

On-line (pre-)selection Requisites for:

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

Event Limit: None (see last page)

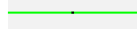
Off-line (post-)selection Requisites for:

- **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 $\text{PFRelIso_all} < 0.15$ (for at least 1)

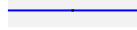
Muon Pt = 5



IsoMu24



PFHT380_SixJet32_DoubleBTagCSV_p075



IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

Muon Pt = 10



IsoMu24

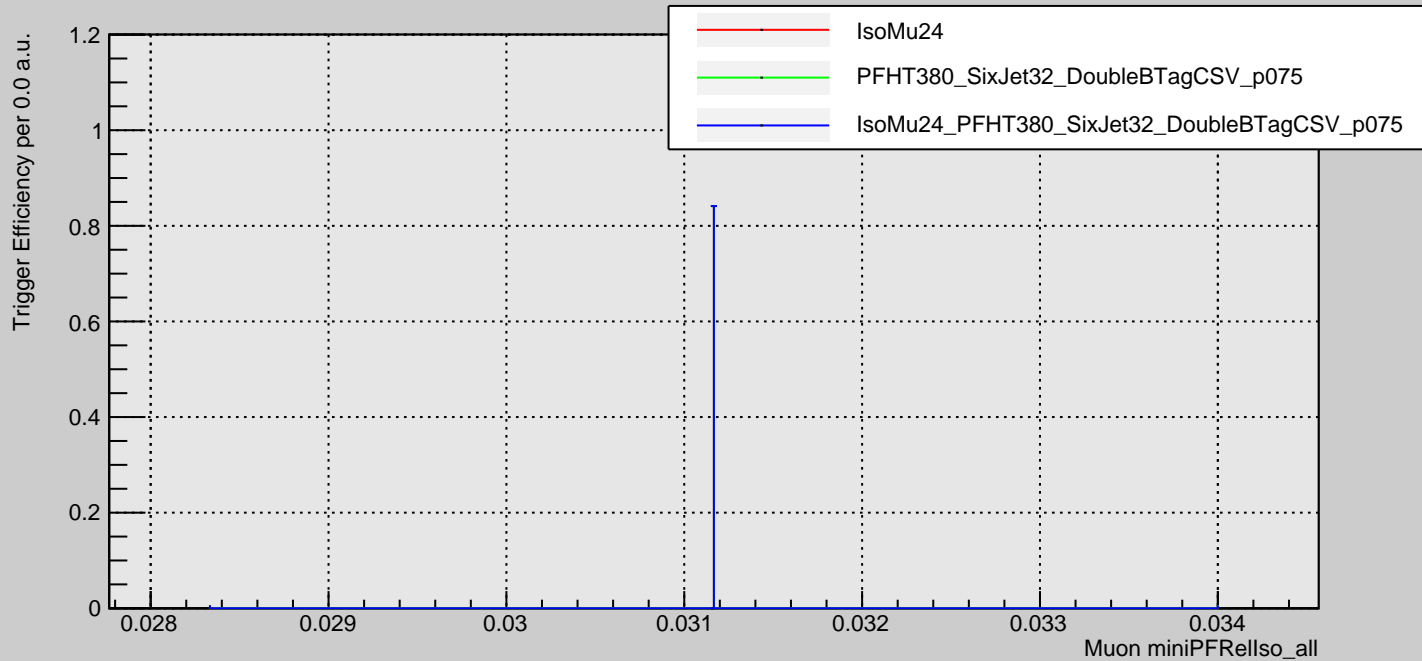


PFHT380_SixJet32_DoubleBTagCSV_p075

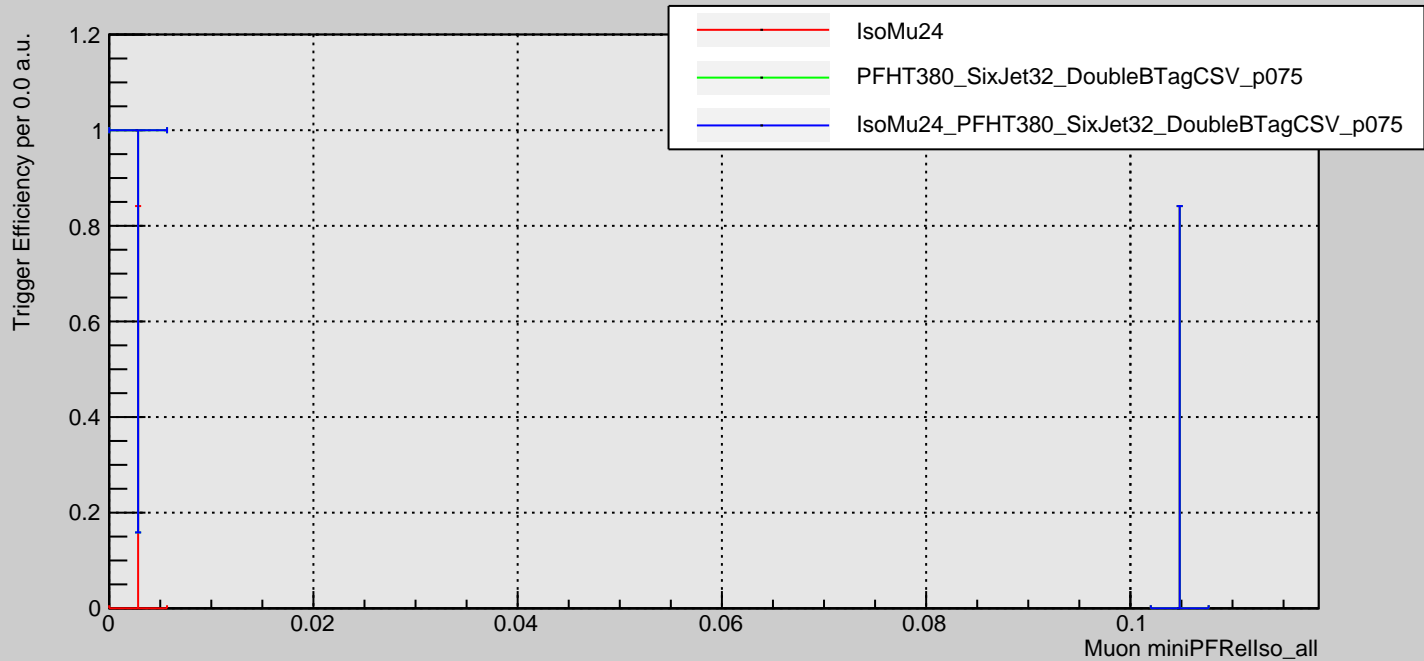


IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

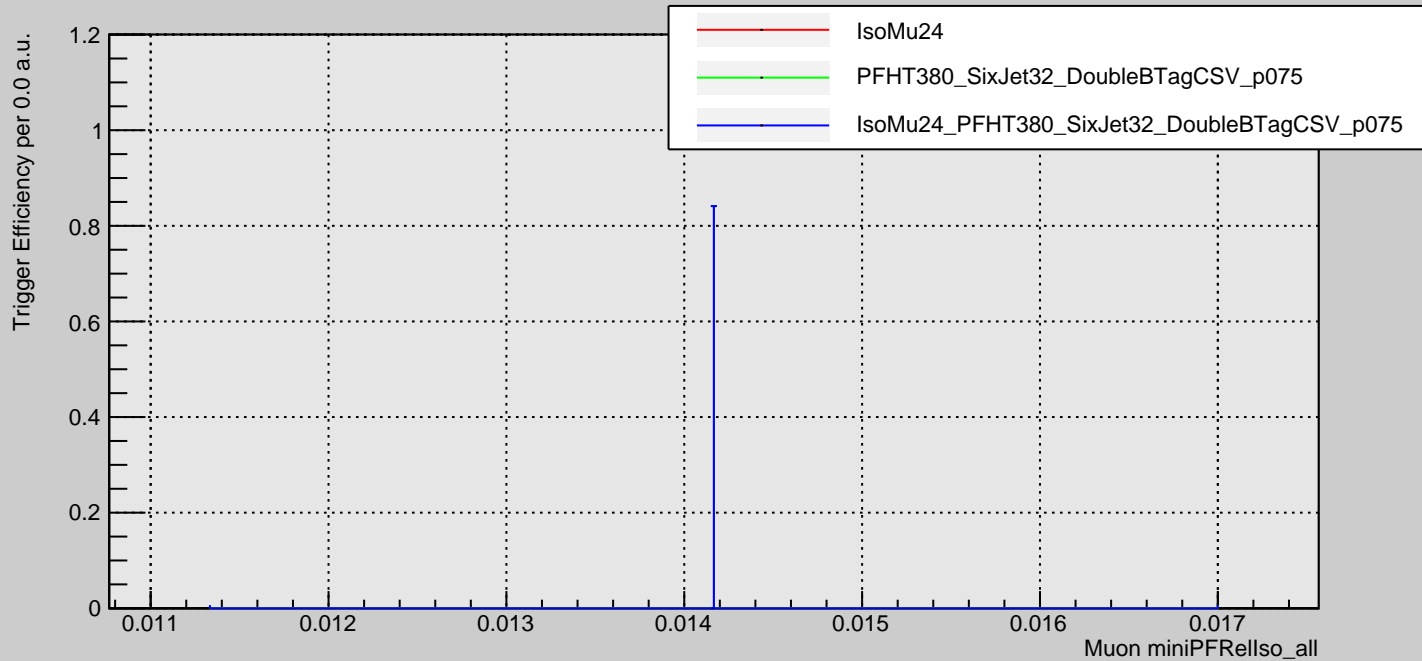
Muon Pt = 15



Muon Pt = 20



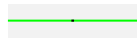
Muon Pt = 25



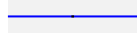
Muon Pt = 30



IsoMu24

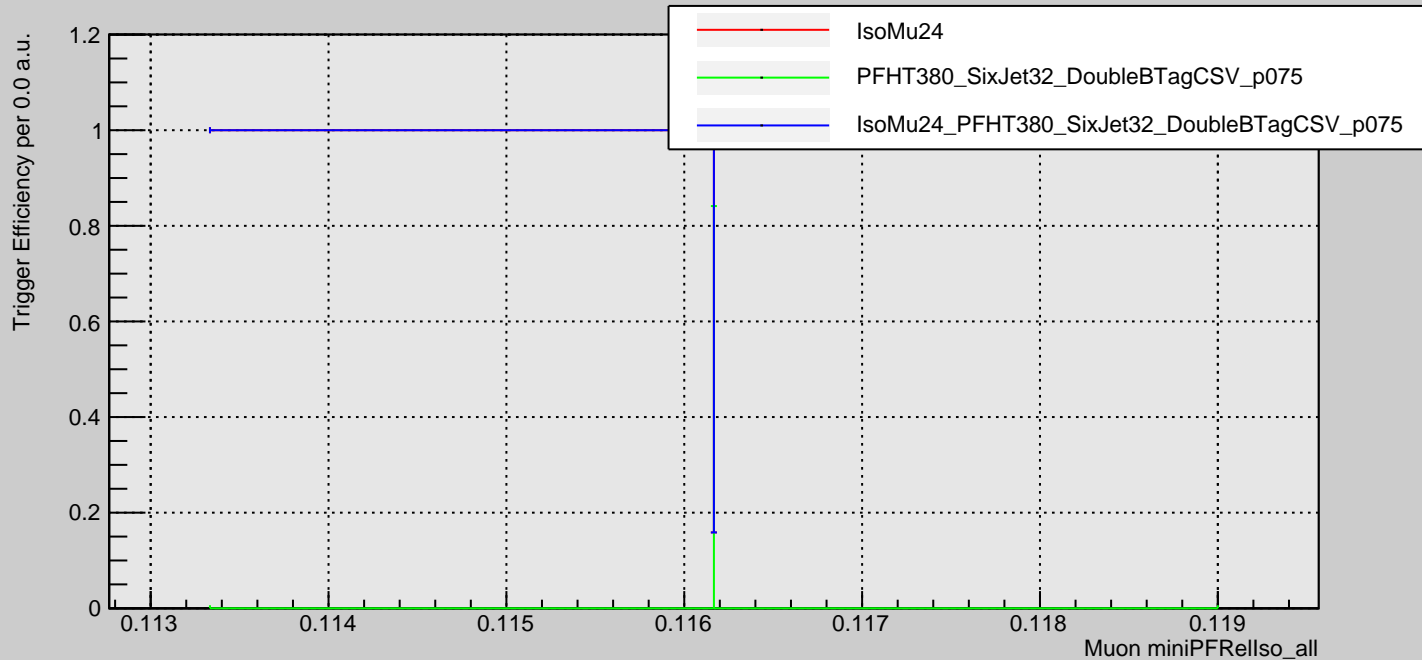


PFHT380_SixJet32_DoubleBTagCSV_p075



IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

