

### **Pre-selection Requisites for:**

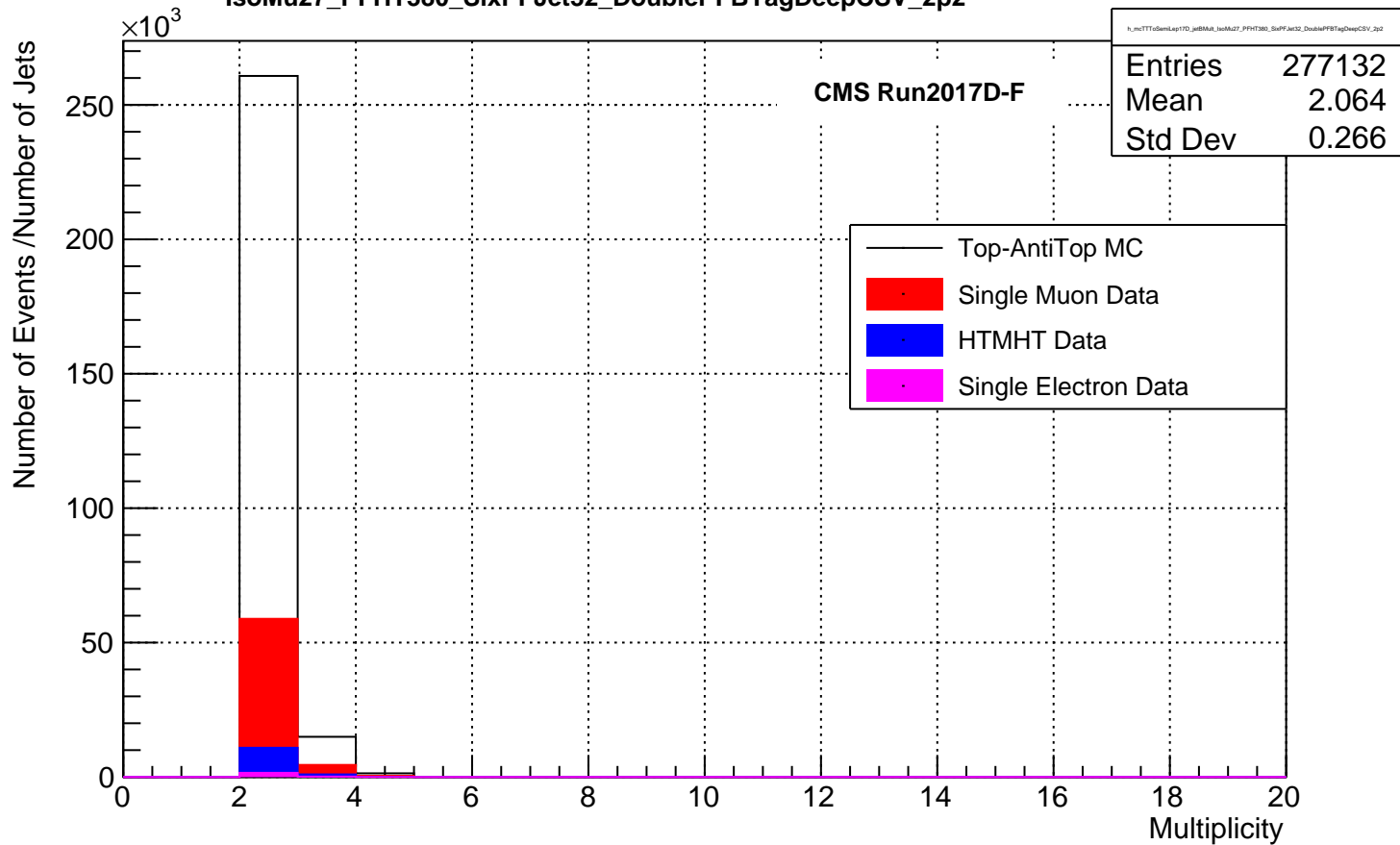
- **Jets:** number  $> 5$
- **Leptons (Muons or Electrons):** number  $> 0$

