

Pre-selection Requisites for:

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

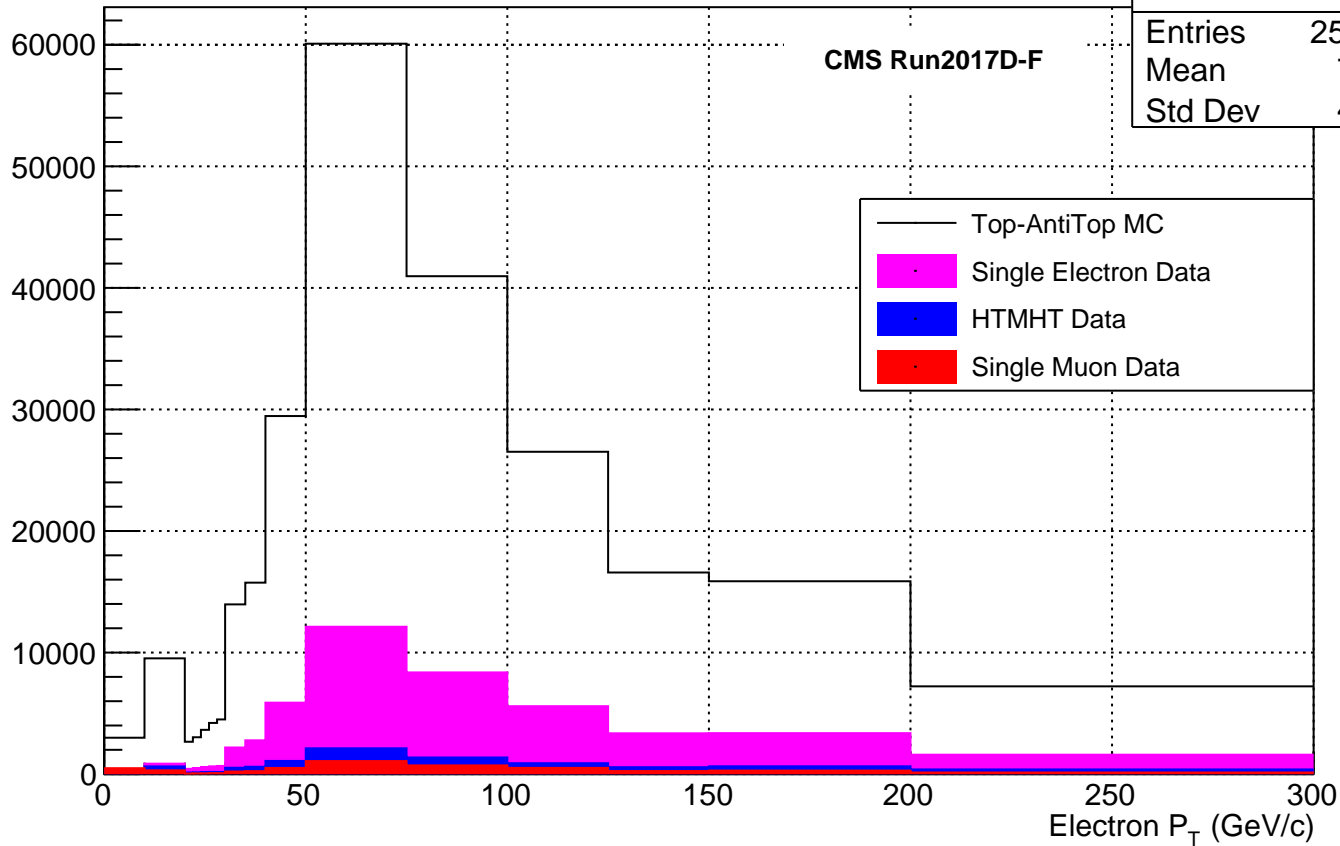
Event Limit: None (see last page)

Baseline selection Requisites for:

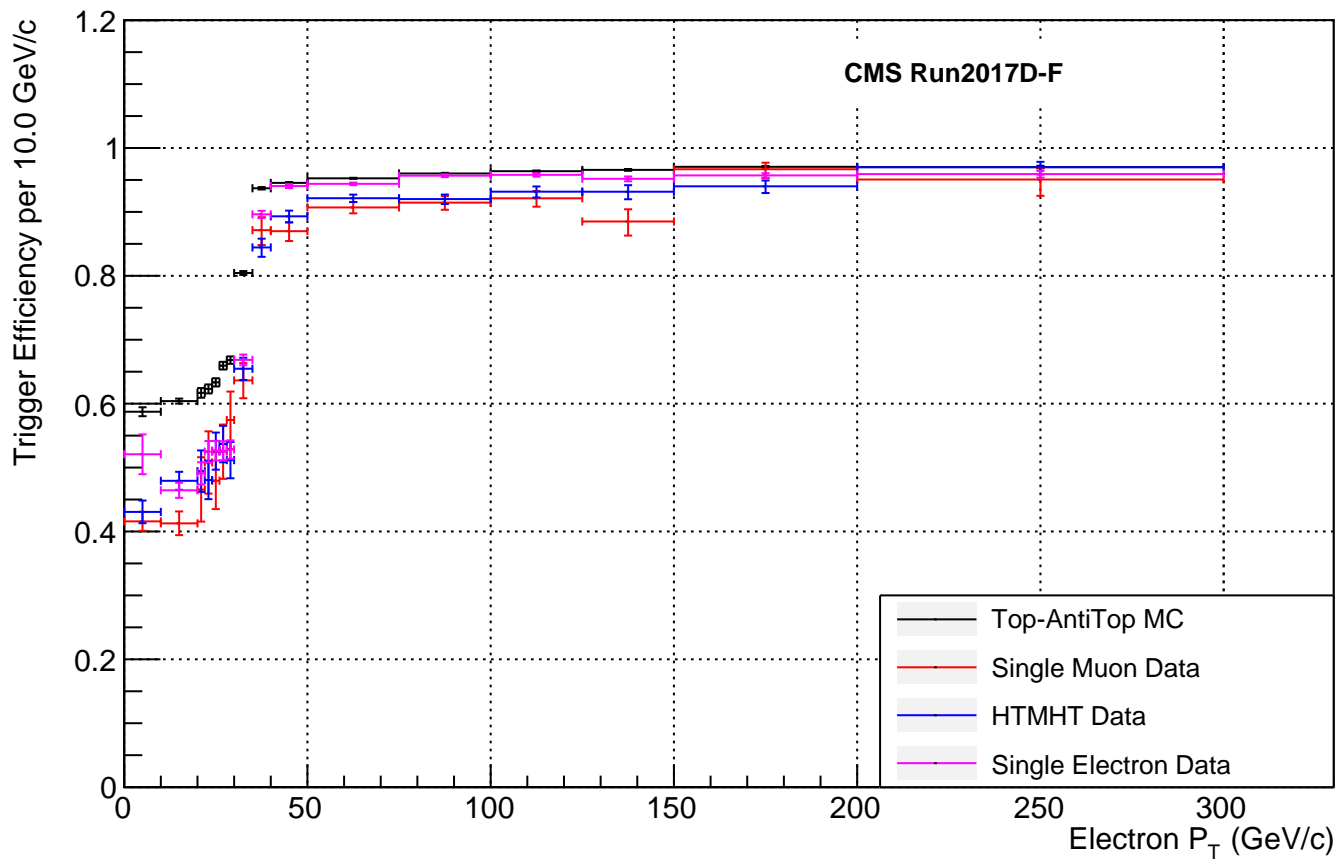
- **Jets:** $\text{jetId} > 2$, $p_T > 30$ and $|\eta| < 2.4$ (for at least 6 jets)
 $\text{btagDeepFlavB} > 0.7489$ (for at least one jet)
- **Muons:** has tightId, $|\eta| < 2.4$ and $\text{PFRelIso_all} < 0.15$ (for at least 1)
- $\text{HT} > 500 \text{ GeV}$

Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

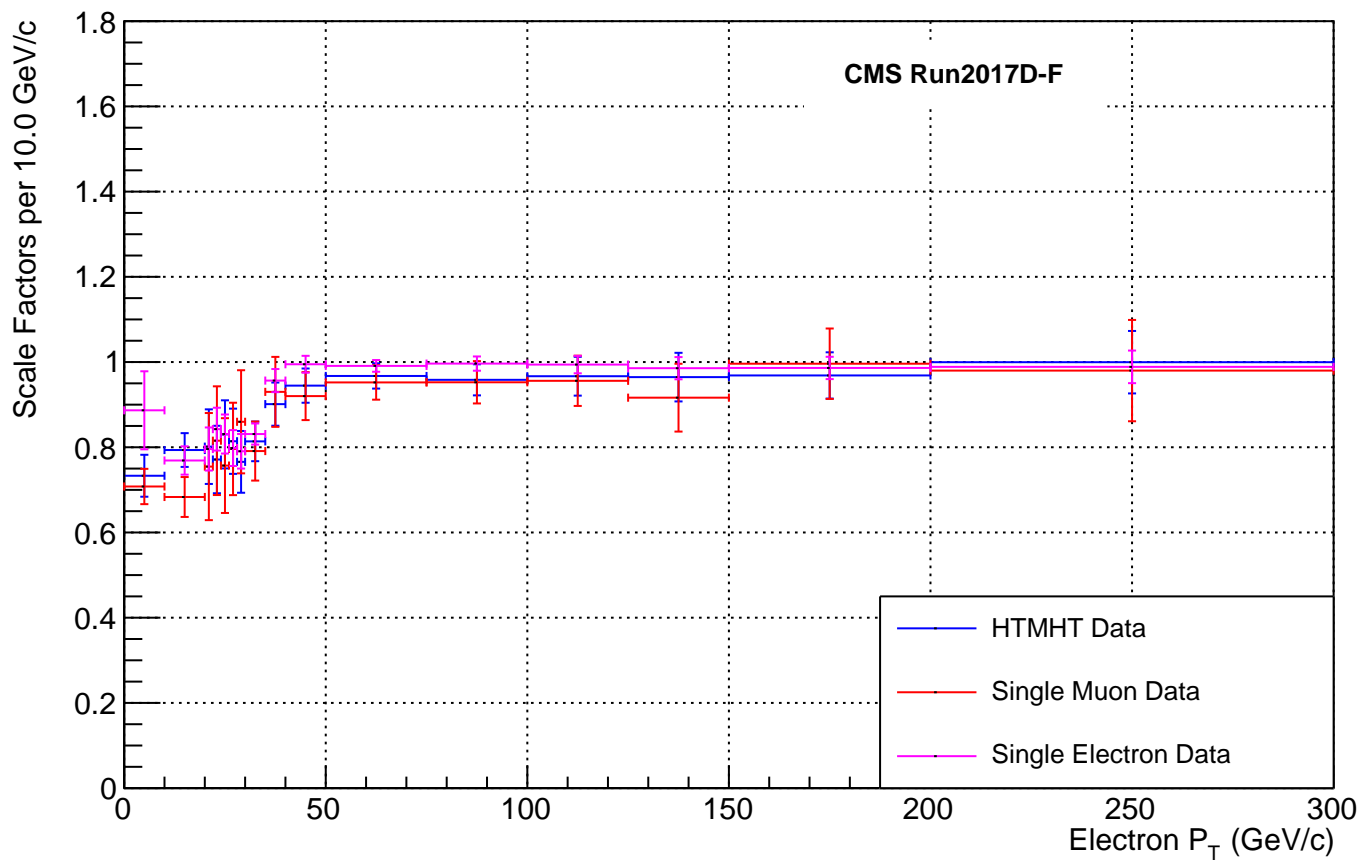
Number of Events per 1 GeV/c



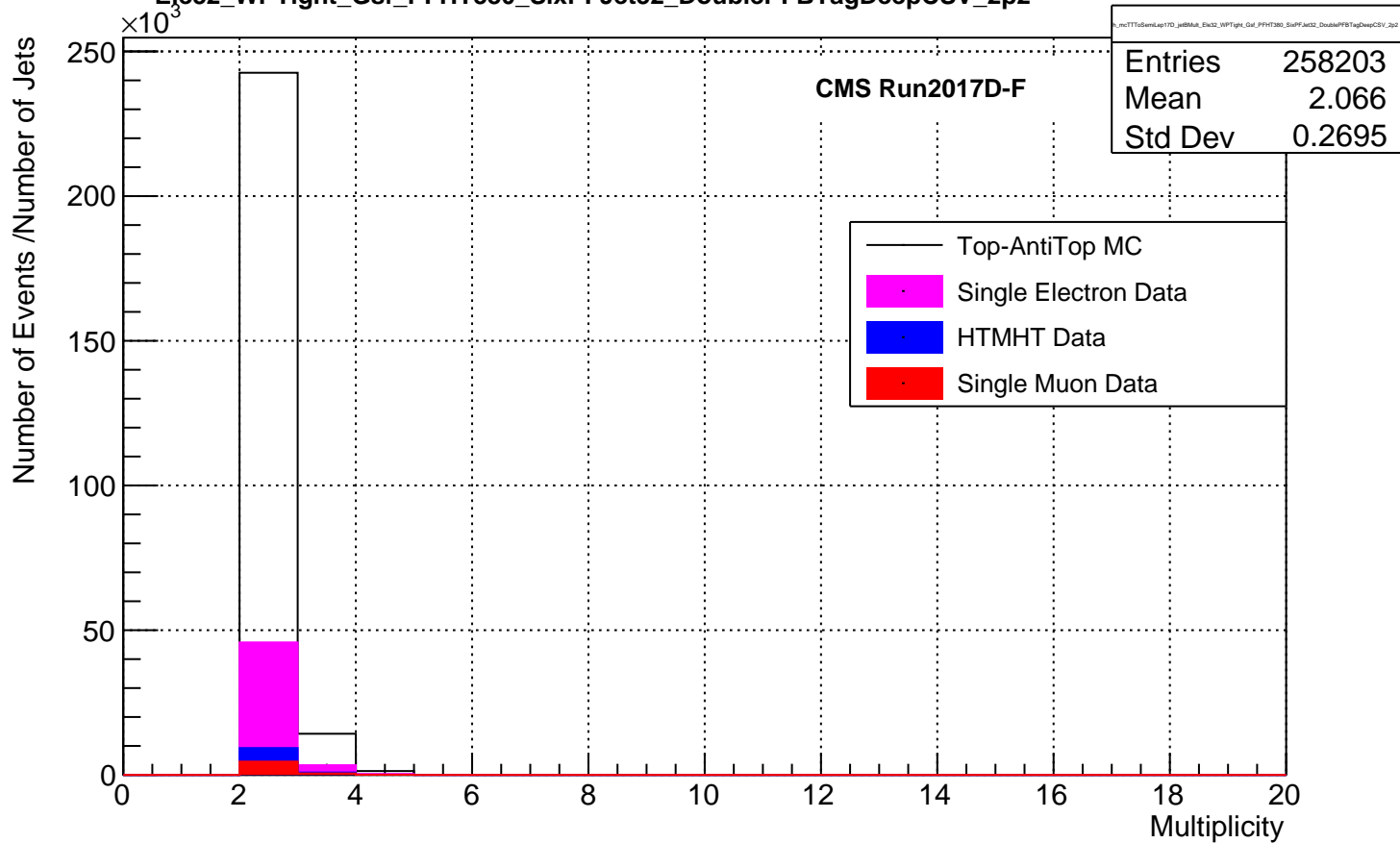
Entries	258203