Muon Pt = 35



Muon Pt = 40



IsoMu24

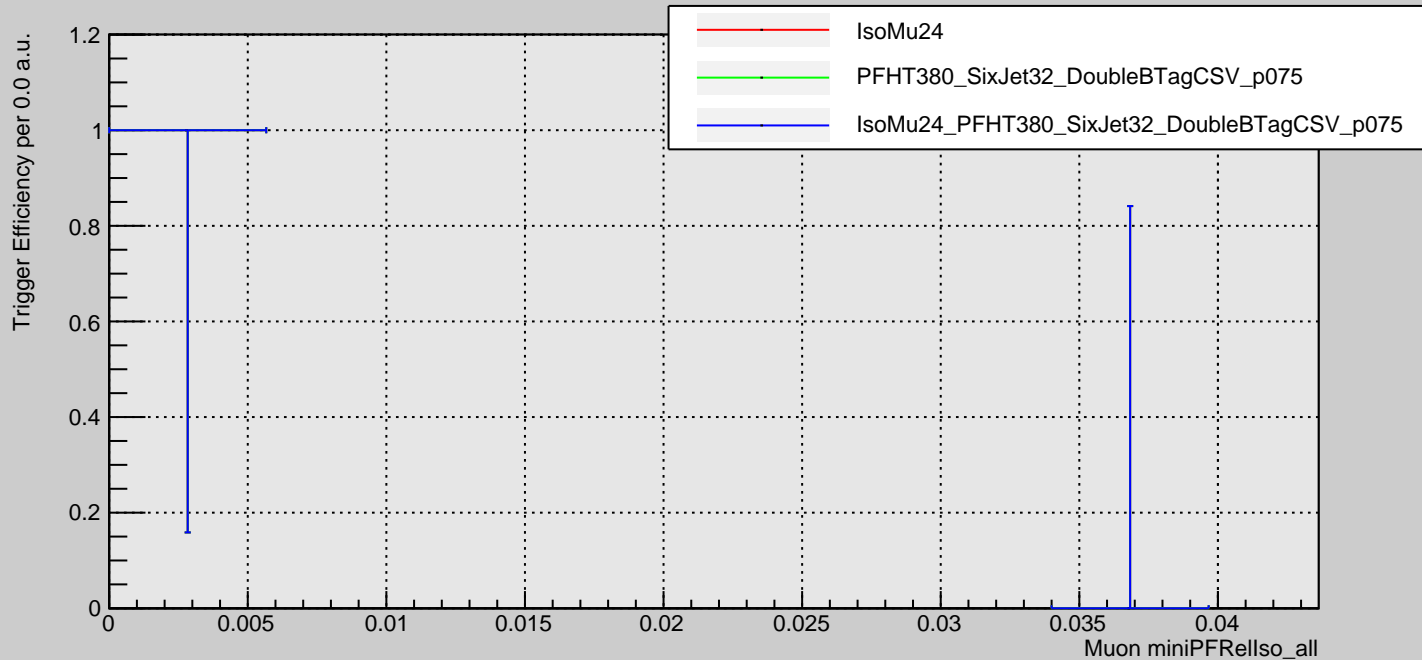


PFHT380_SixJet32_DoubleBTagCSV_p075



IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

Muon Pt = 45



Muon Pt = 50



IsoMu24

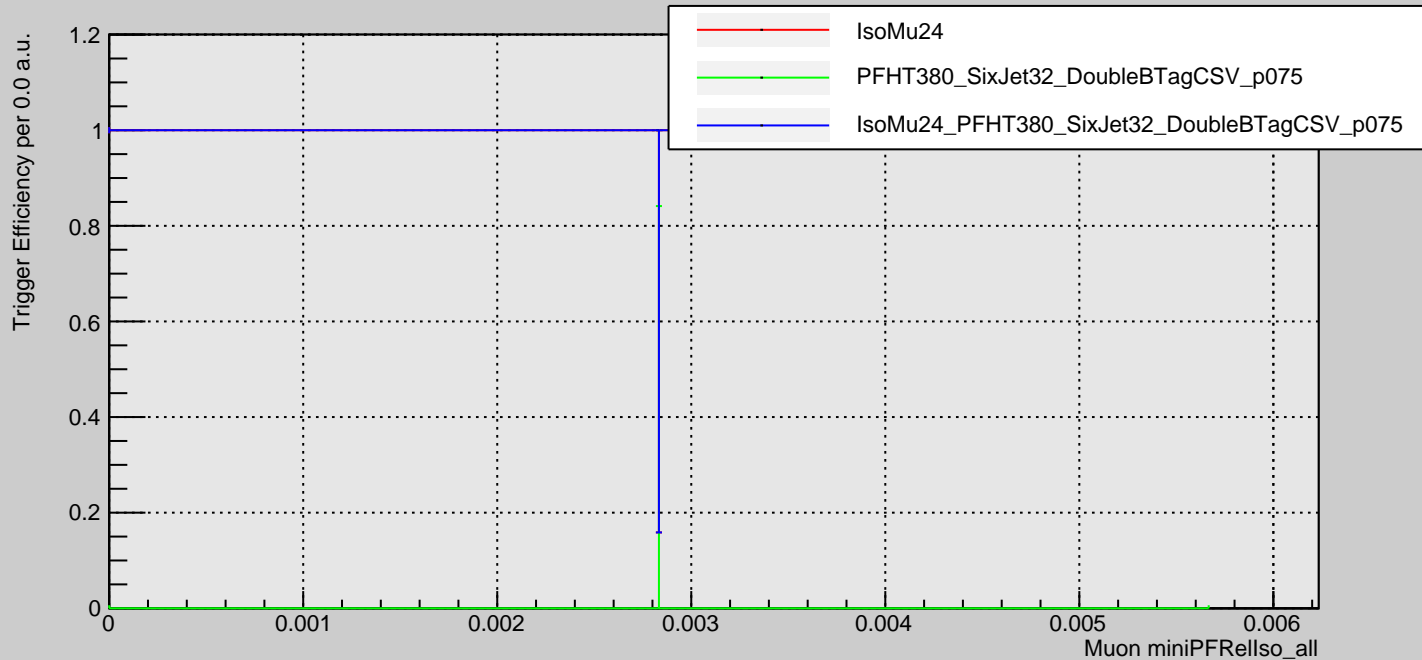


PFHT380_SixJet32_DoubleBTagCSV_p075

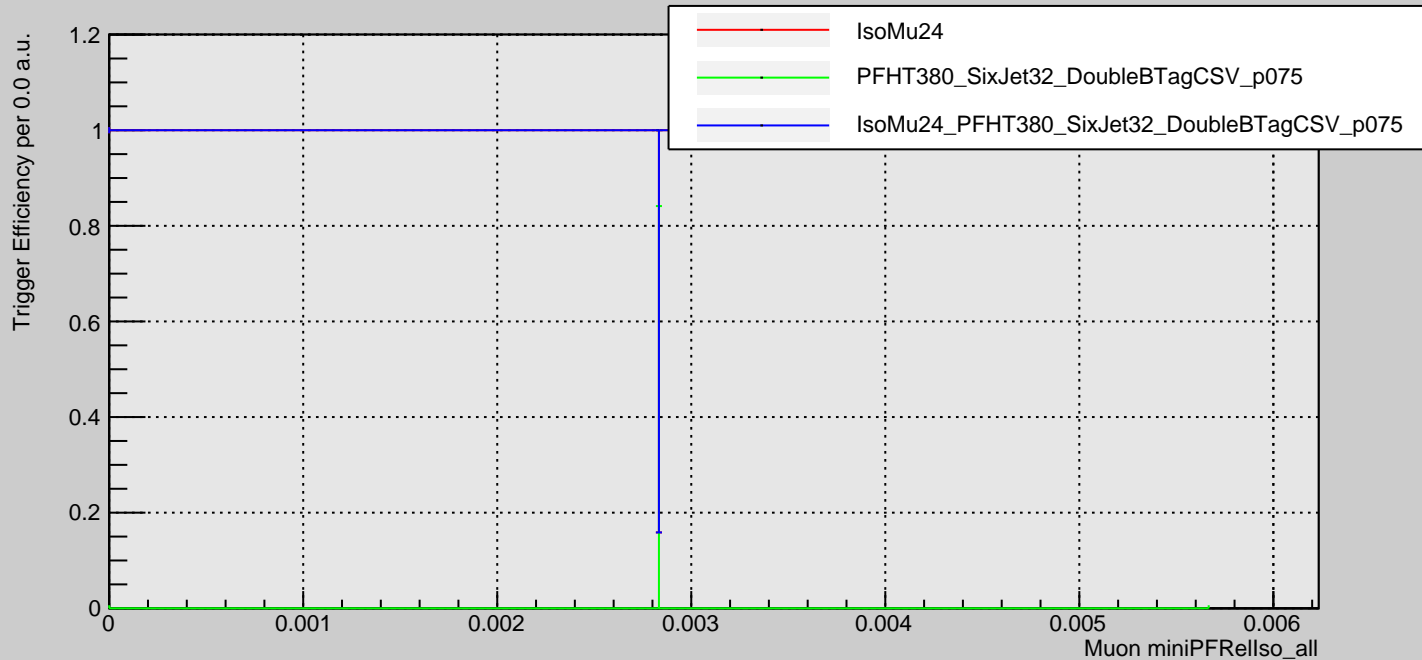


IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

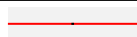
Muon Pt = 55



Muon Pt = 60



Muon Pt = 65



IsoMu24