**Event Limit:** None (see last page)

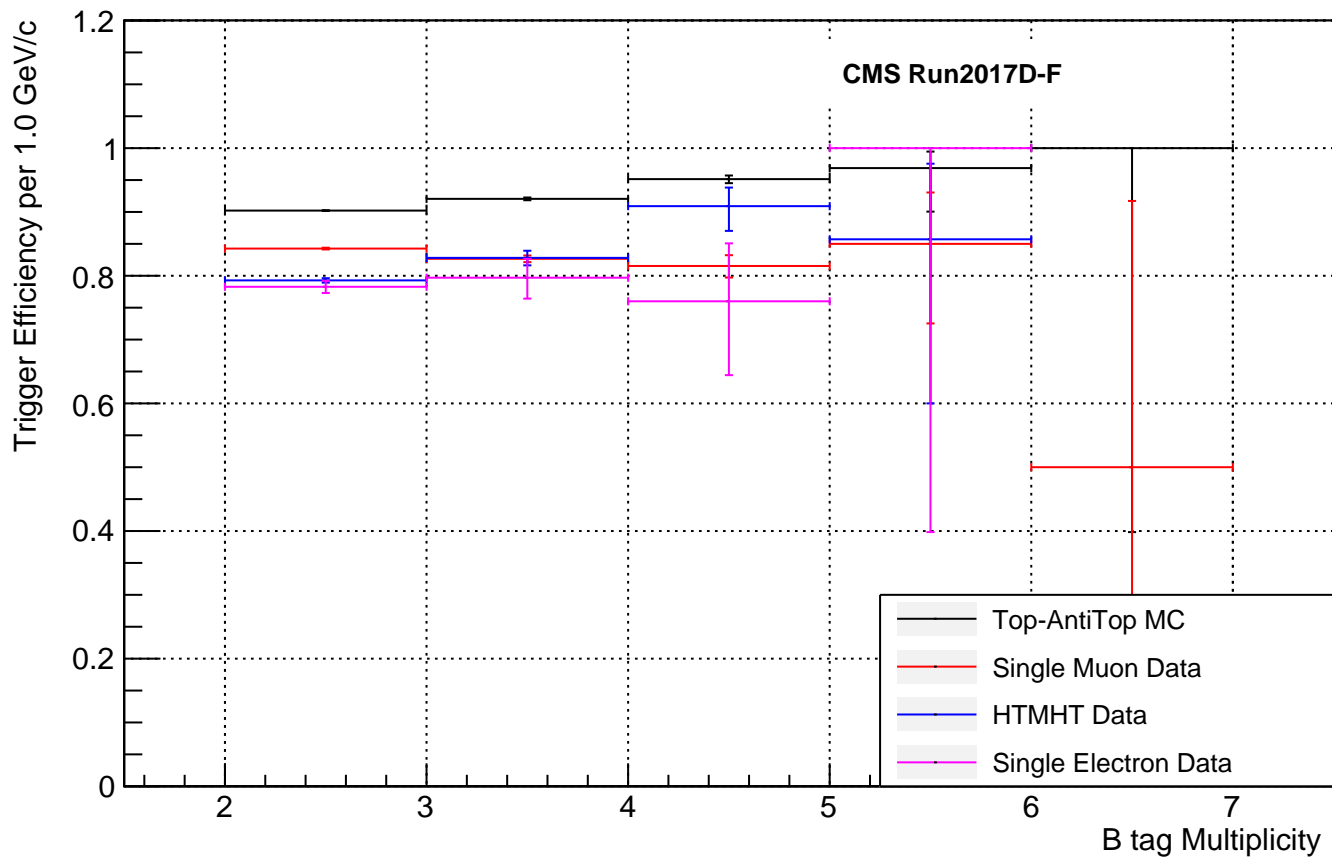
### **Baseline selection Requisites for:**

- **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)
- $\text{HT} > 500 \text{ GeV}$

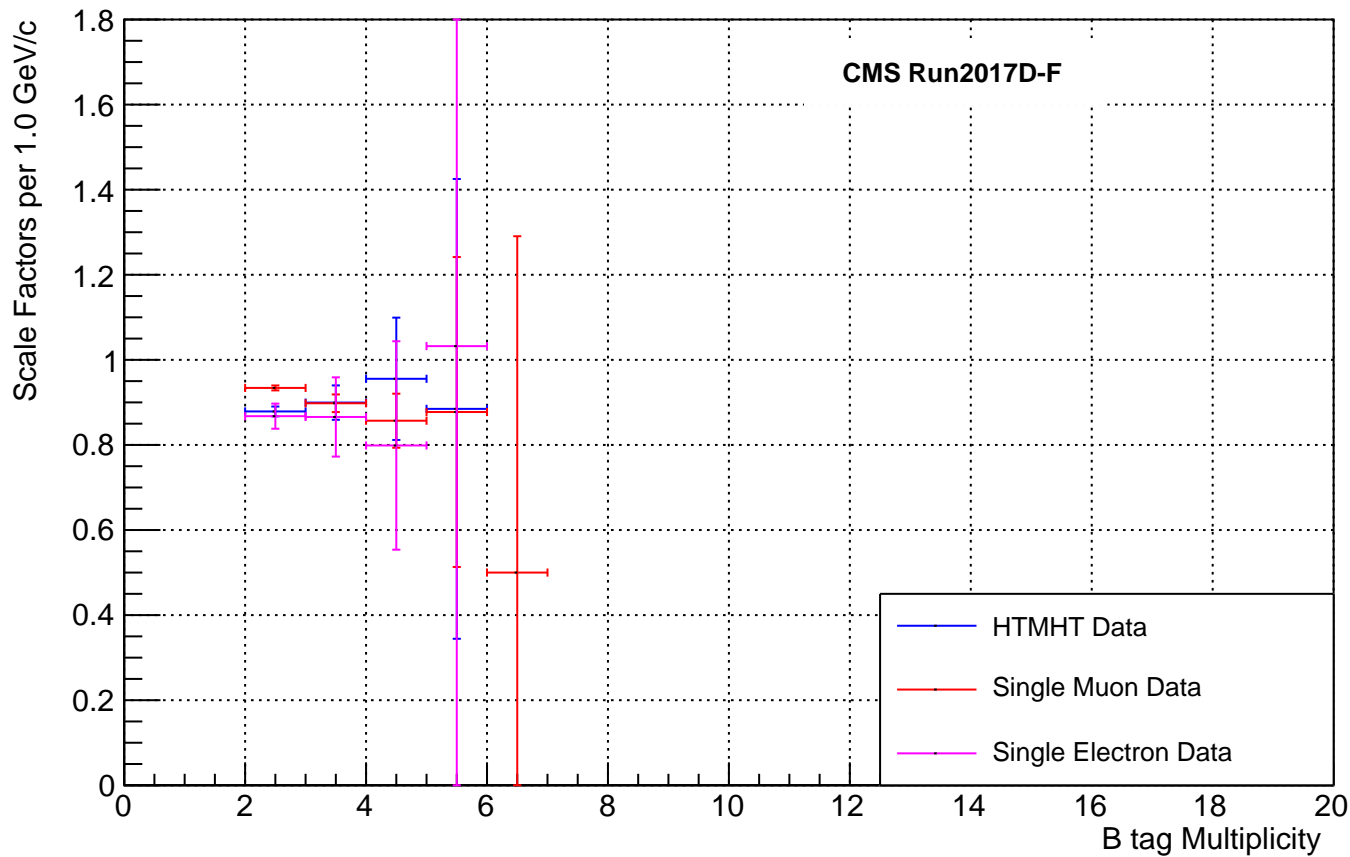
# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



