

Pre-selection Requisites for:

- **Jets:** number > 5
- **Leptons (Muons or Electrons):** number > 0

Event Limit: None (see last page)

Baseline selection Requisites for:

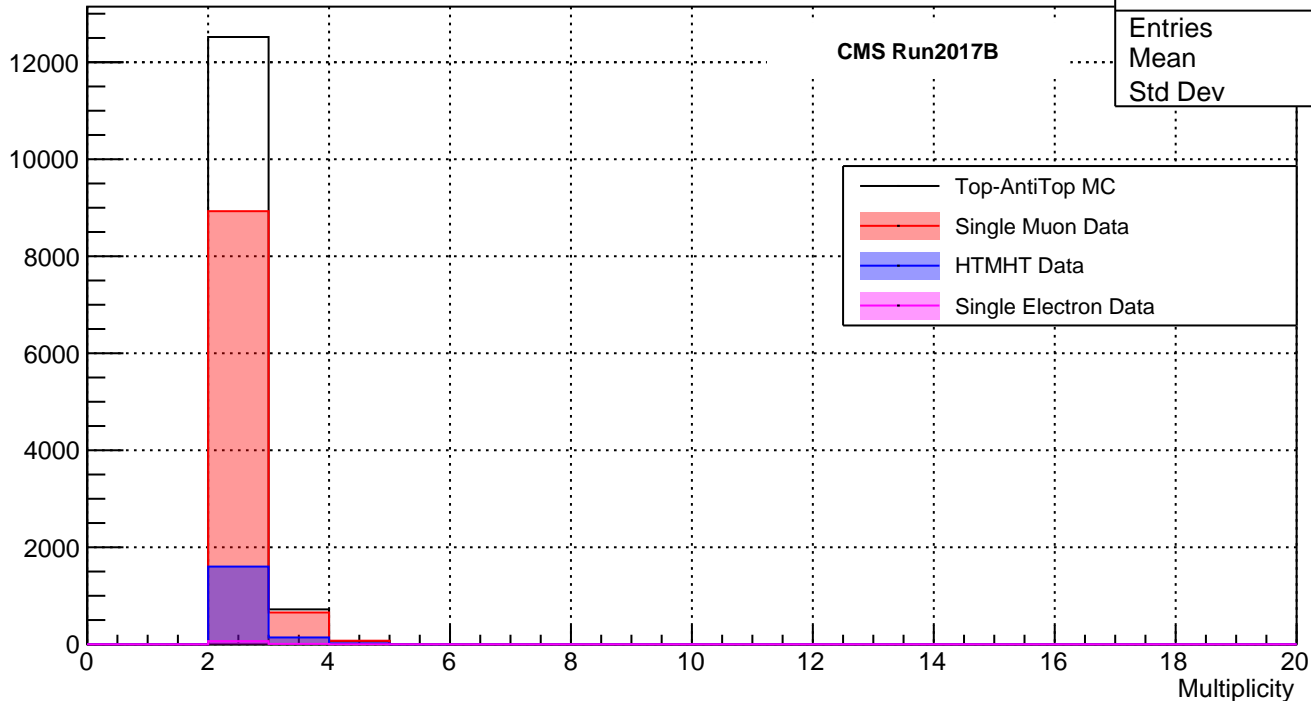
- **Jets:** $\text{jetId} > 2$, $p_T > 30$ and $|\eta| < 2.4$ (for at least 6 jets)
 $\text{btagDeepFlavB} > 0.7489$ (for at least one jet)
- **Muons:** has tightId , $|\eta| < 2.4$ and $\text{PFRelIso_all} < 0.15$ (for at least 1)
- $\text{HT} > 500 \text{ GeV}$

IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075

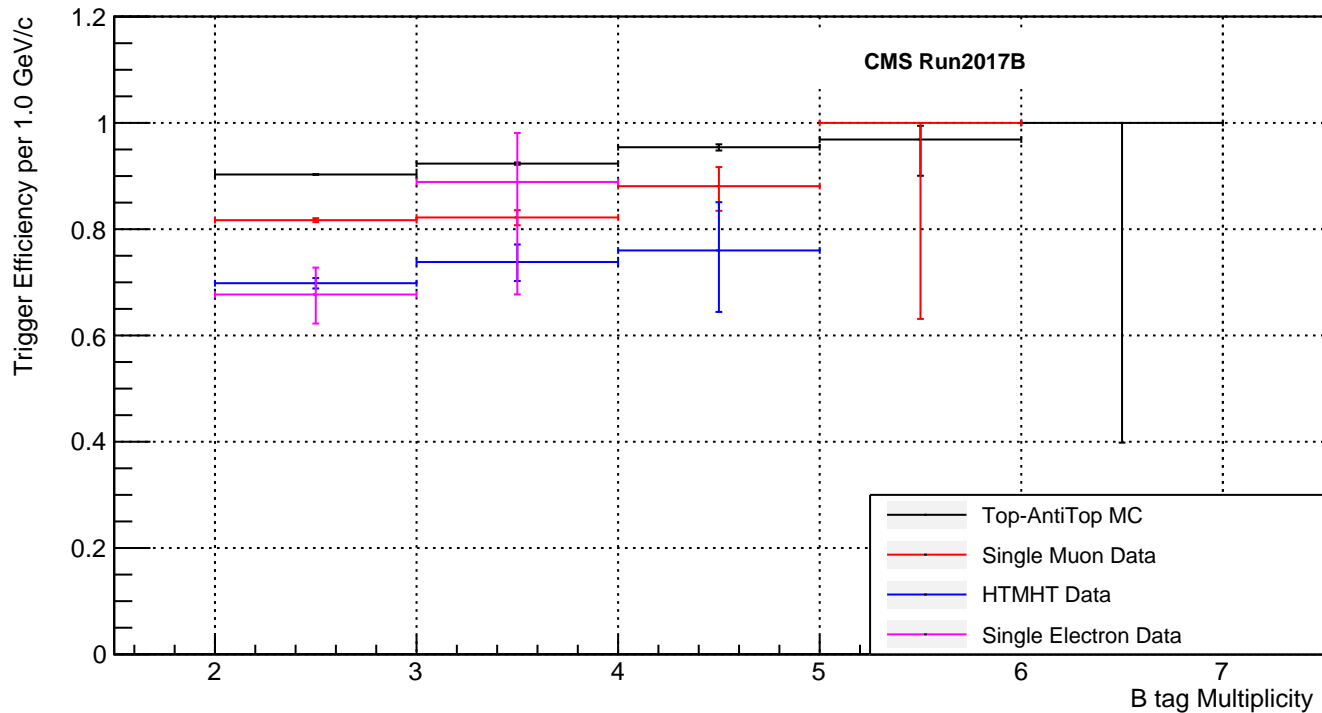
CMS Run2017B

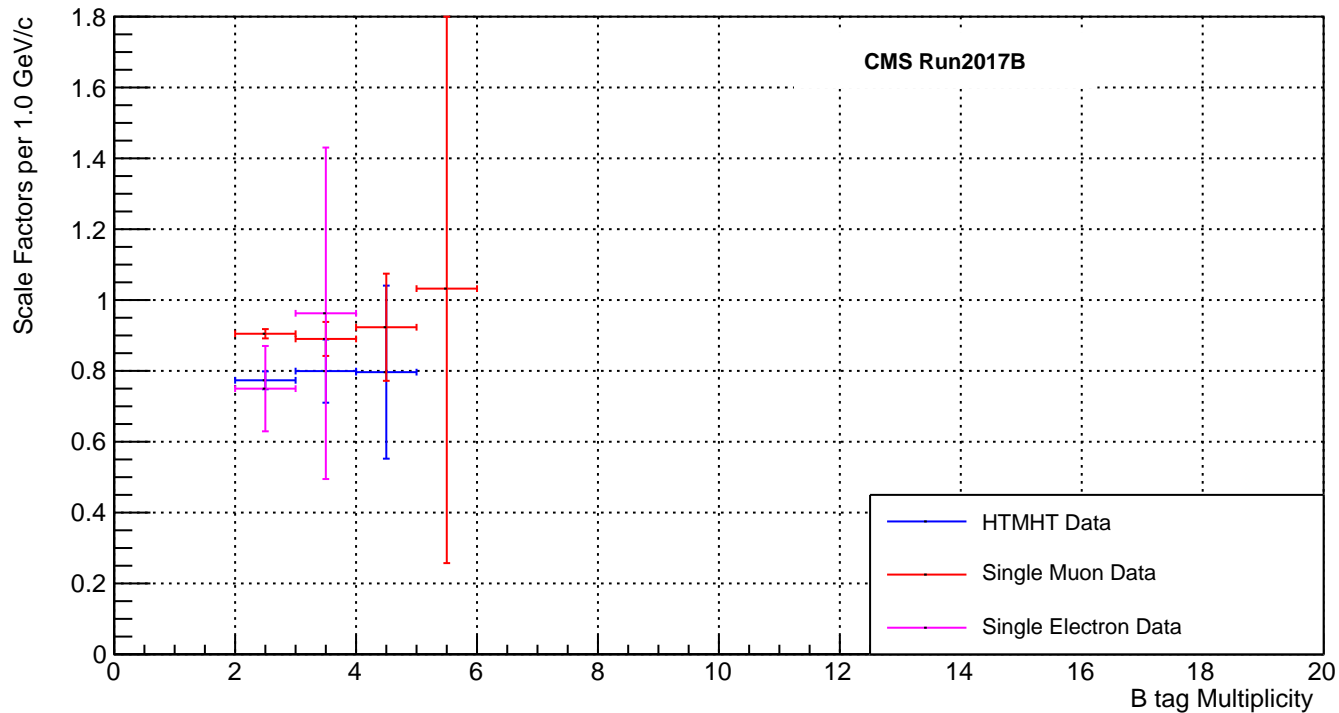
Entries	277406
Mean	2.064
Std Dev	0.2663