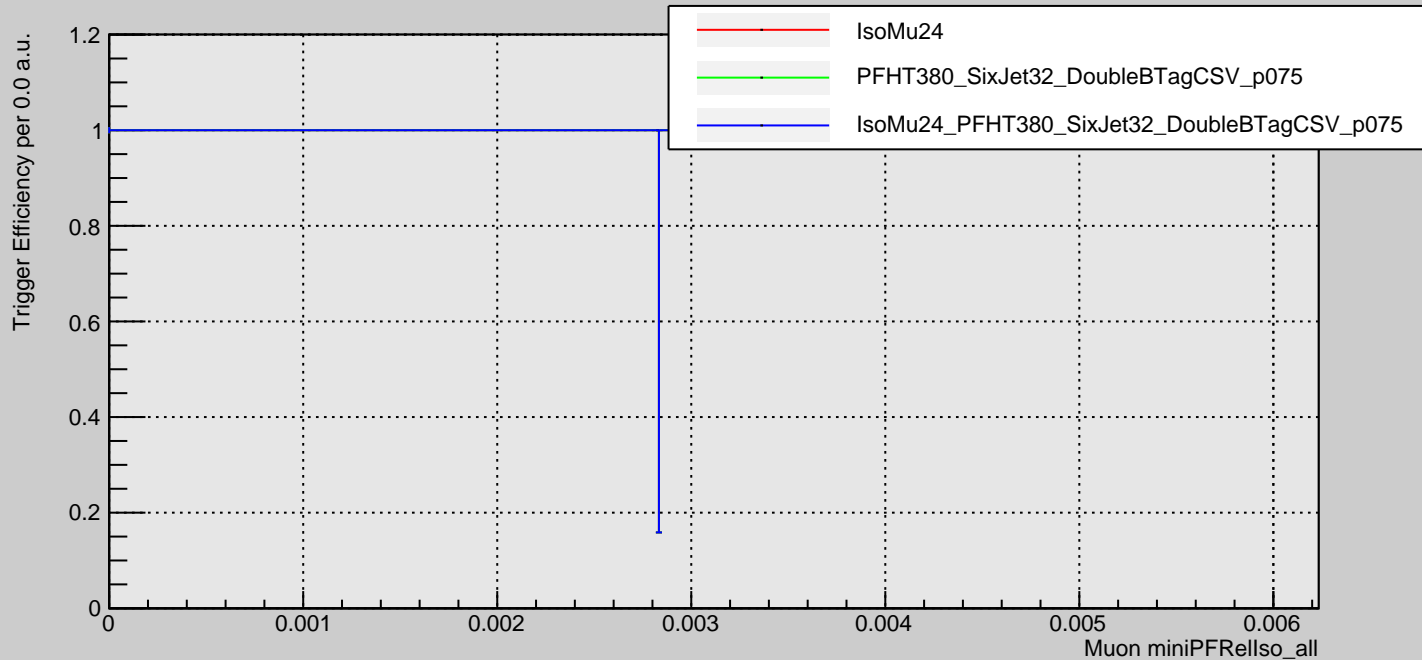


PFHT380_SixJet32_DoubleBTagCSV_p075



IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

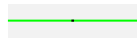
Muon Pt = 70



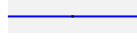
Muon Pt = 75



IsoMu24



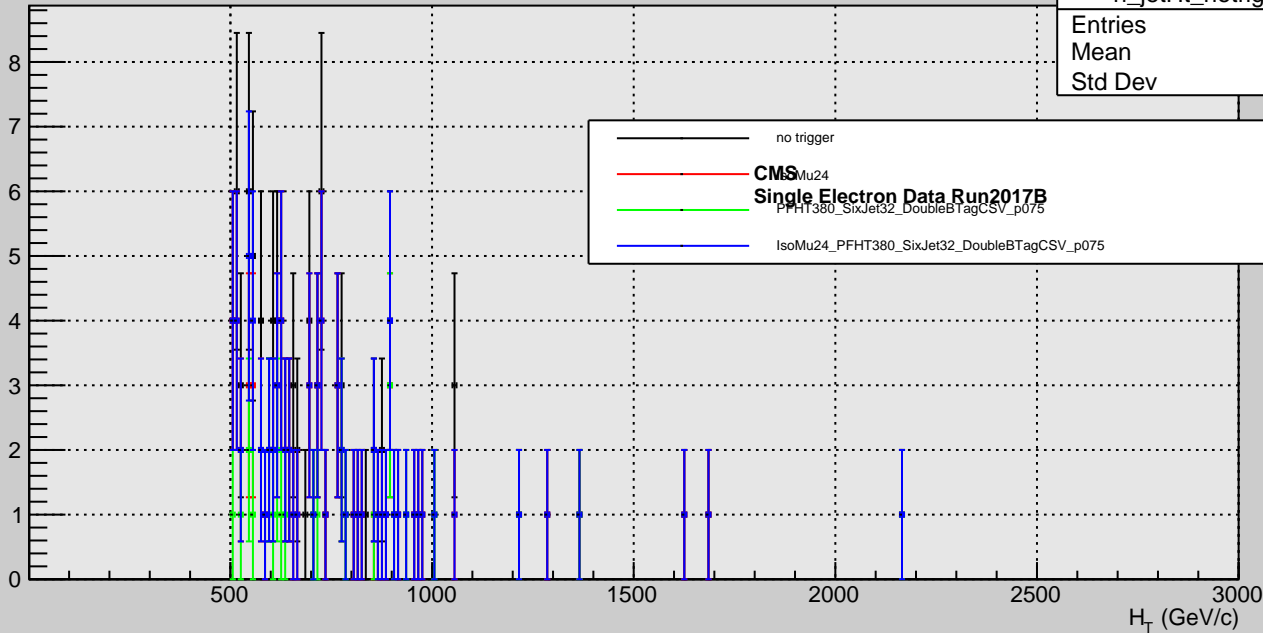
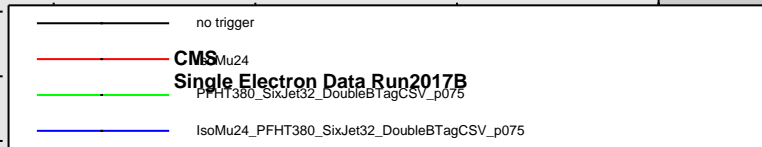
PFHT380_SixJet32_DoubleBTagCSV_p075

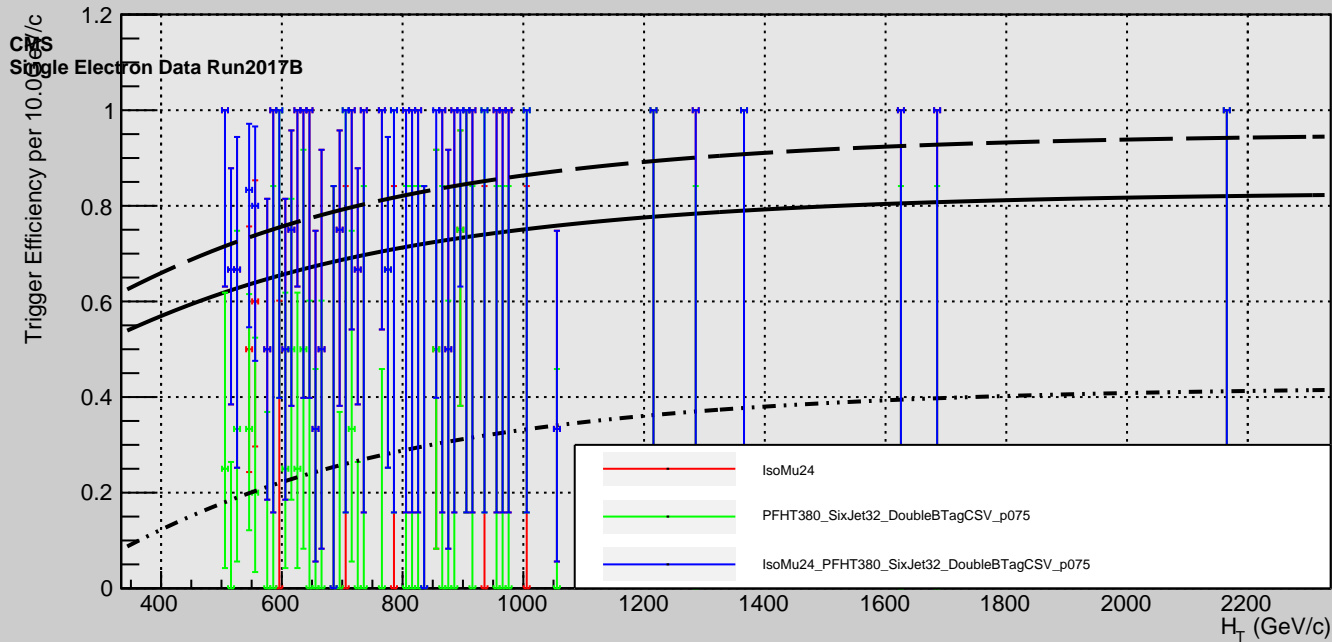


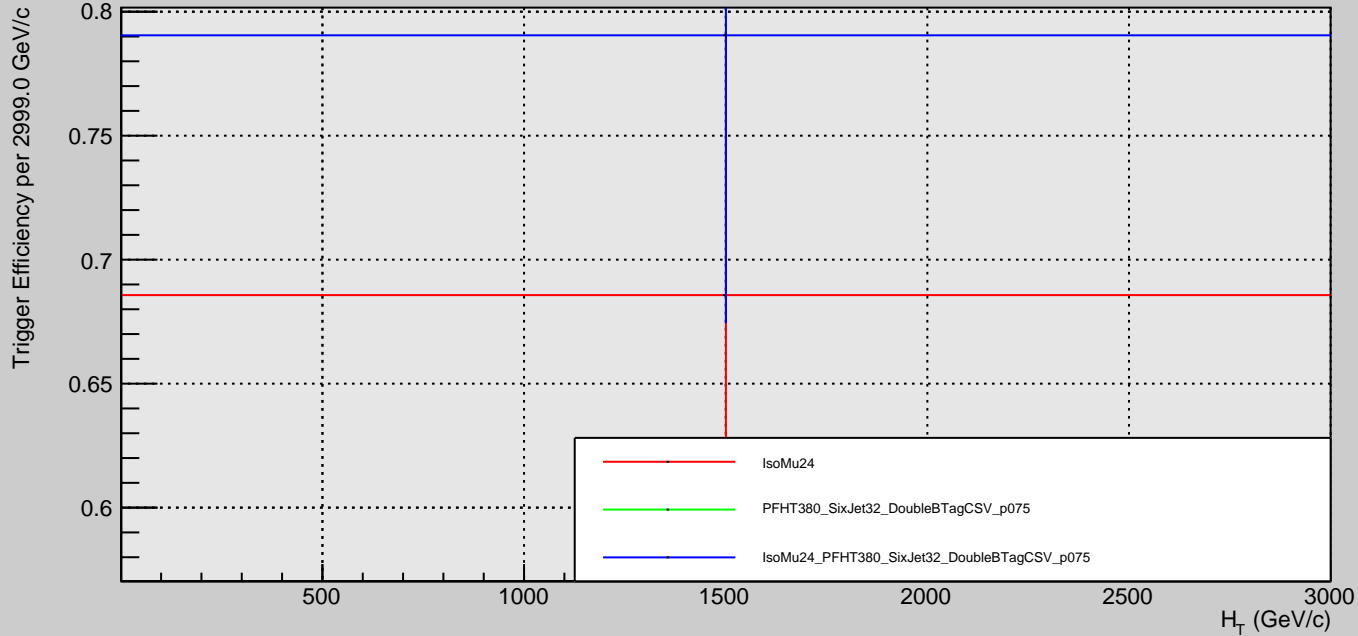
IsoMu24_PFHT380_SixJet32_DoubleBTagCSV_p075