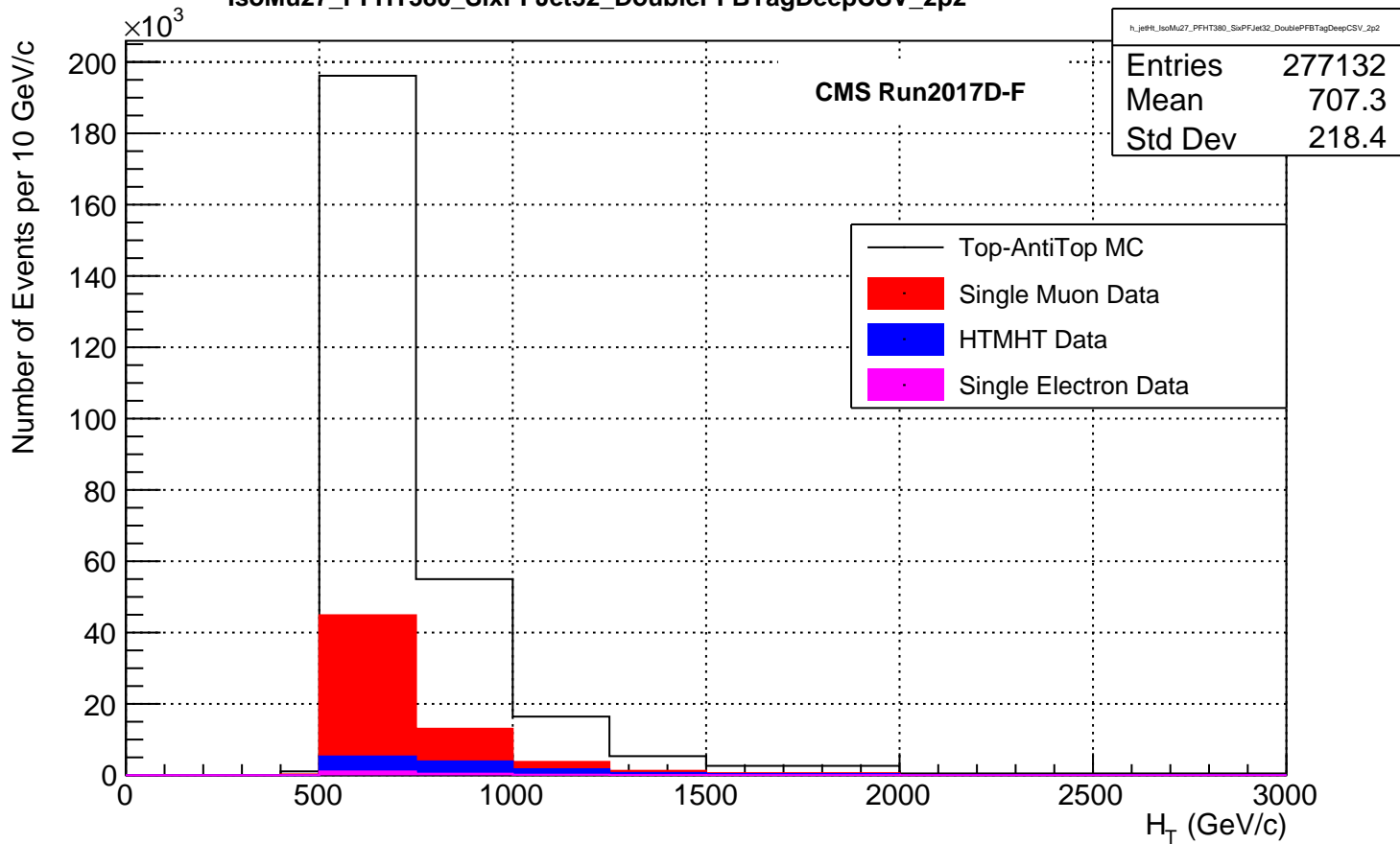
# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



