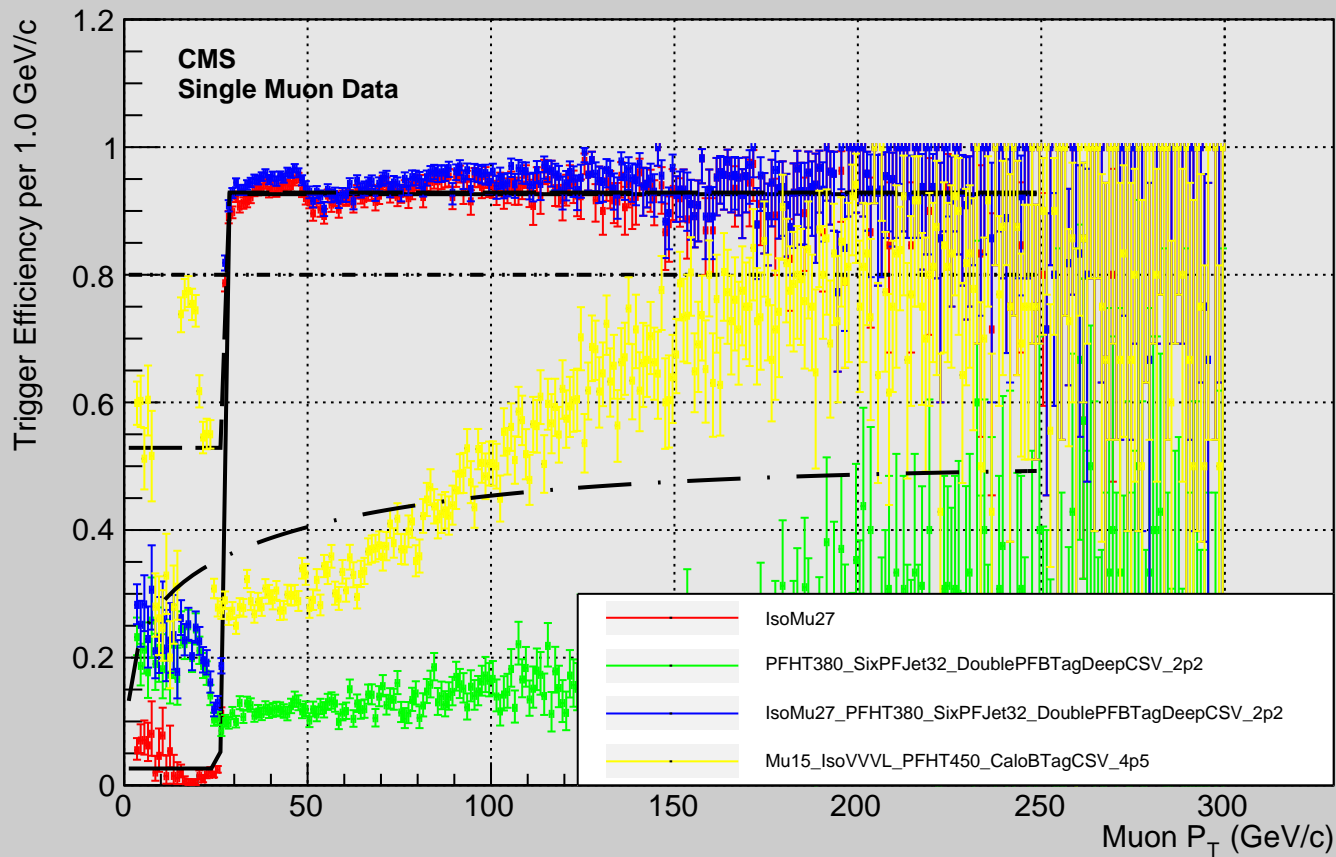


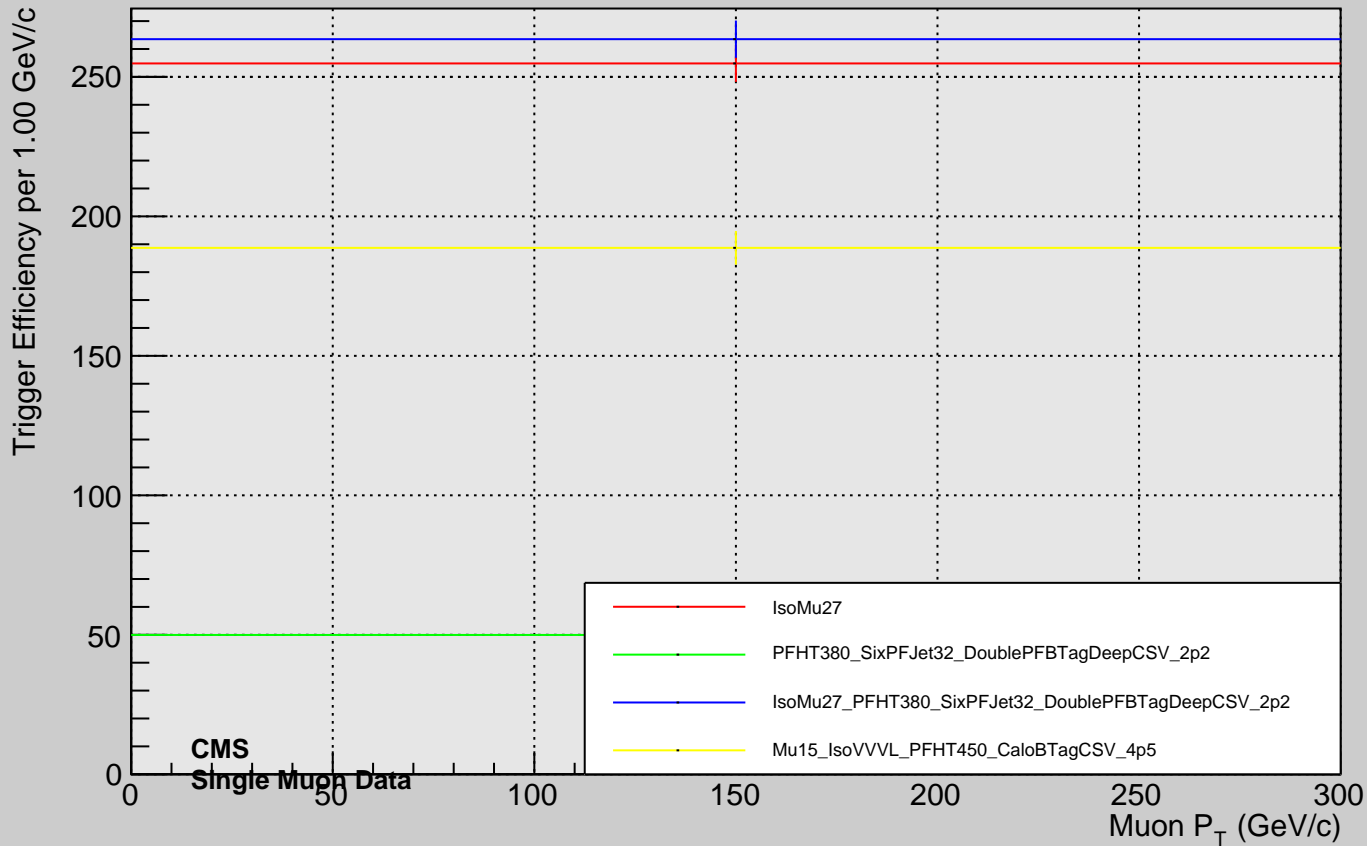
Number of Events per 1 GeV/c



Number of Events per 1 GeV/c