Number of Events /Number of Jets



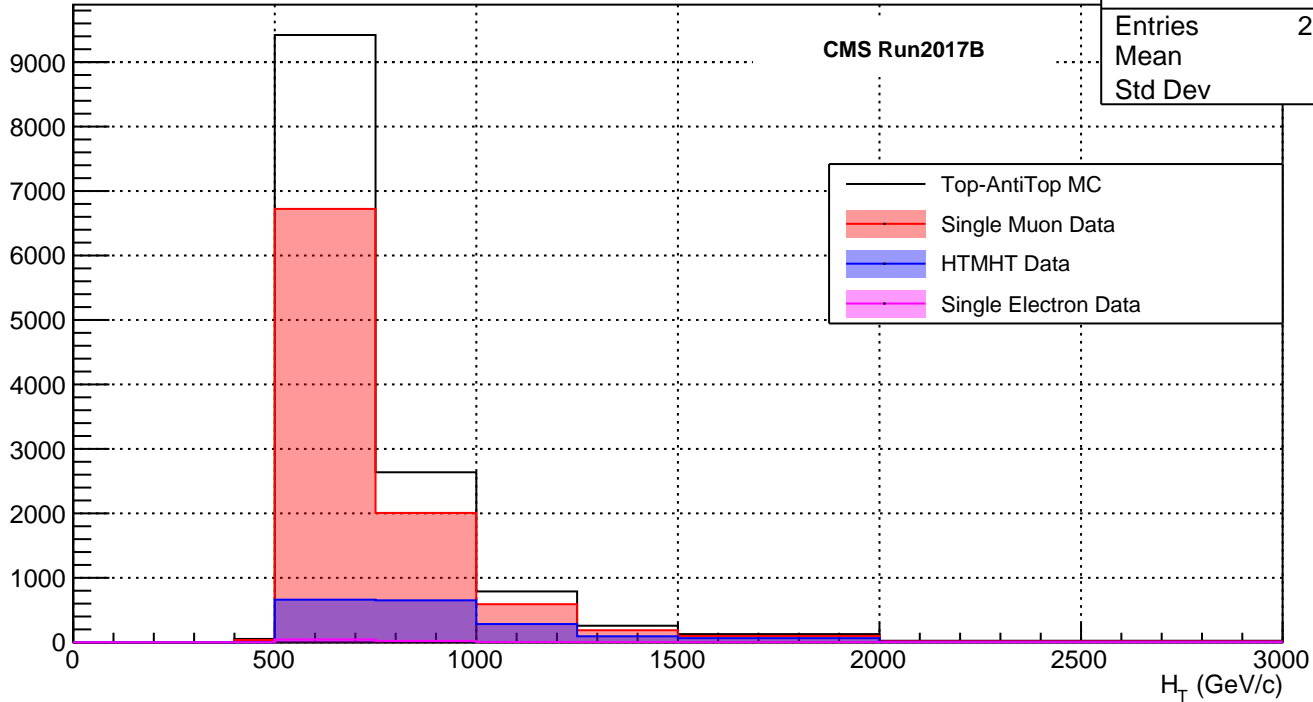
IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075