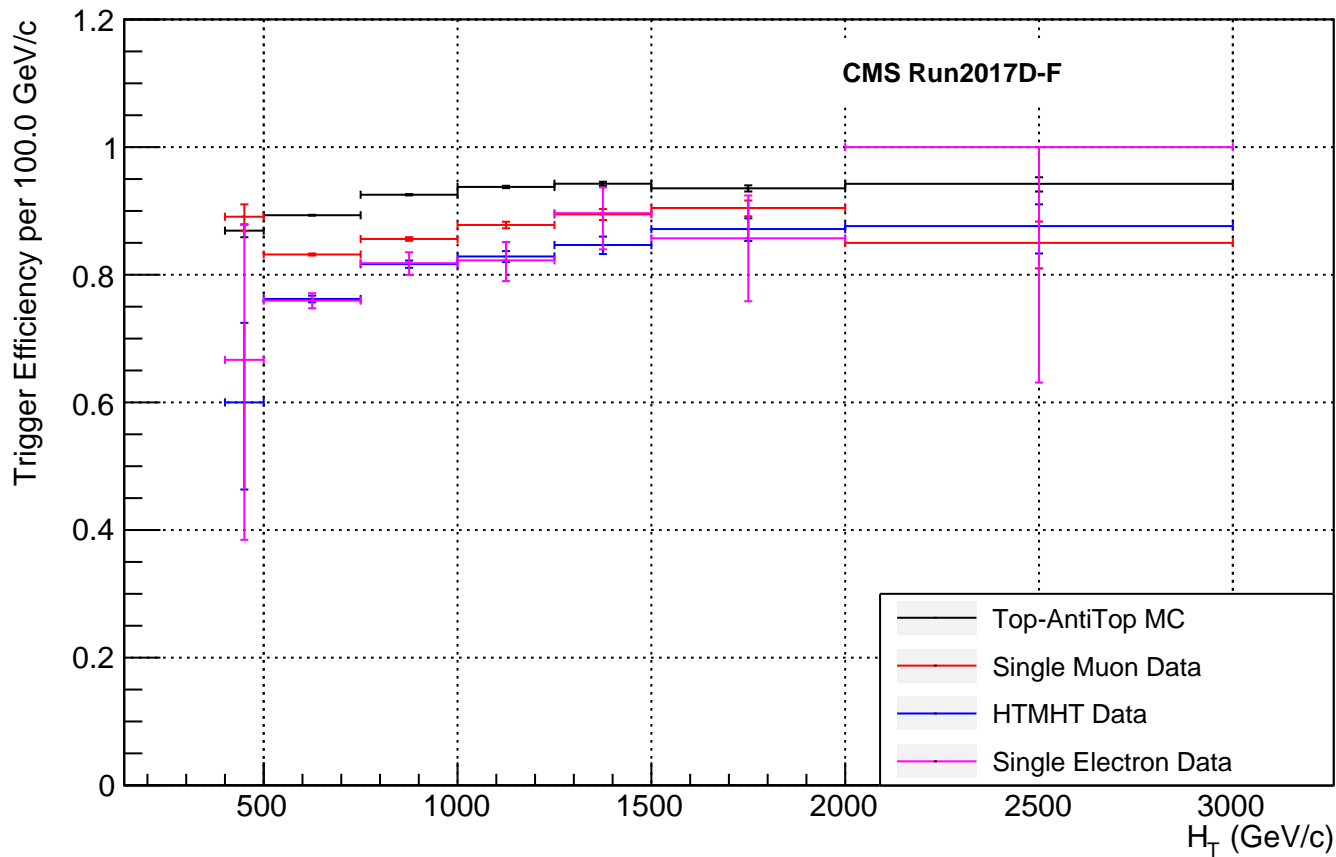
# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



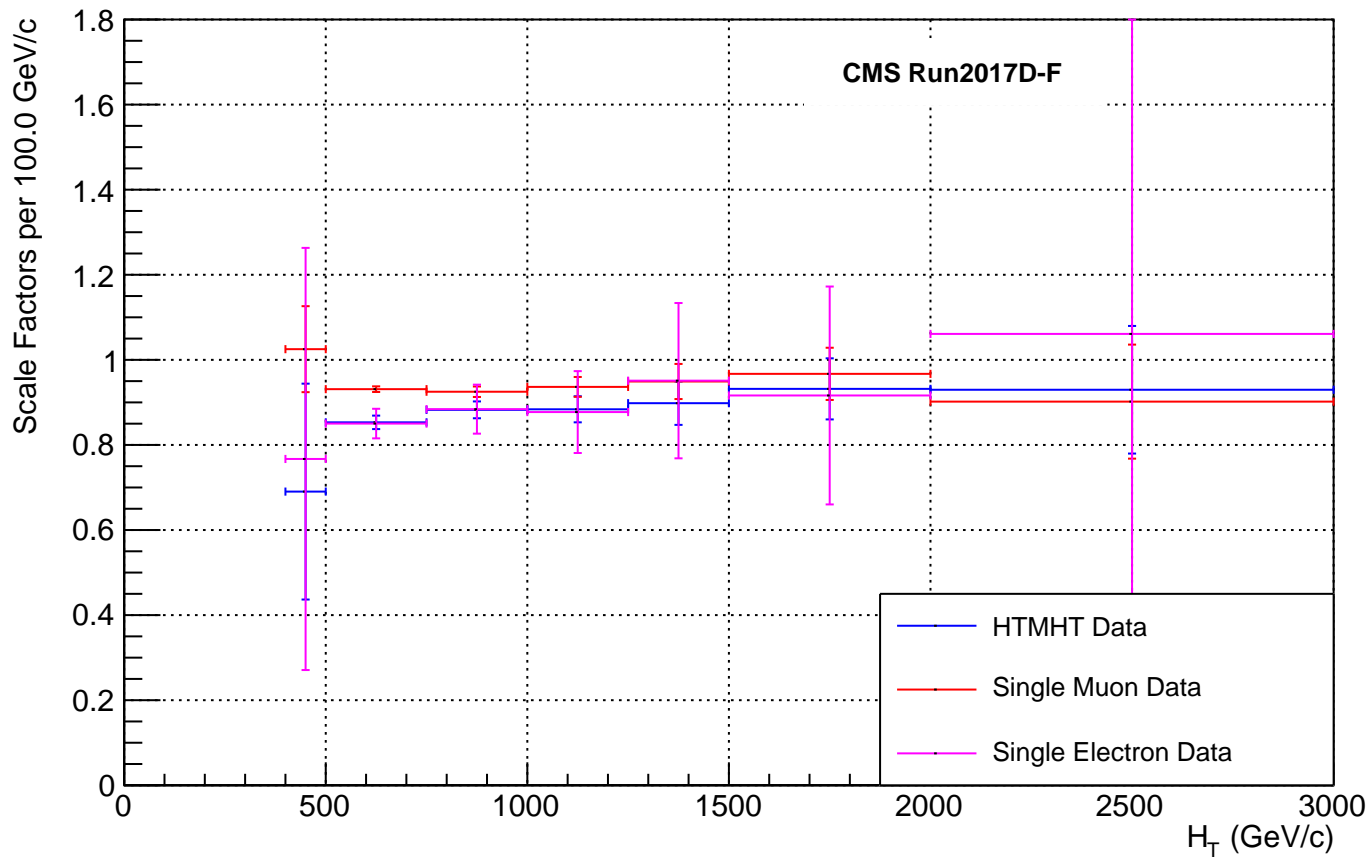
# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2