Mean	77.35
Std Dev	49.16

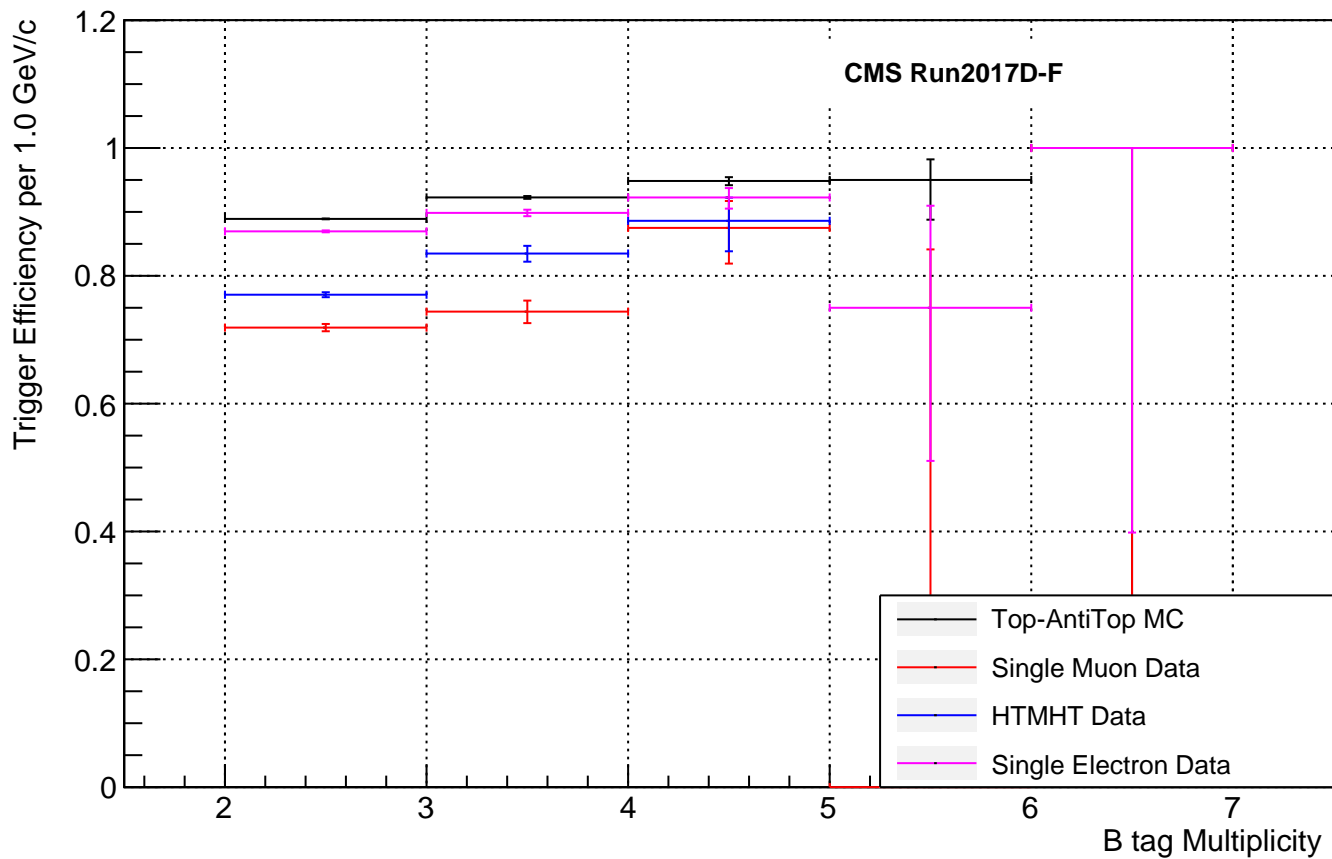


Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

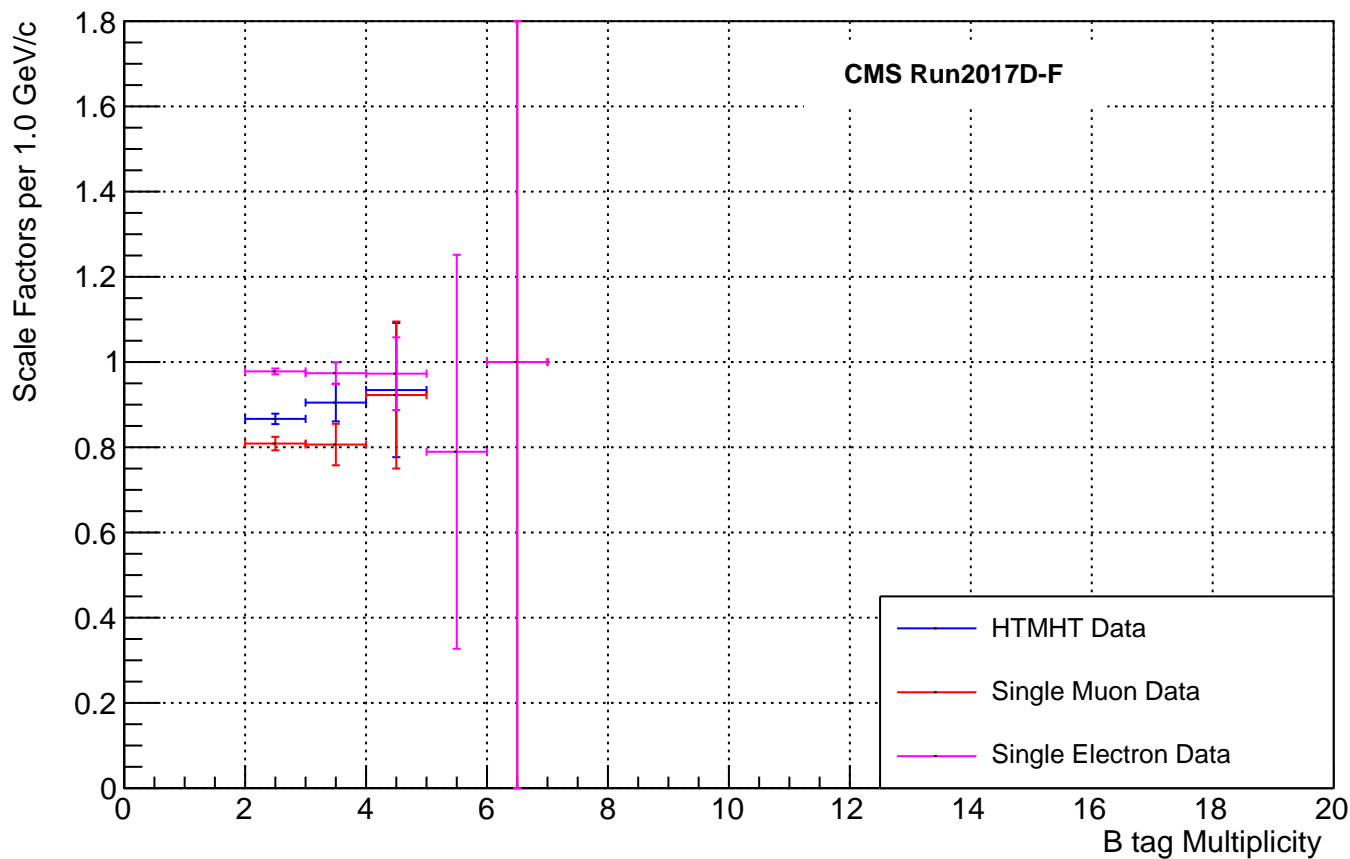