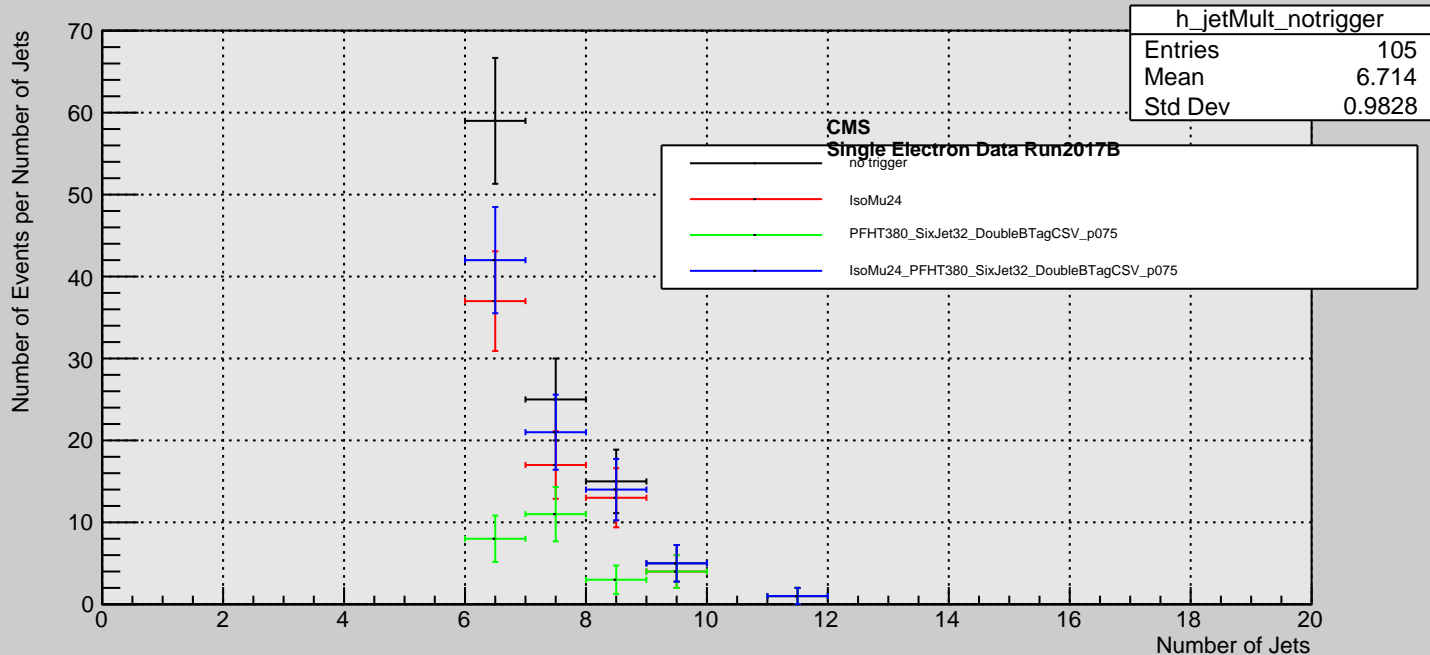
Number of Events per 10 GeV/c

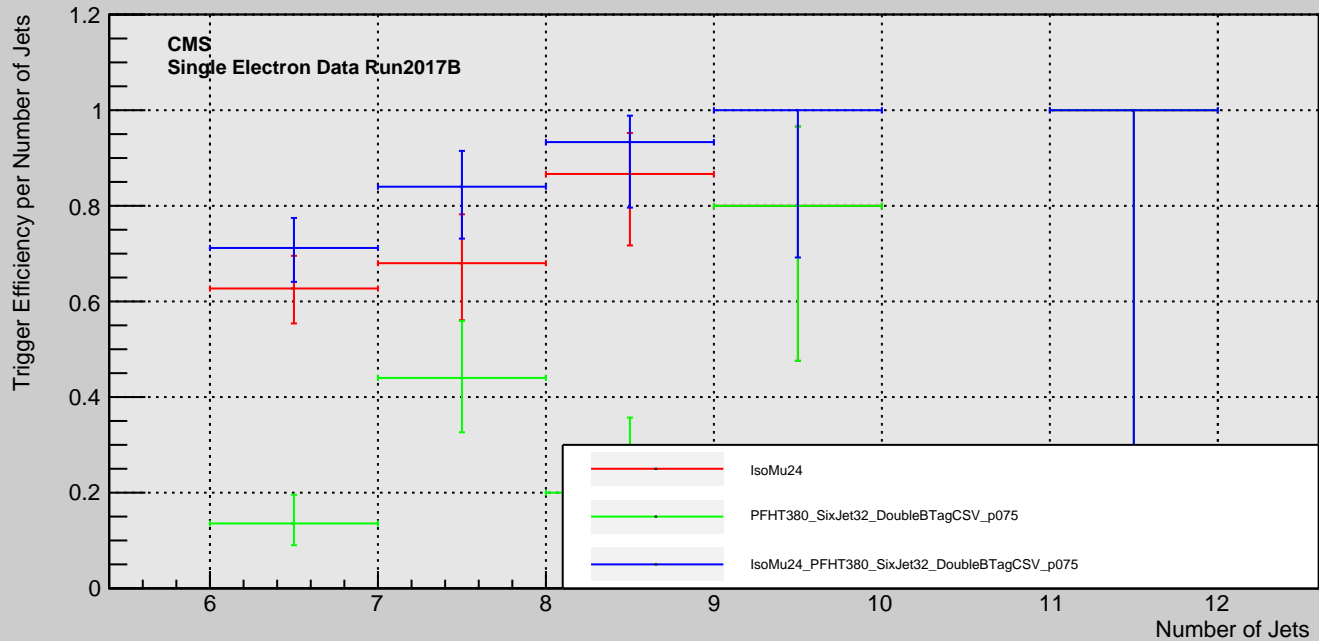
h_jetHt_notrigger	
Entries	105
Mean	745.1
Std Dev	257.8