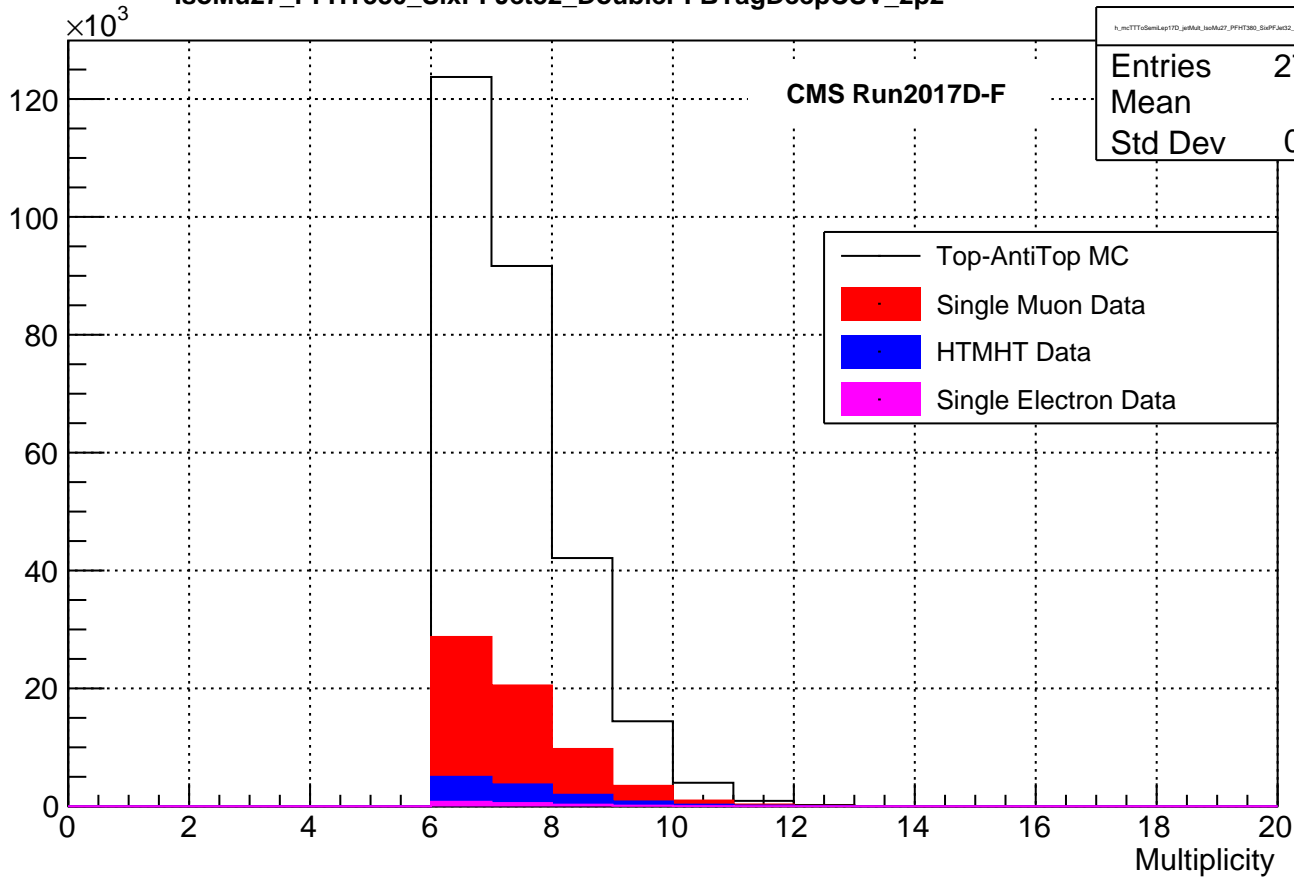


# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2

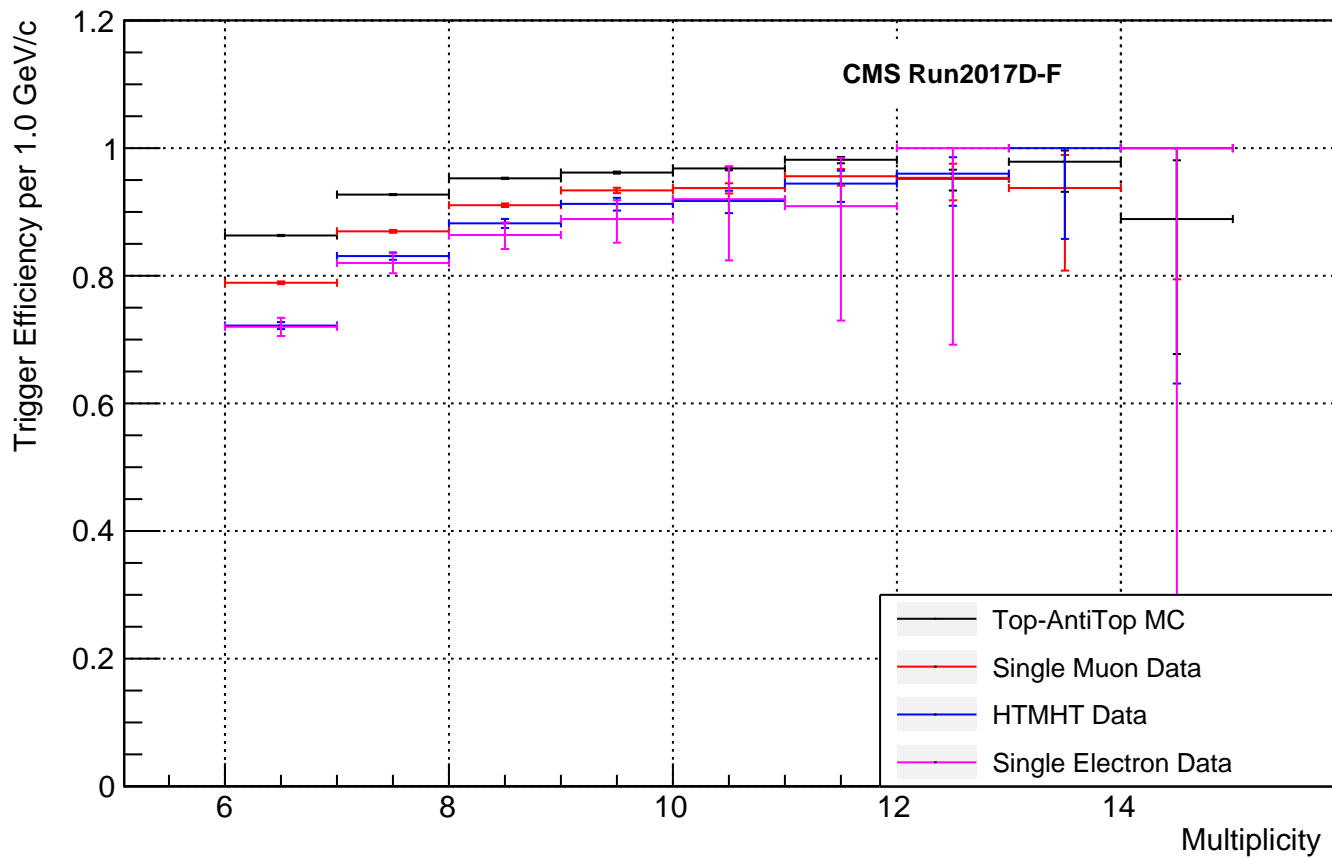