E1e32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



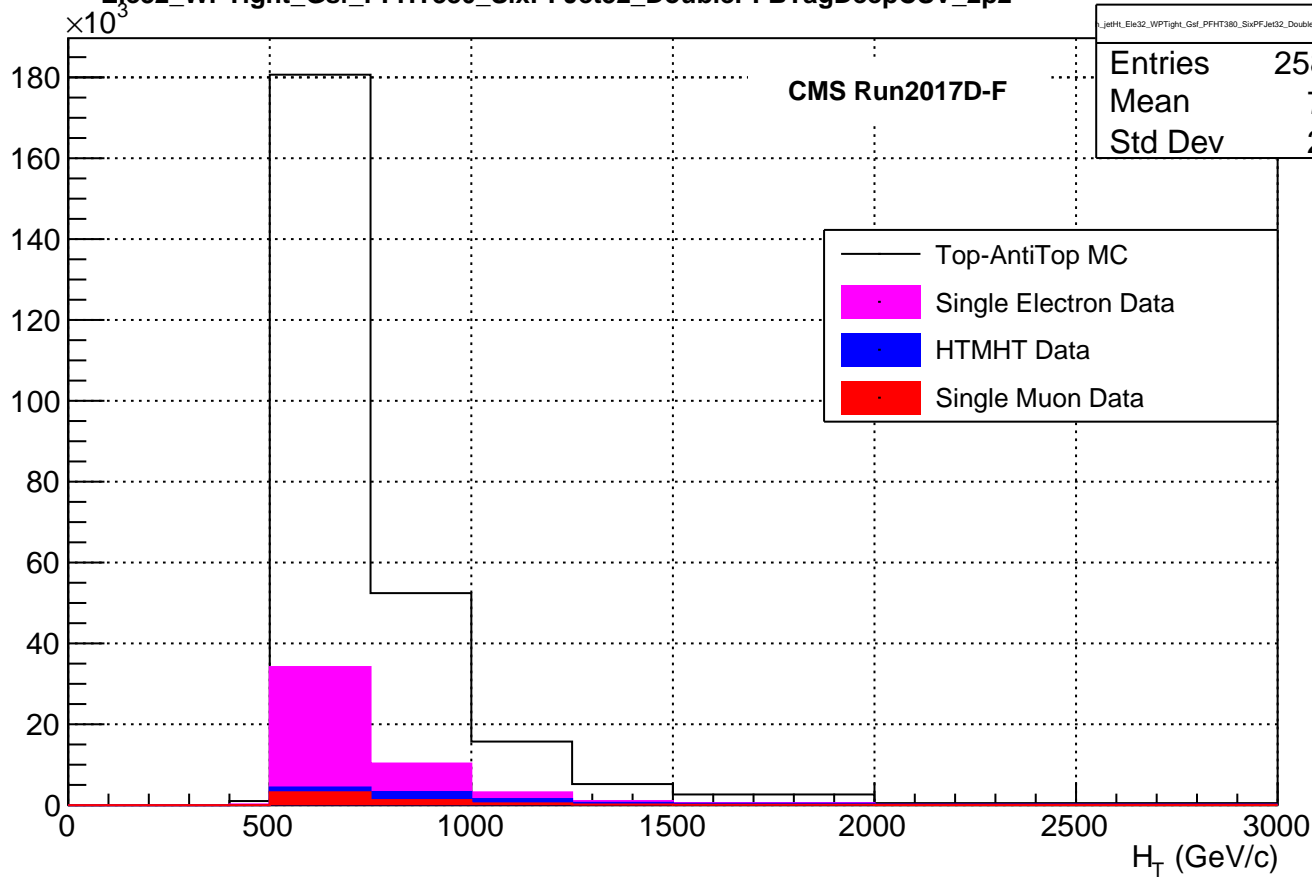


Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

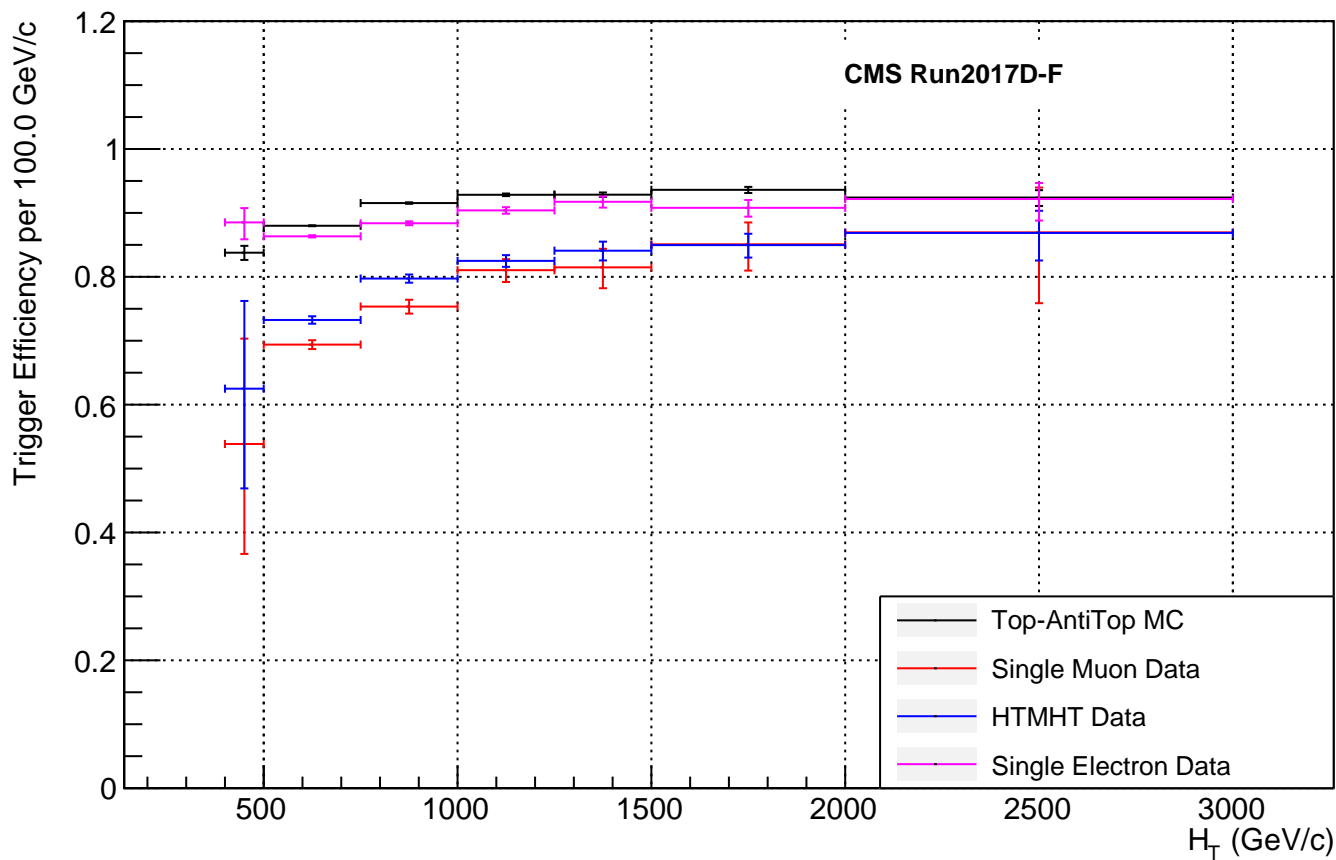