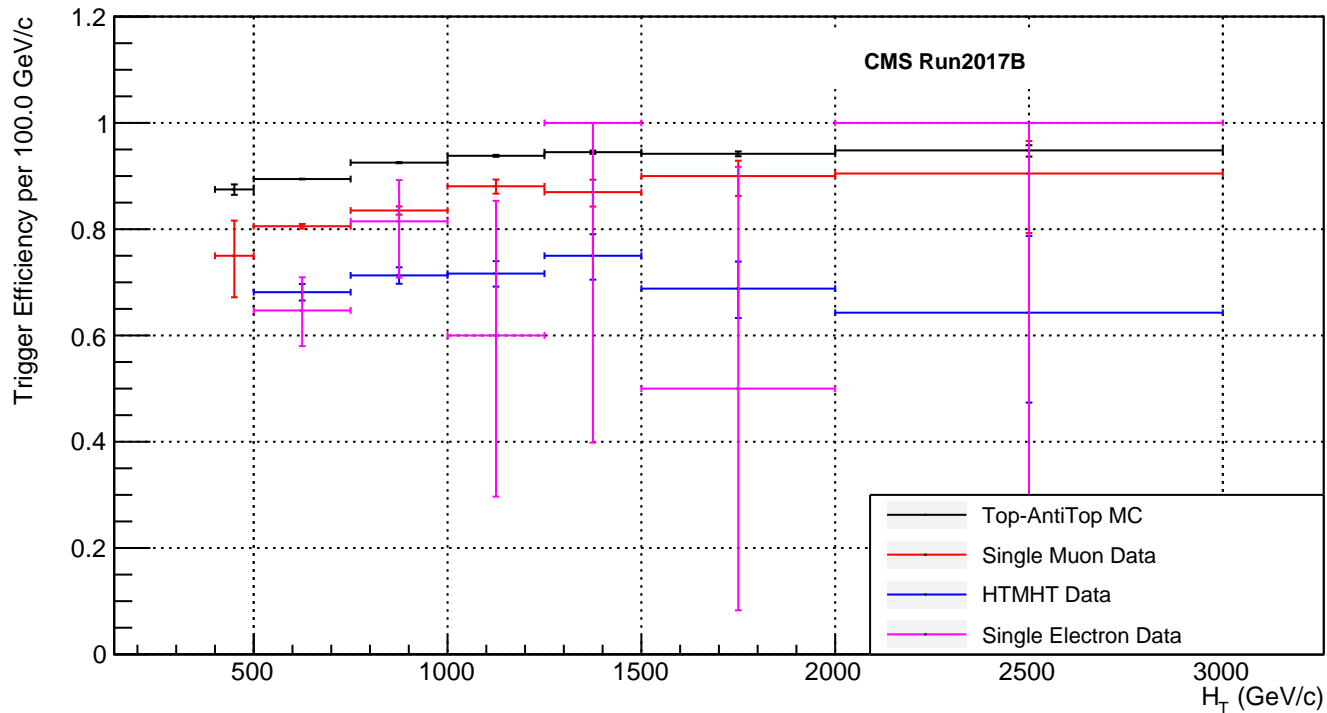


IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075

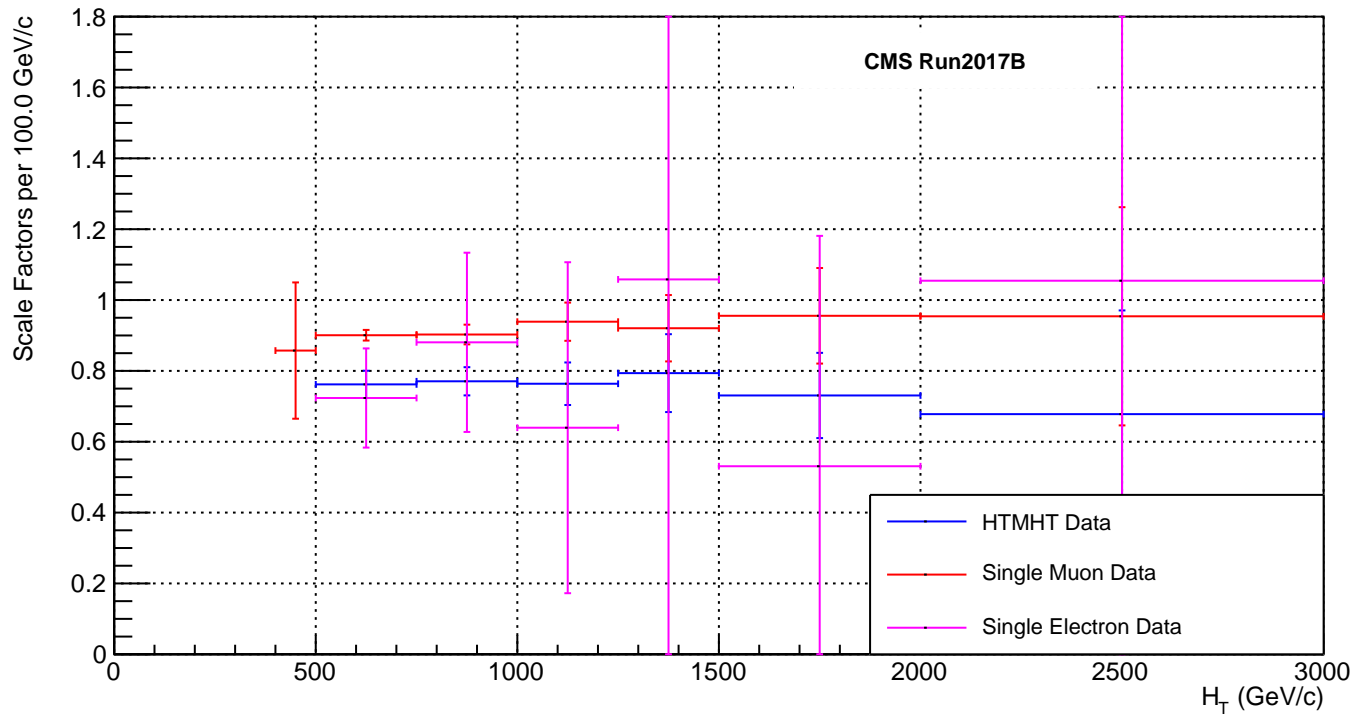
Number of Events per 10 GeV/c



Entries	277406
Mean	707.3
Std Dev	218.5



IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075

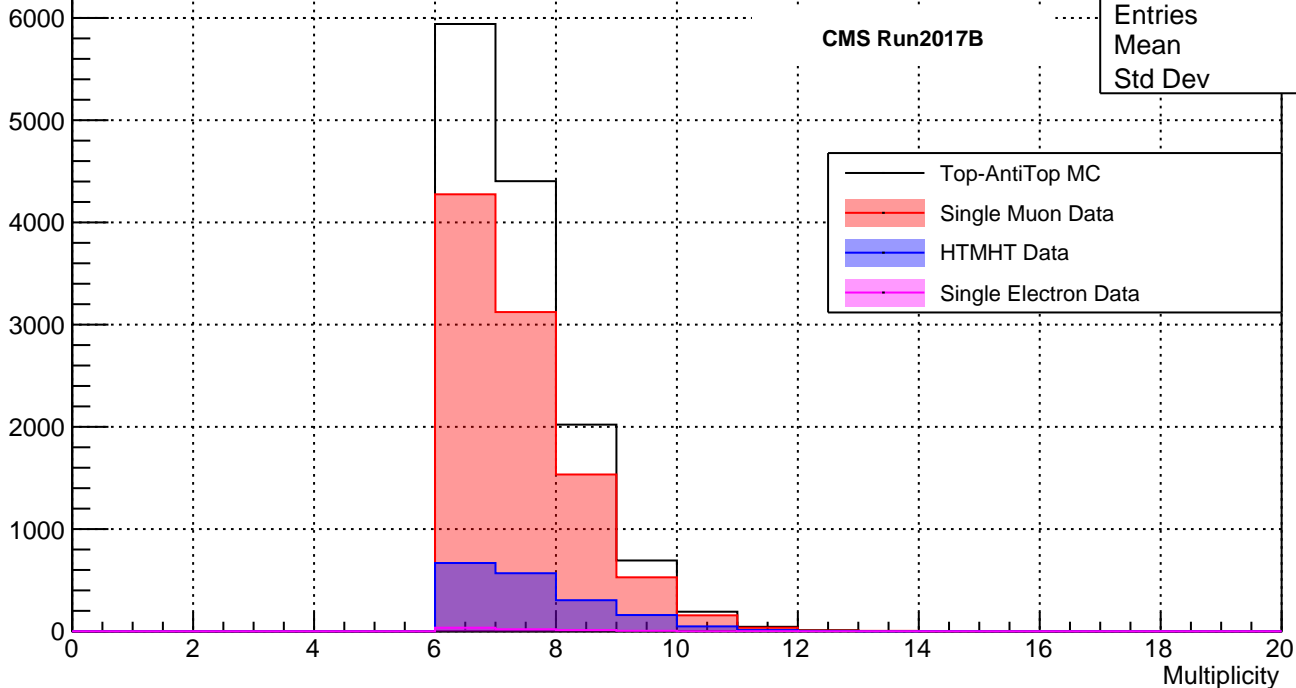
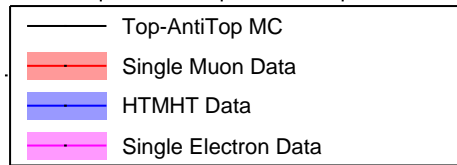


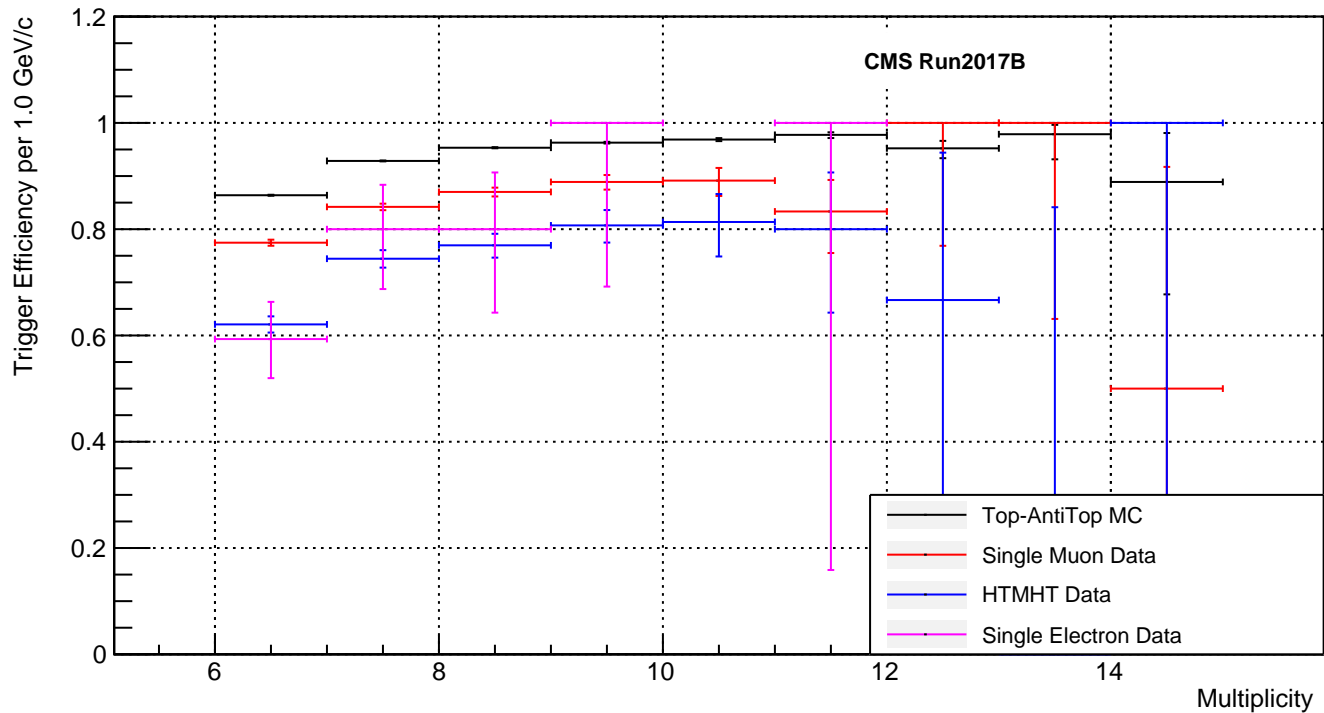
IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075