Number of Events per Number of Jets



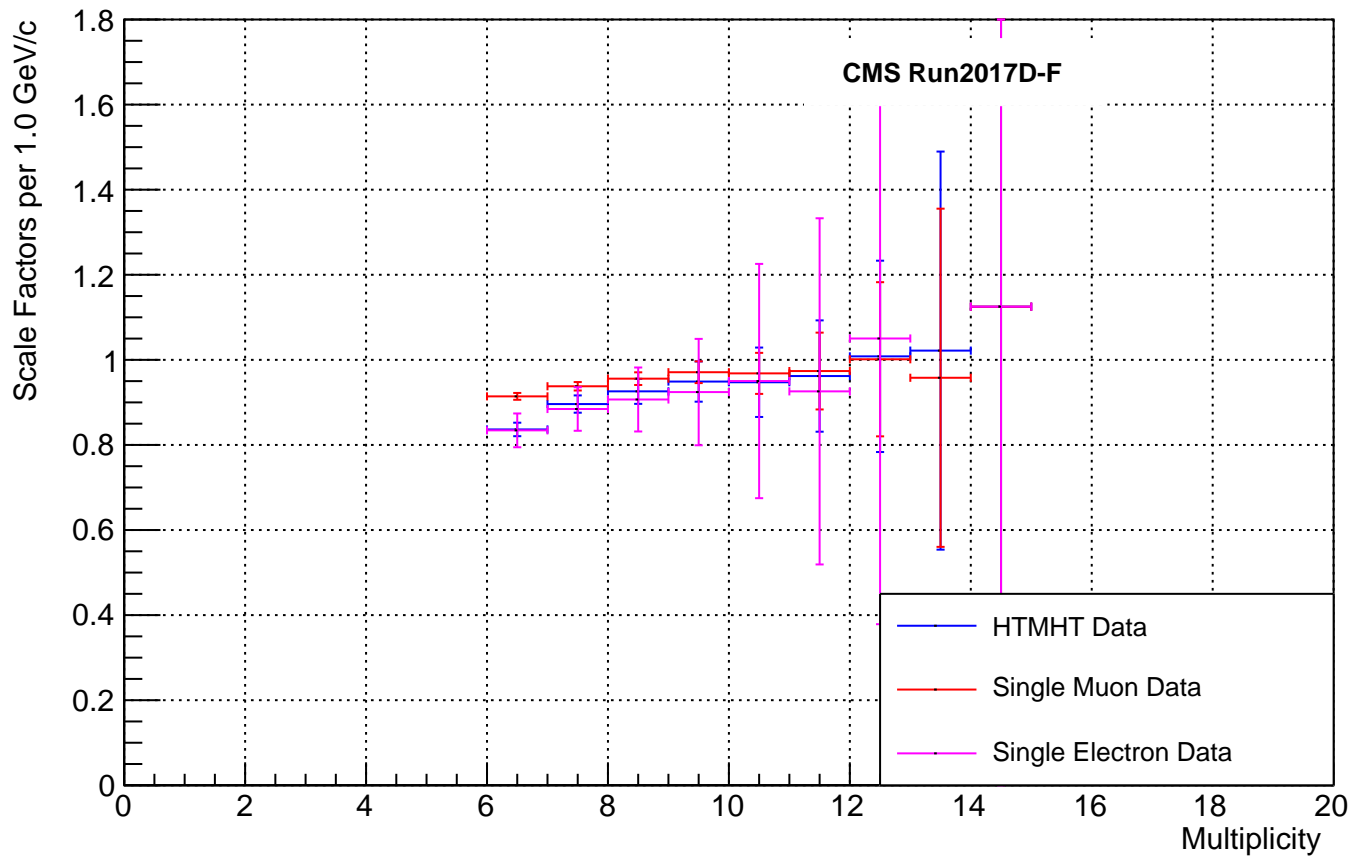
Entries	277132
Mean	6.871
Std Dev	0.9999



IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2

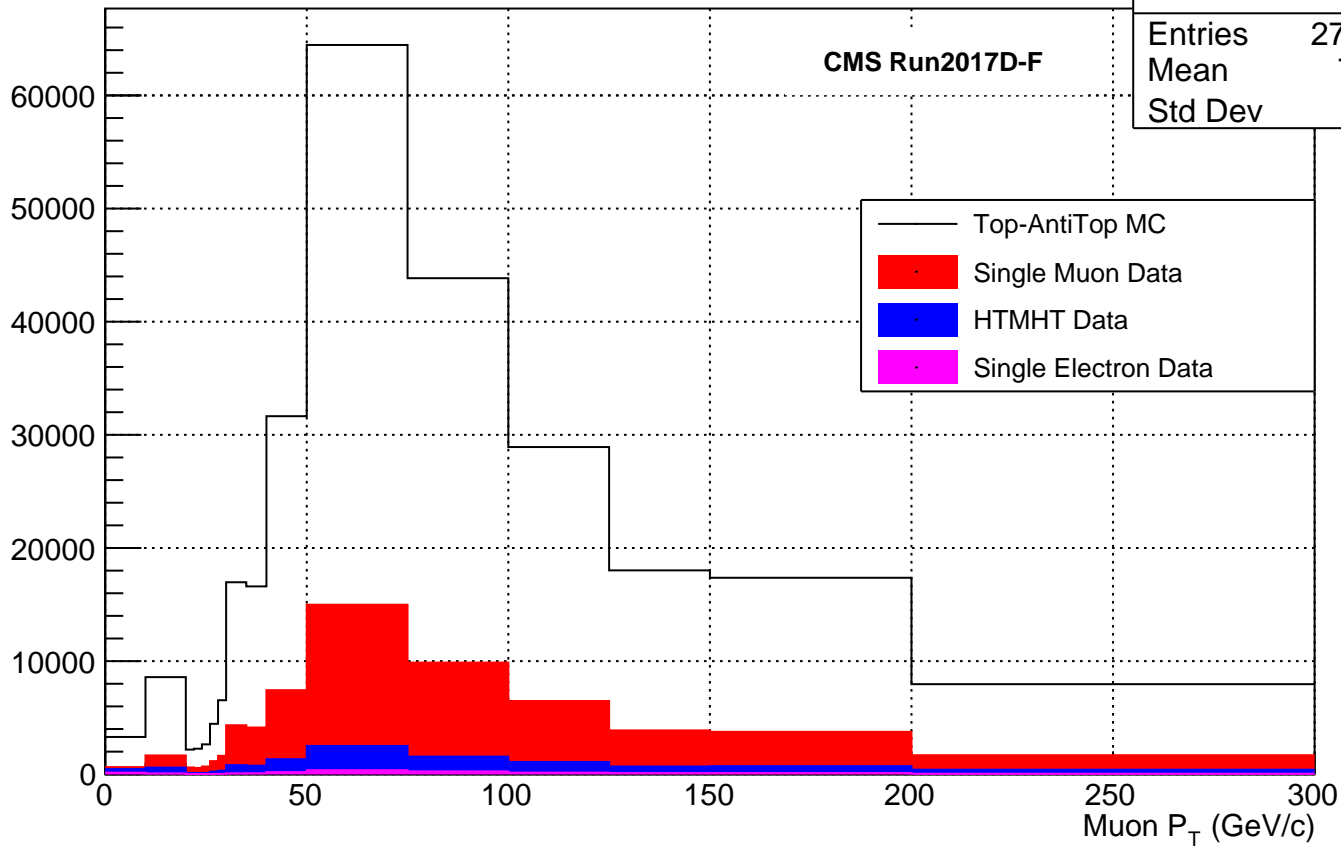


# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2

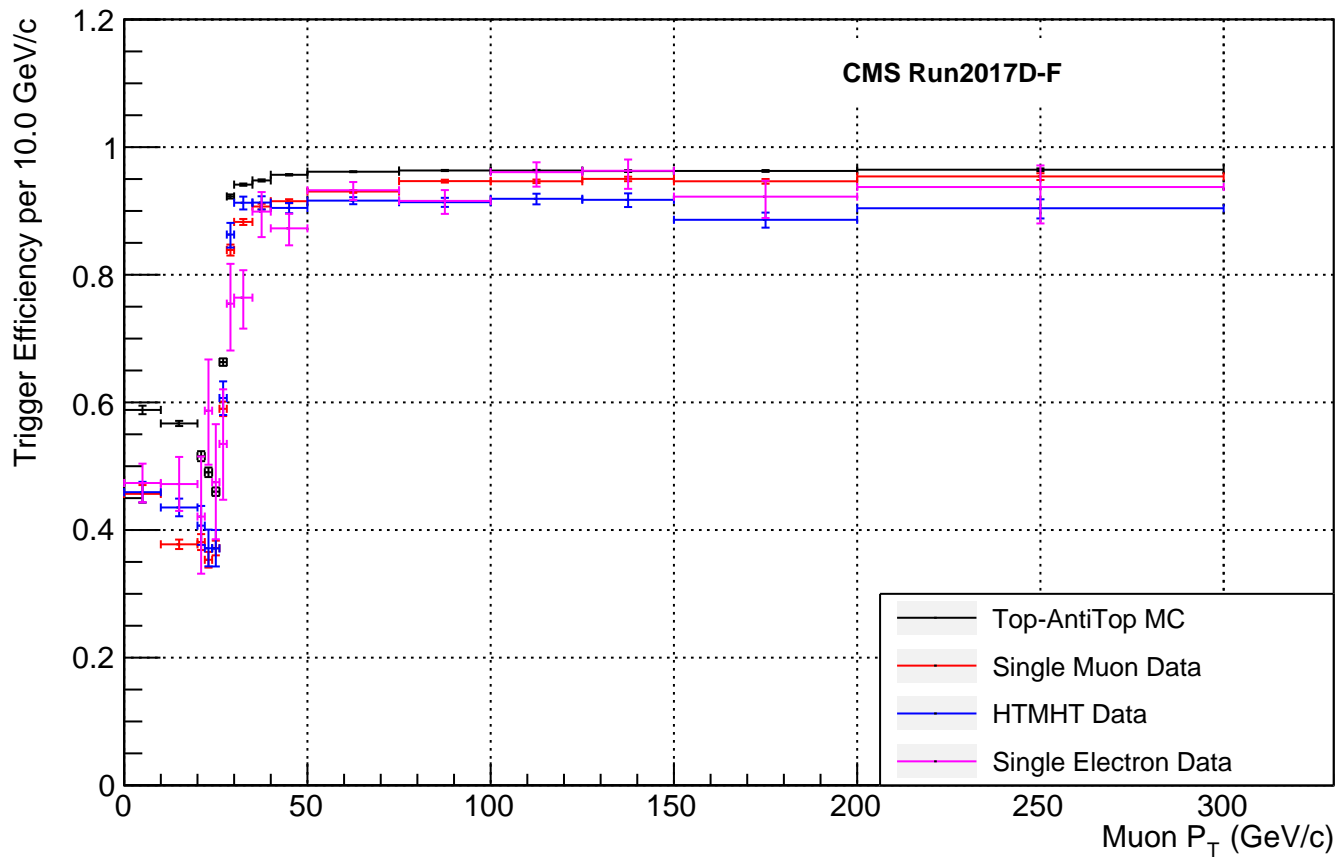


# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2