E1e32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

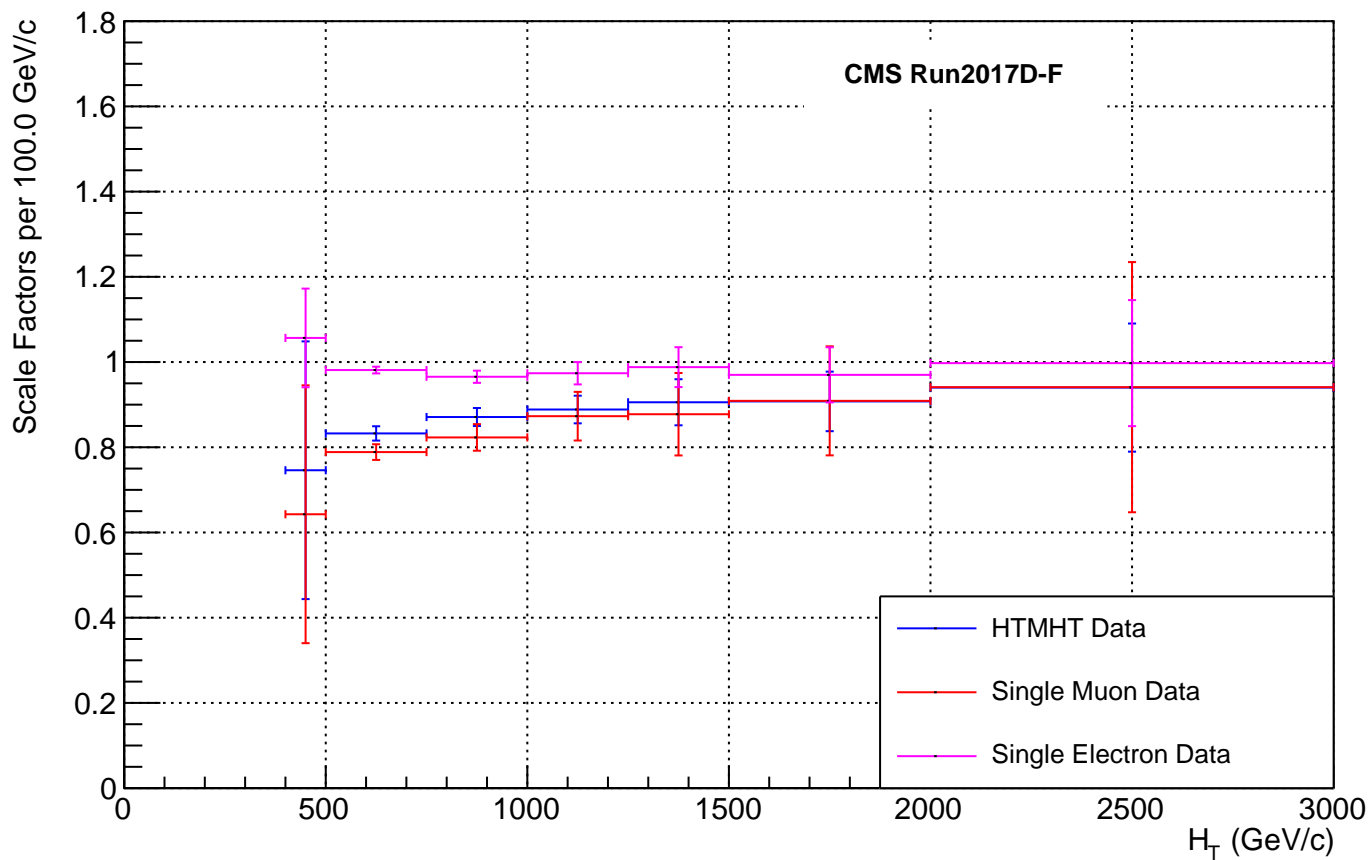
Number of Events per 10 GeV/c



Entries	258203
Mean	711.1
Std Dev	222.1



Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



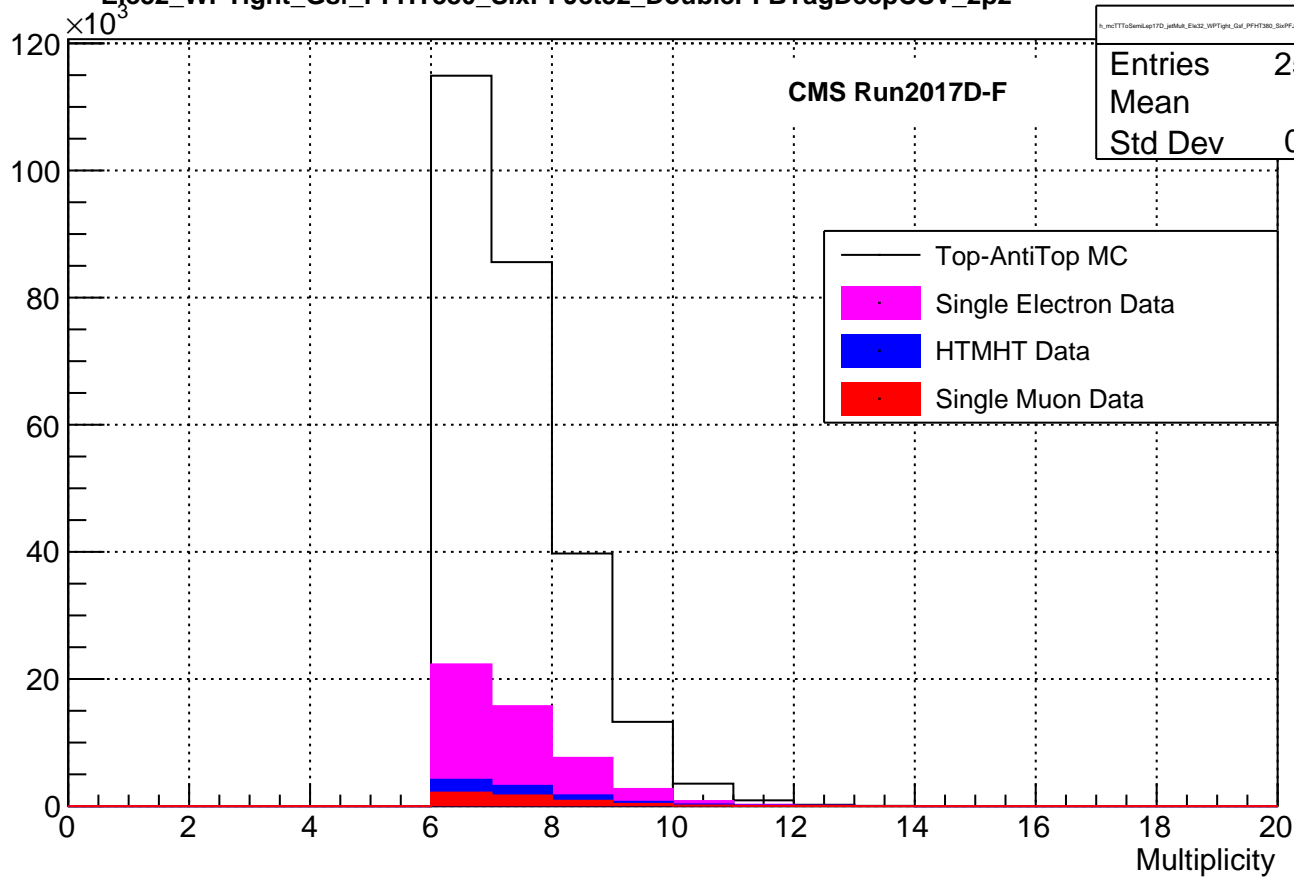
E1e32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Number of Events per Number of Jets