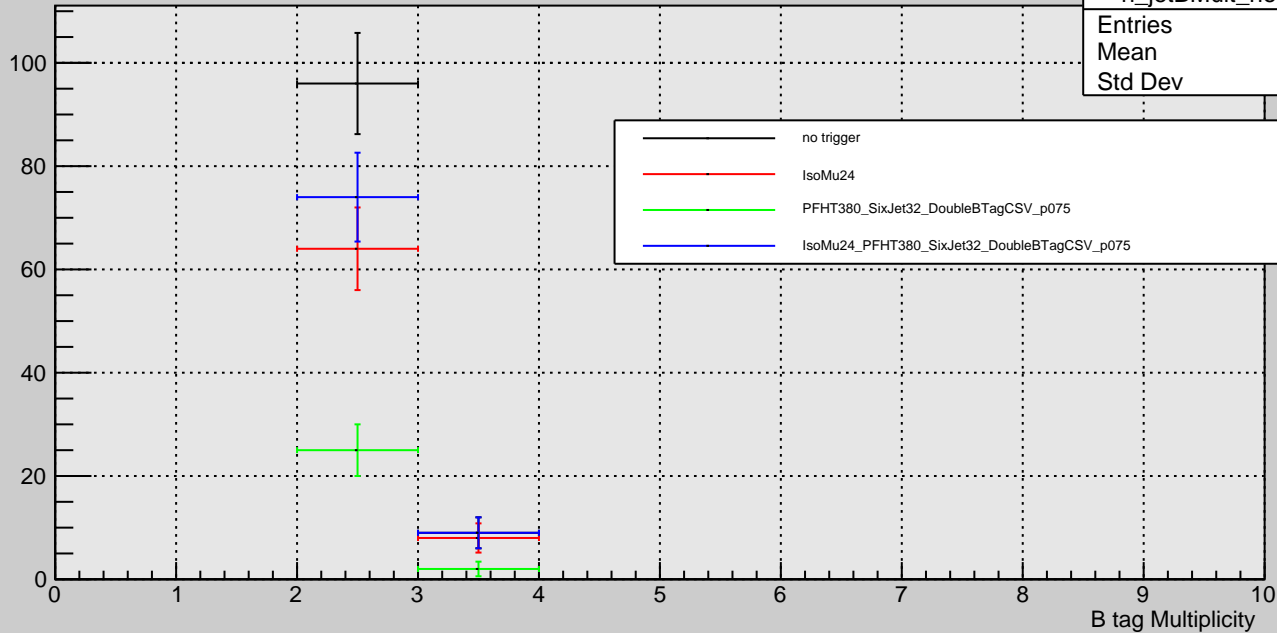




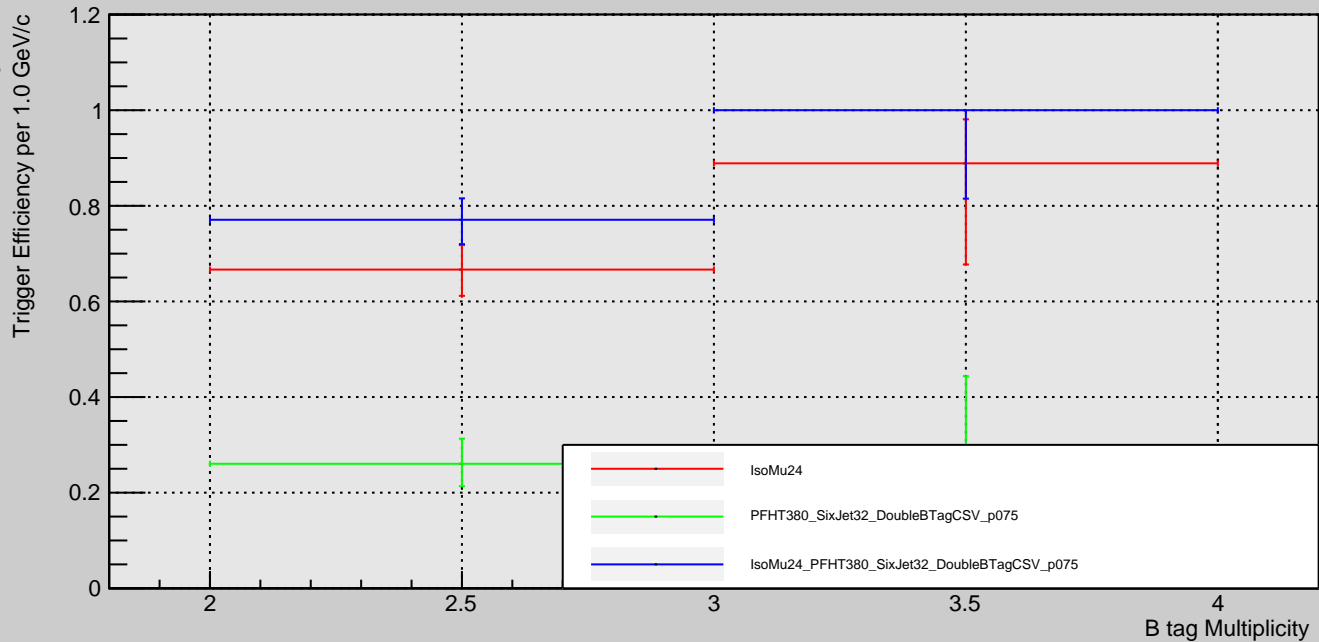


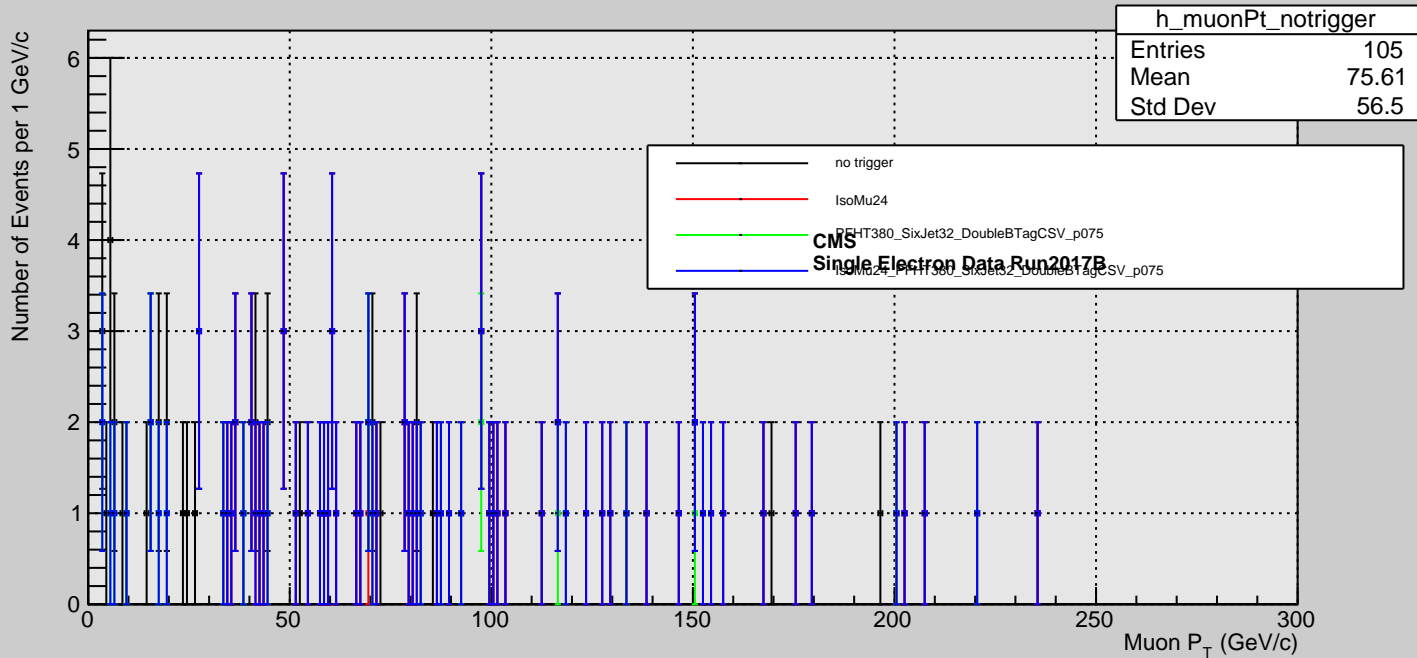


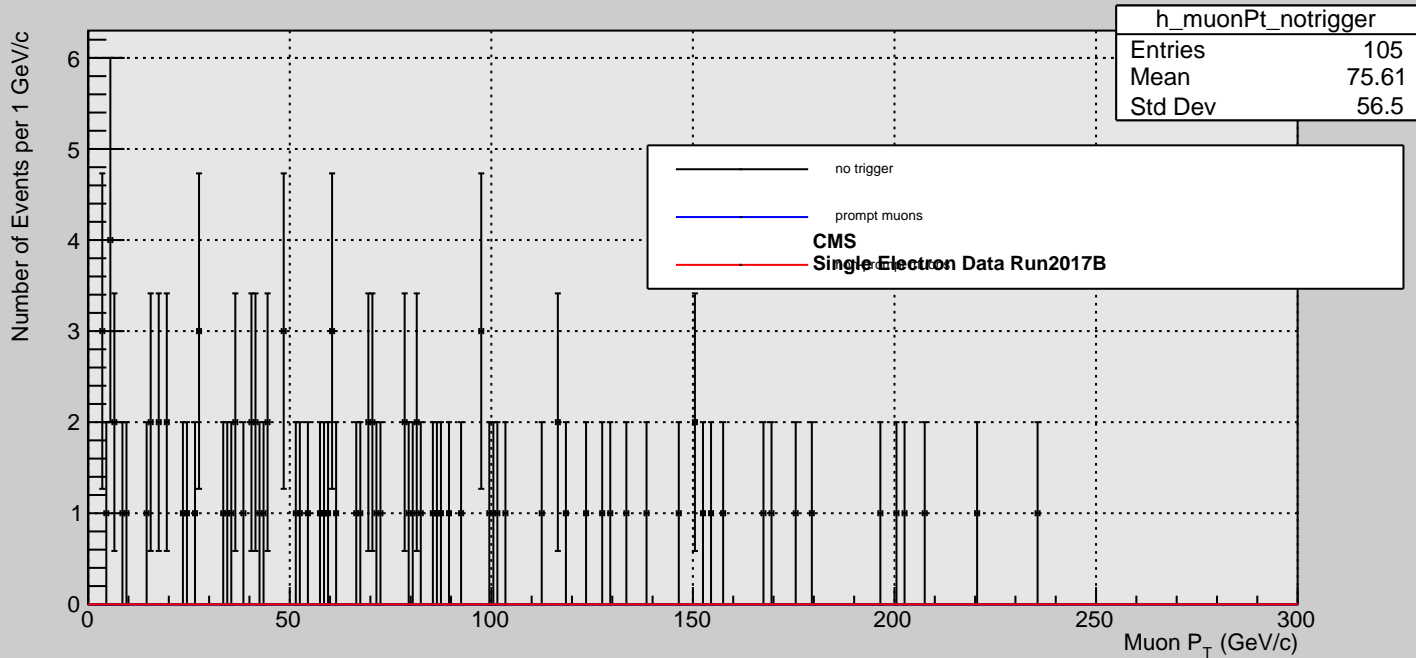
Number of Events per Number of Jets

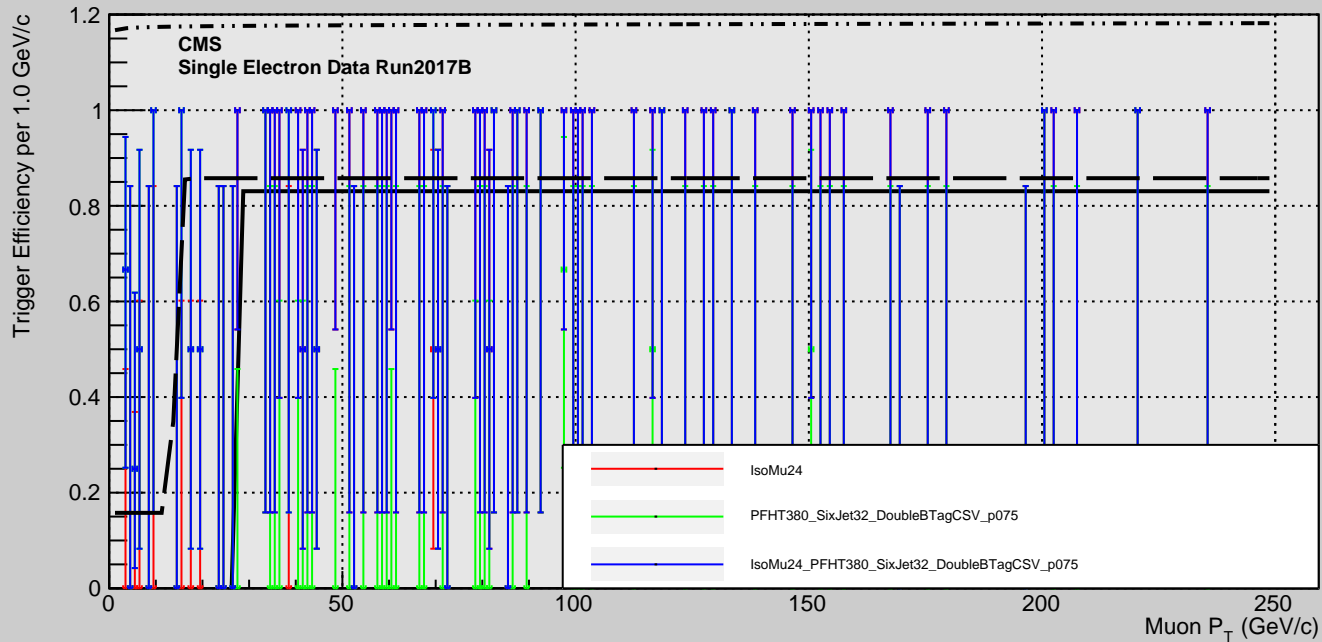


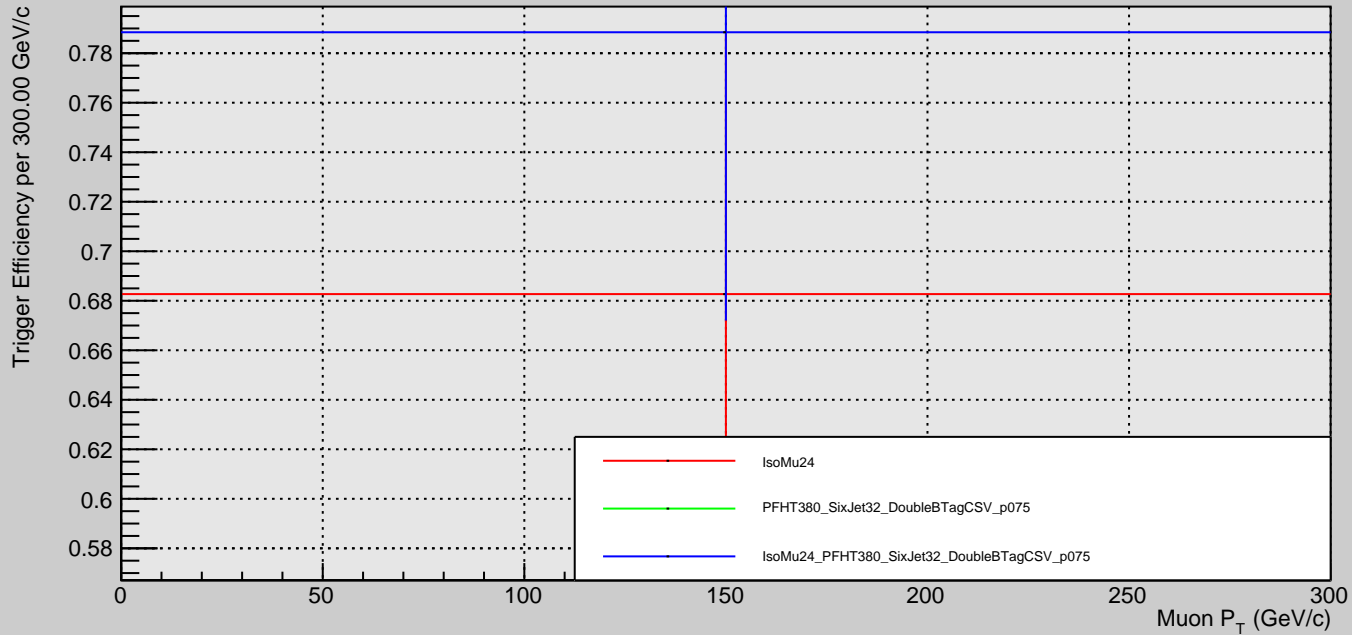