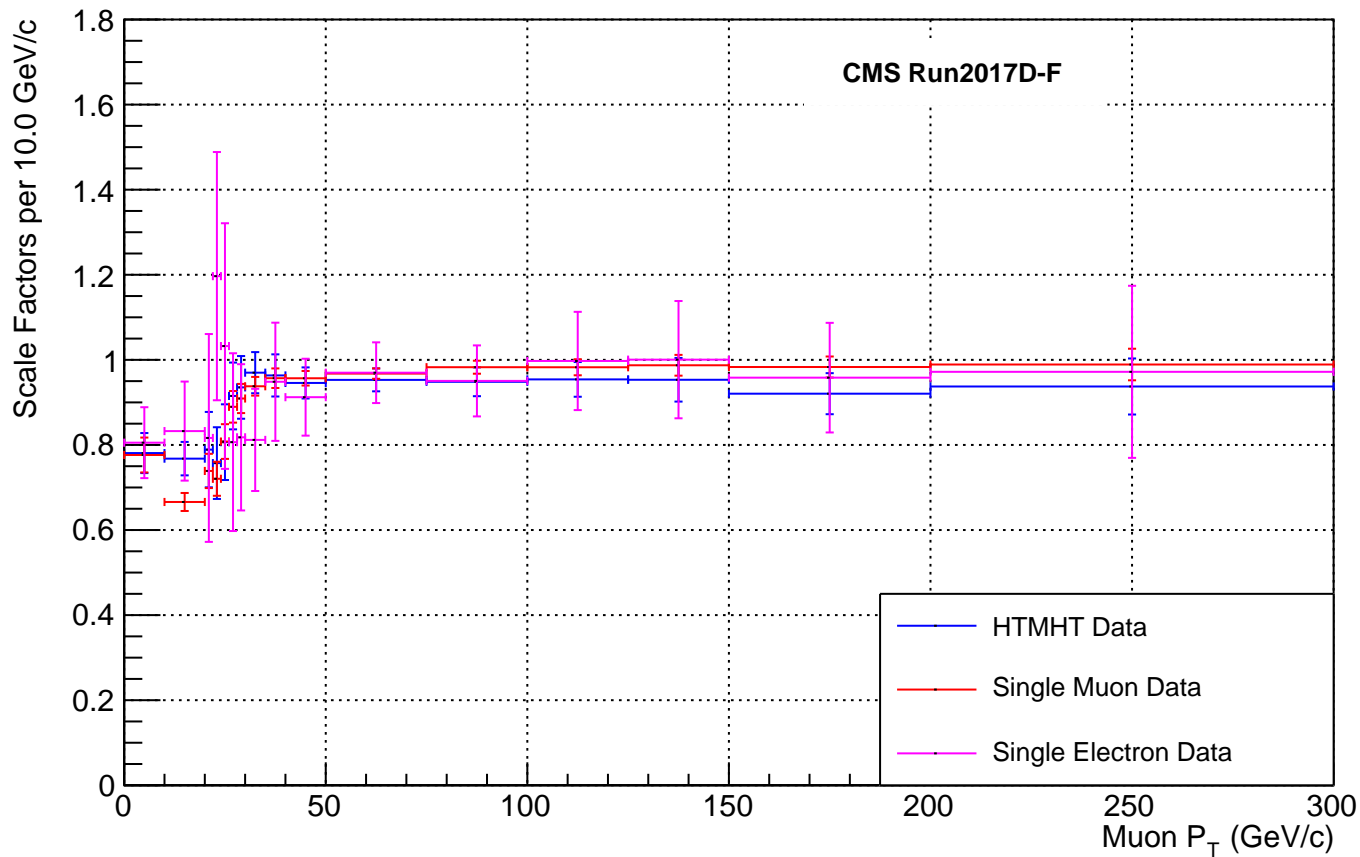
Number of Events per 1 GeV/c



# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



# IsoMu27\_PFHT380\_SixPFJet32\_DoublePFBTagDeepCSV\_2p2



**Values coming soon**