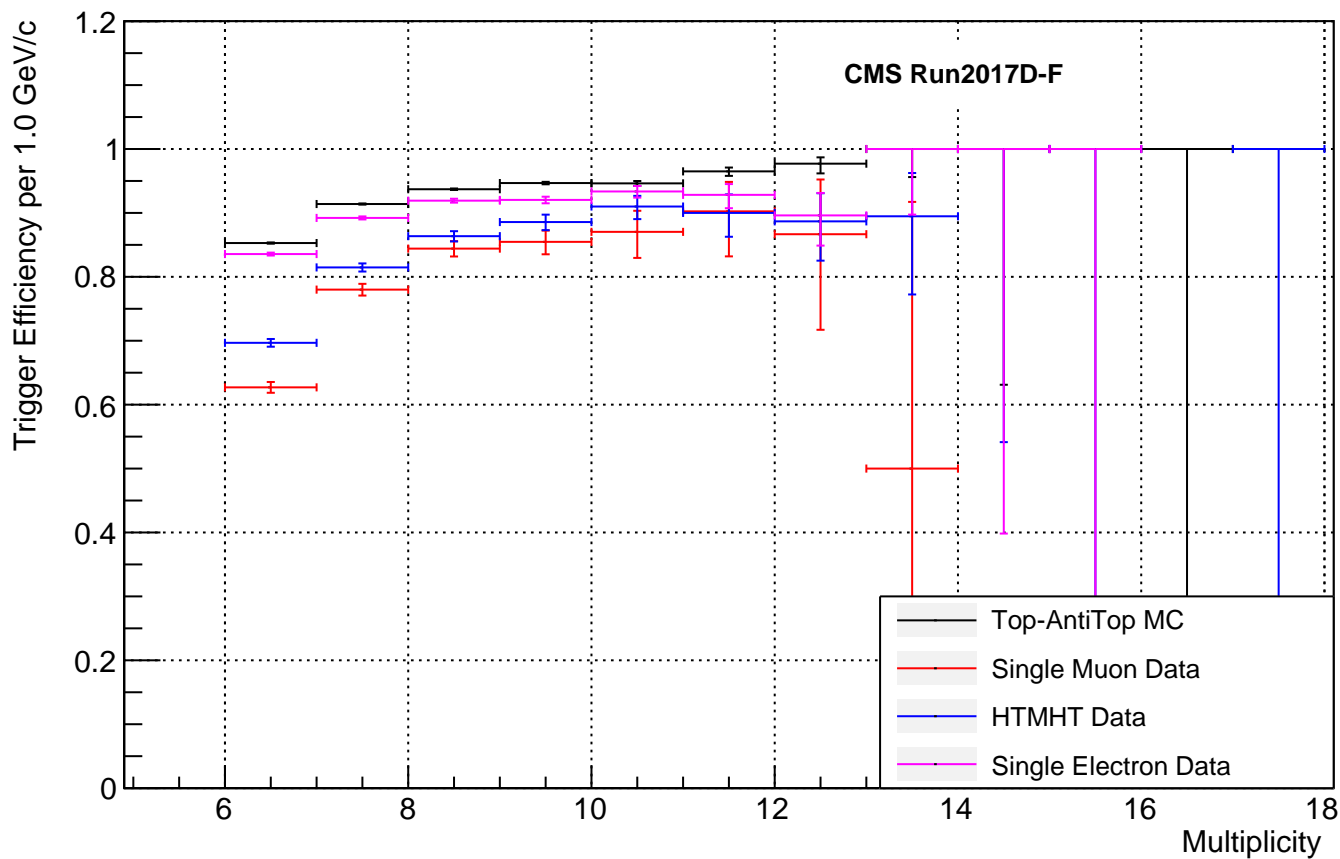
CMS Run2017D-F

Entries	258203
Mean	6.872
Std Dev	0.9975

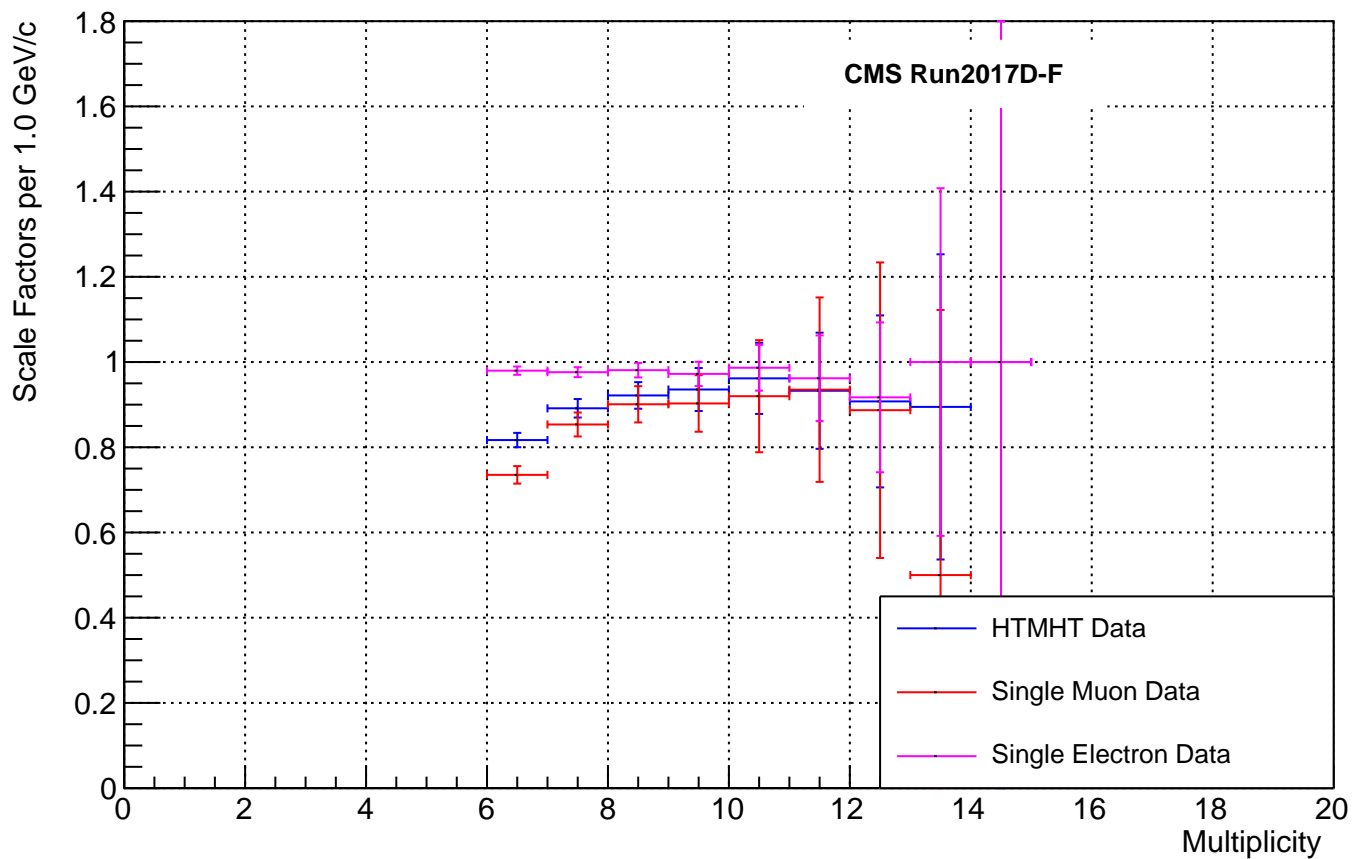
—	Top-AntiTop MC
■	Single Electron Data
■	HTMHT Data
■	Single Muon Data



Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



Ele32_WPTight_Gsf_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



Values coming soon