017B



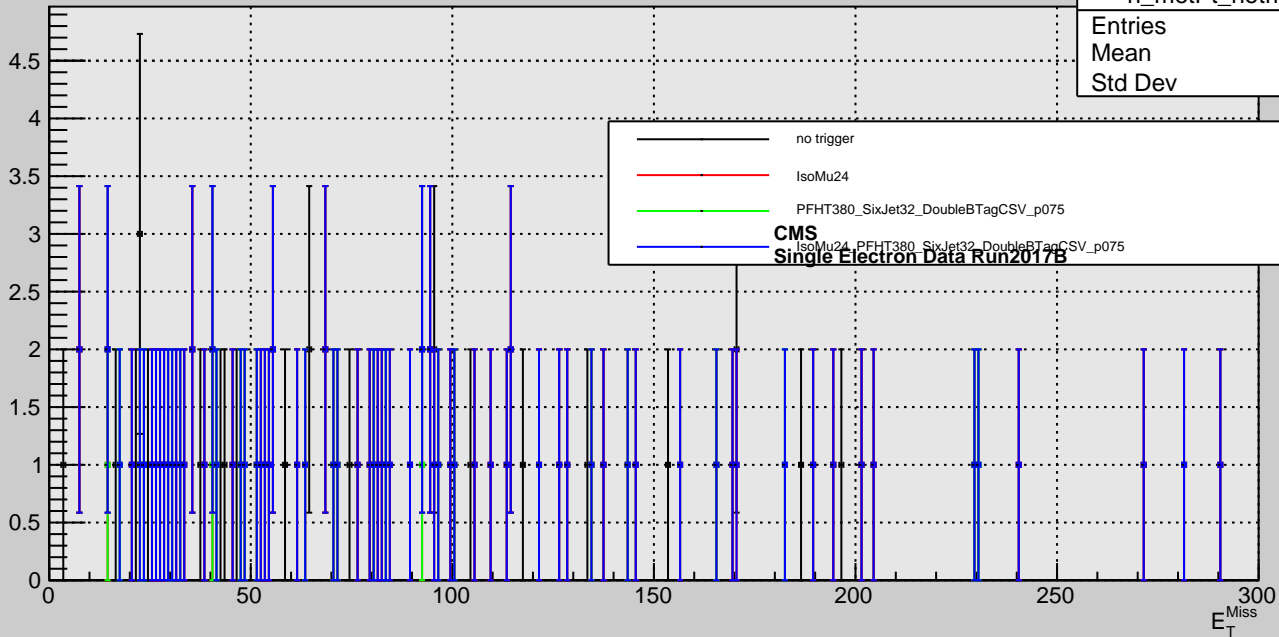


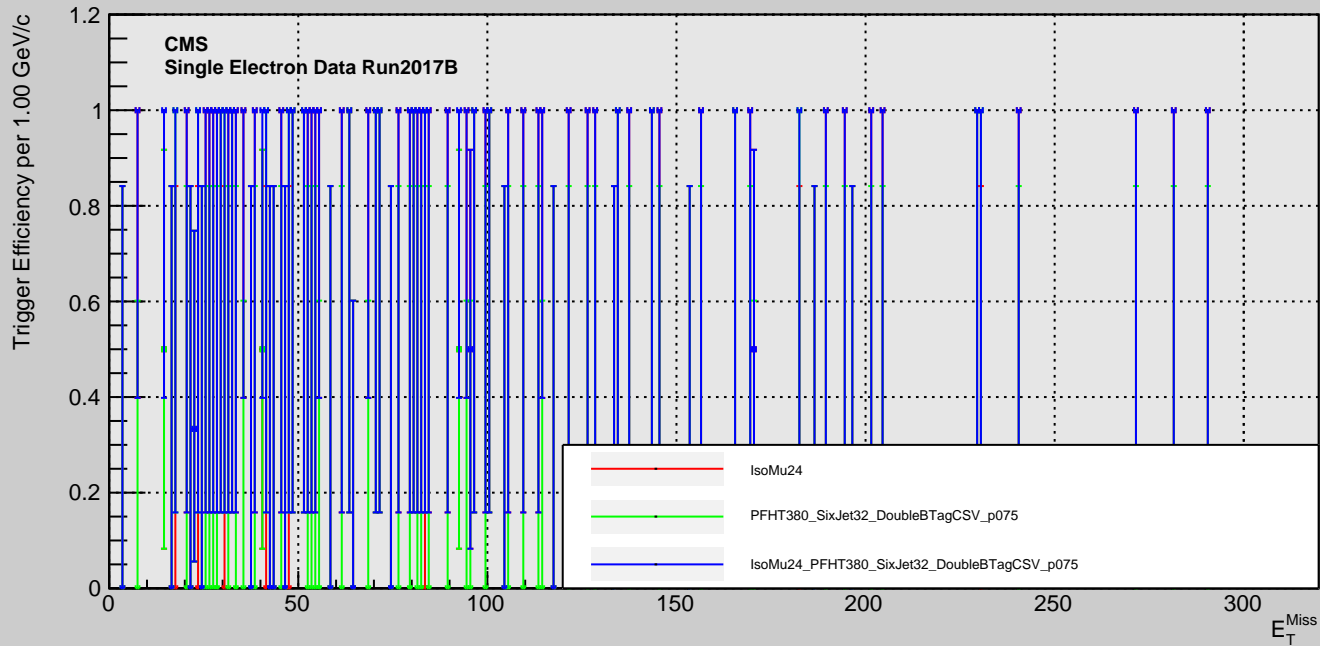




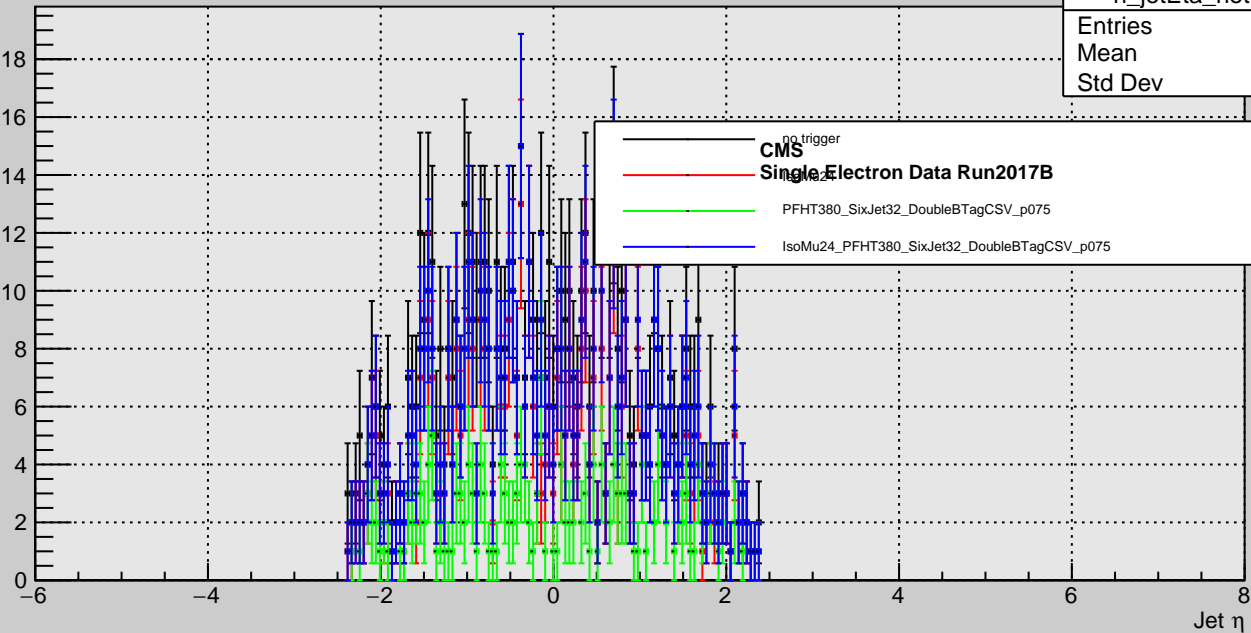


Number of Events per 1 GeV/c





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



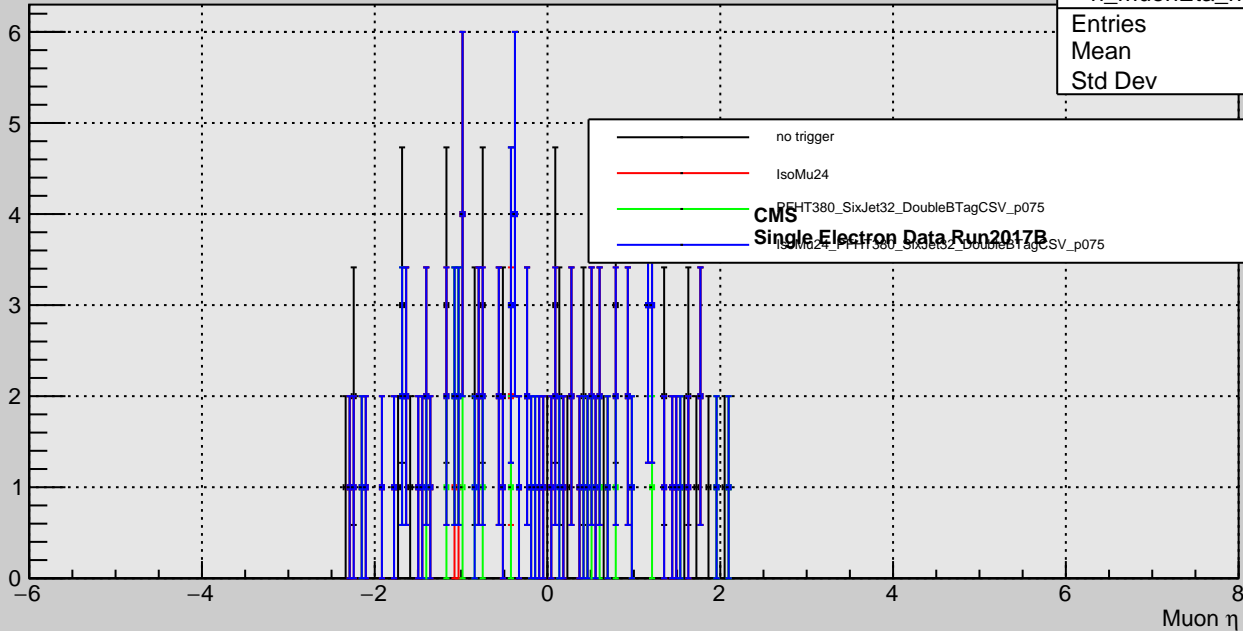
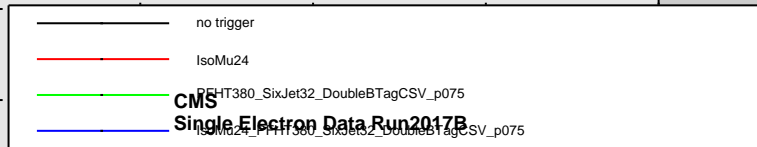