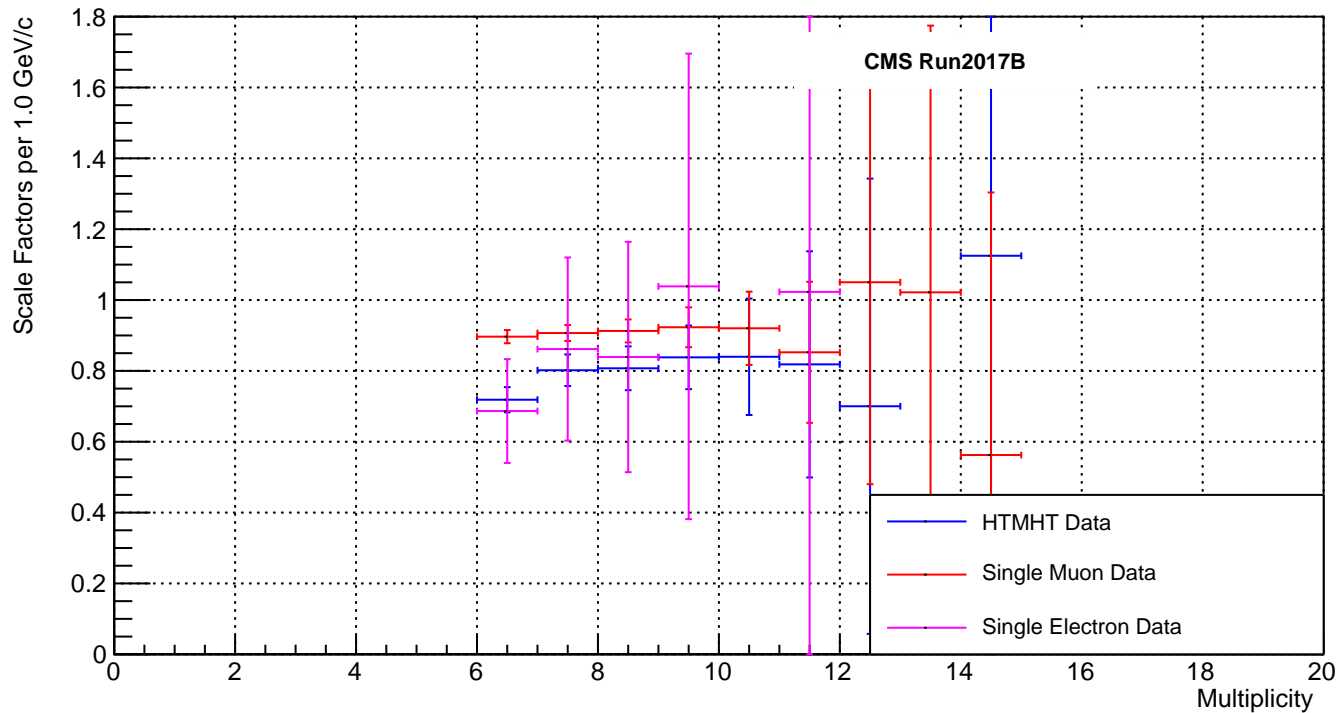
Number of Events per Number of Jets

CMS Run2017B

Entries	277406
Mean	6.871
Std Dev	0.9996





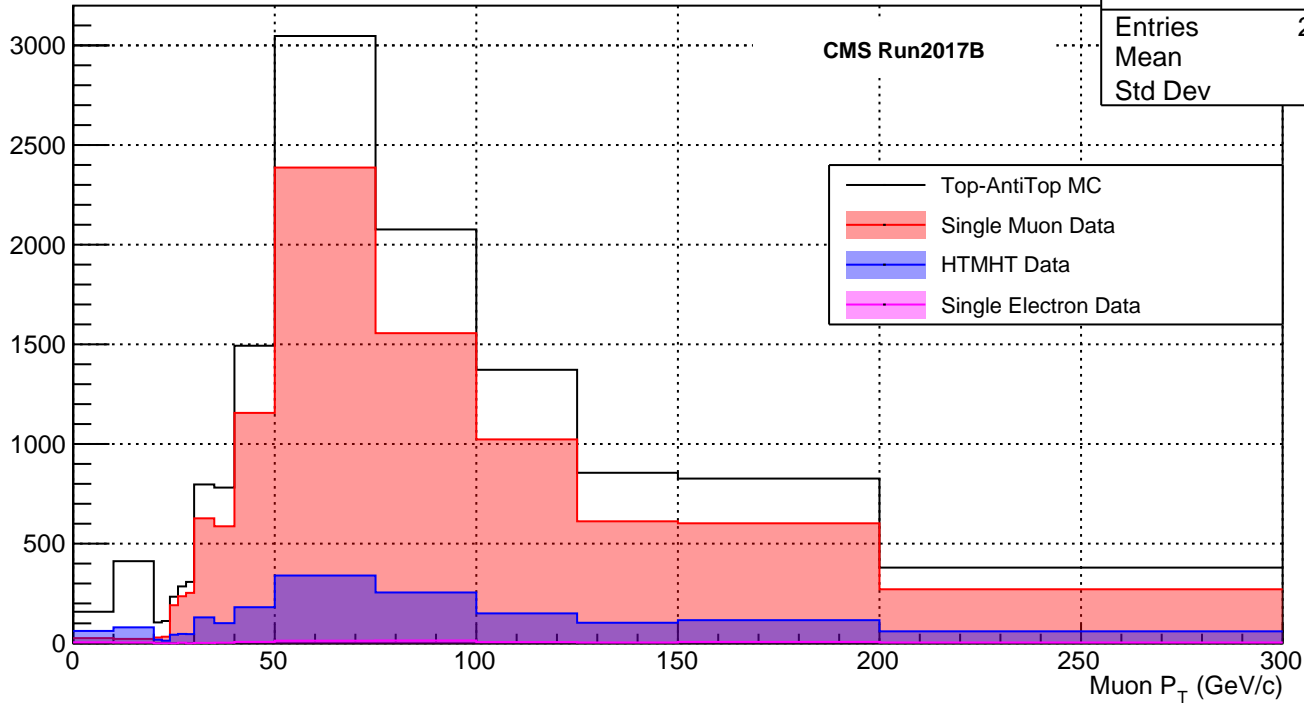