Number of Events per 1 GeV/c

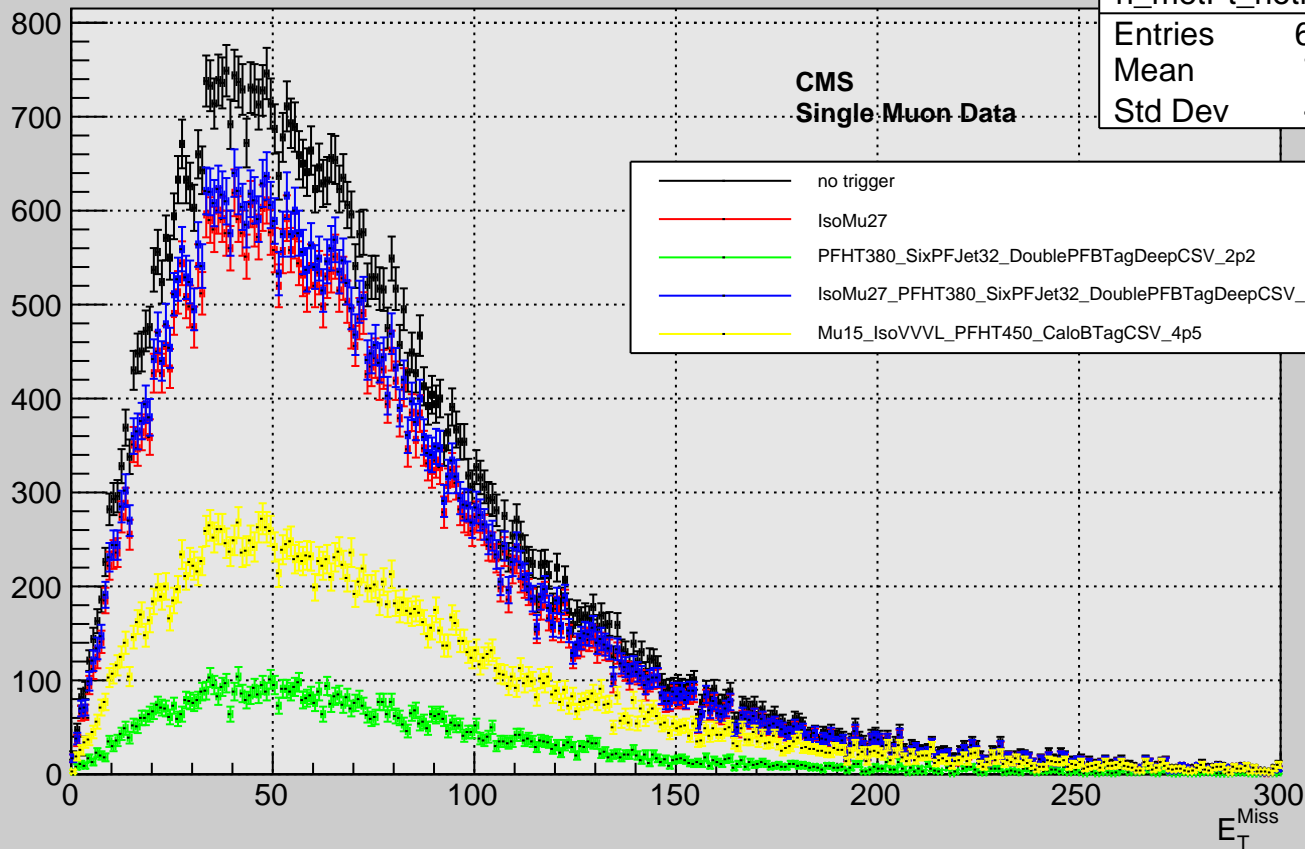
CMS
Single Muon Data

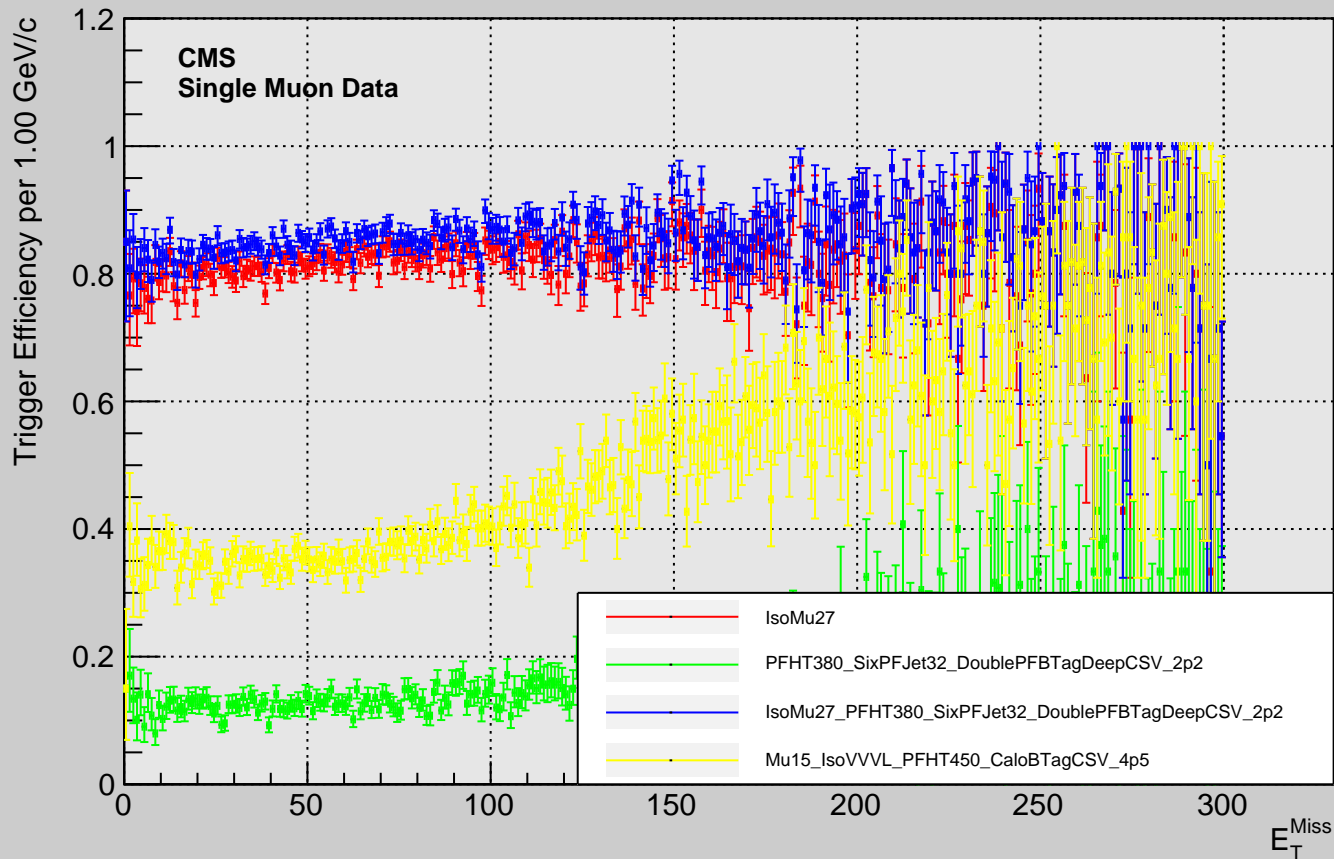