h_jetEta_notrigger

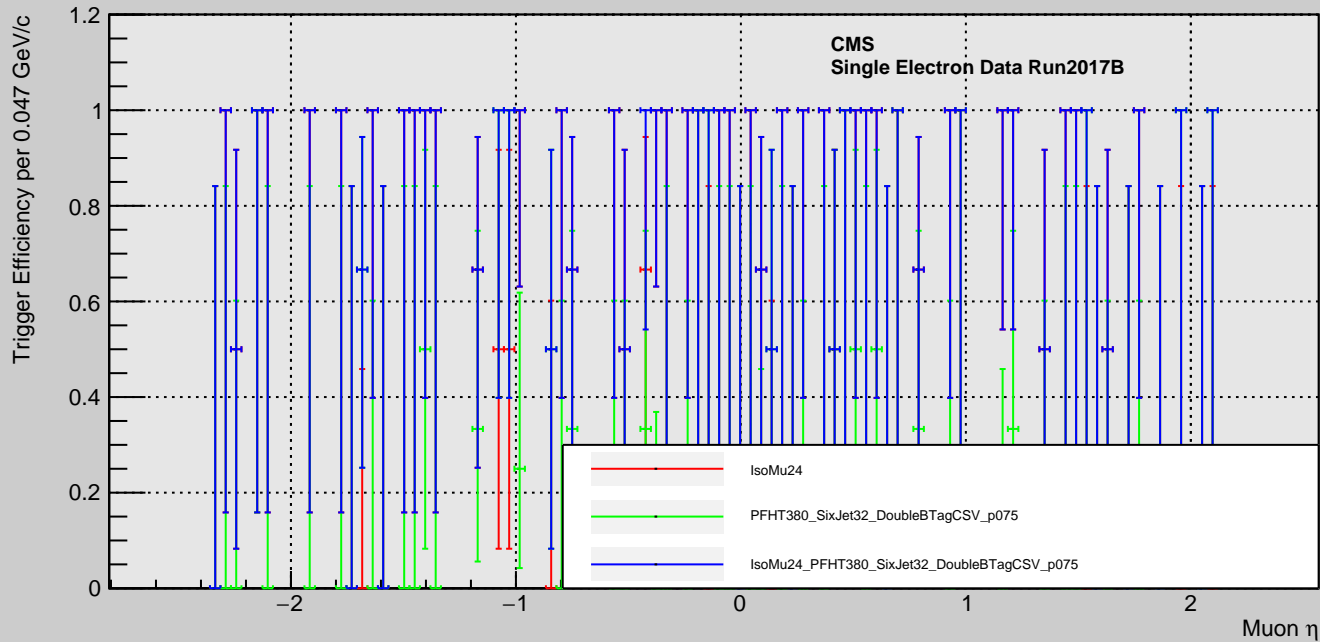
Entries	705
Mean	-0.1138
Std Dev	1.162

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

h_muonEta_notrigger

Entries	105
Mean	-0.1363
Std Dev	1.167





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