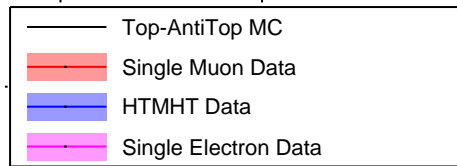


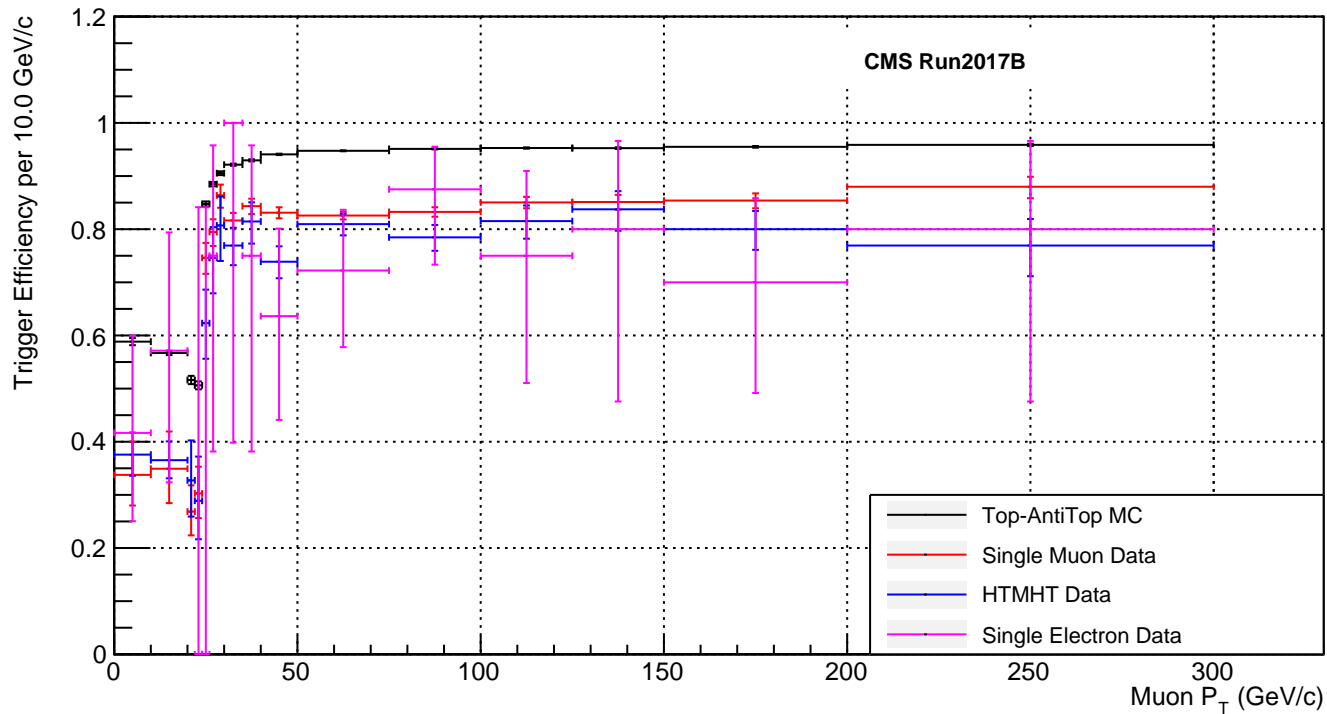
IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075