h_metPt_notrigger

Entries 66188

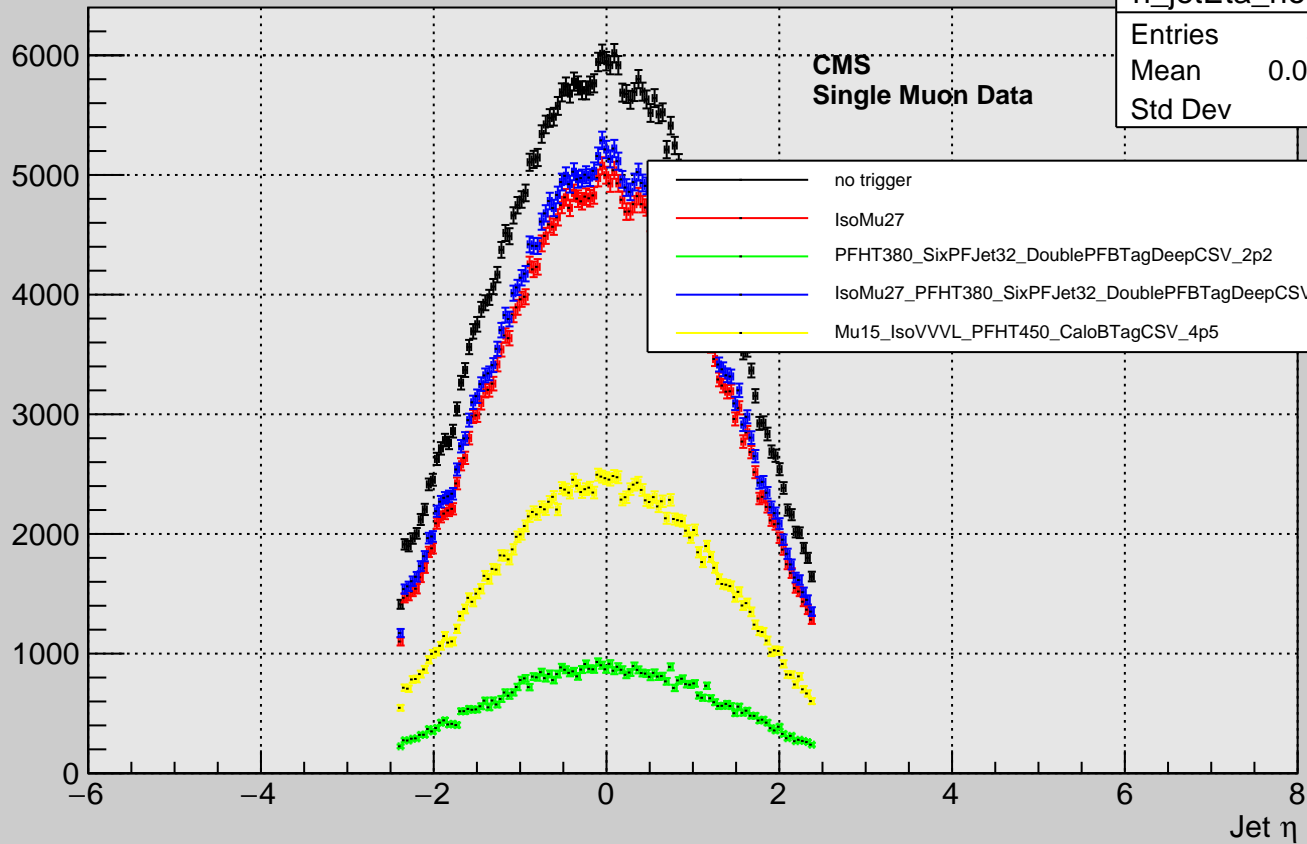
Mean 71.59

Std Dev 47.67





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



h_jetEta_notrigger

Entries 429438

Mean 0.0002305

Std Dev 1.169

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