Number of Events per 1 GeV/c

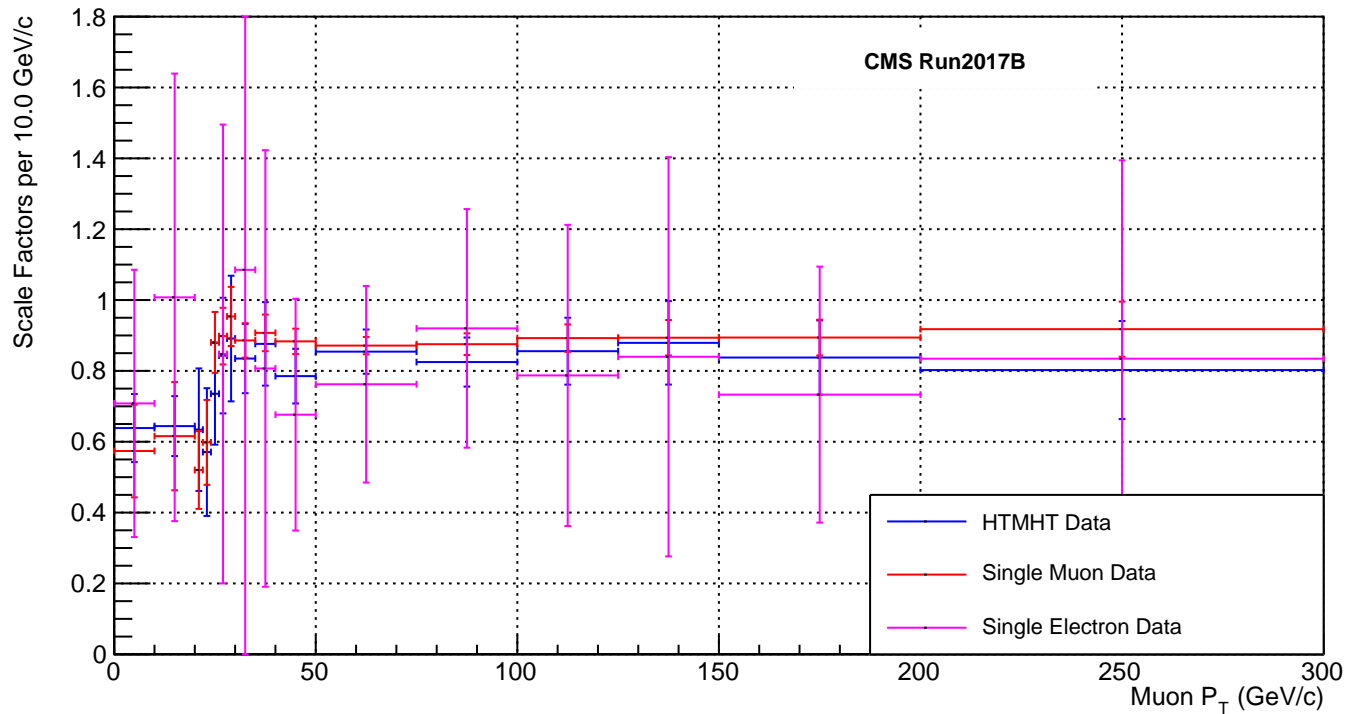
CMS Run2017B

Entries	277406
Mean	77.39
Std Dev	49.44





IsoMu24_eta2p1_PFHT380_SixJet32_DoubleBTagCSV_p075



Values coming soon