

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

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

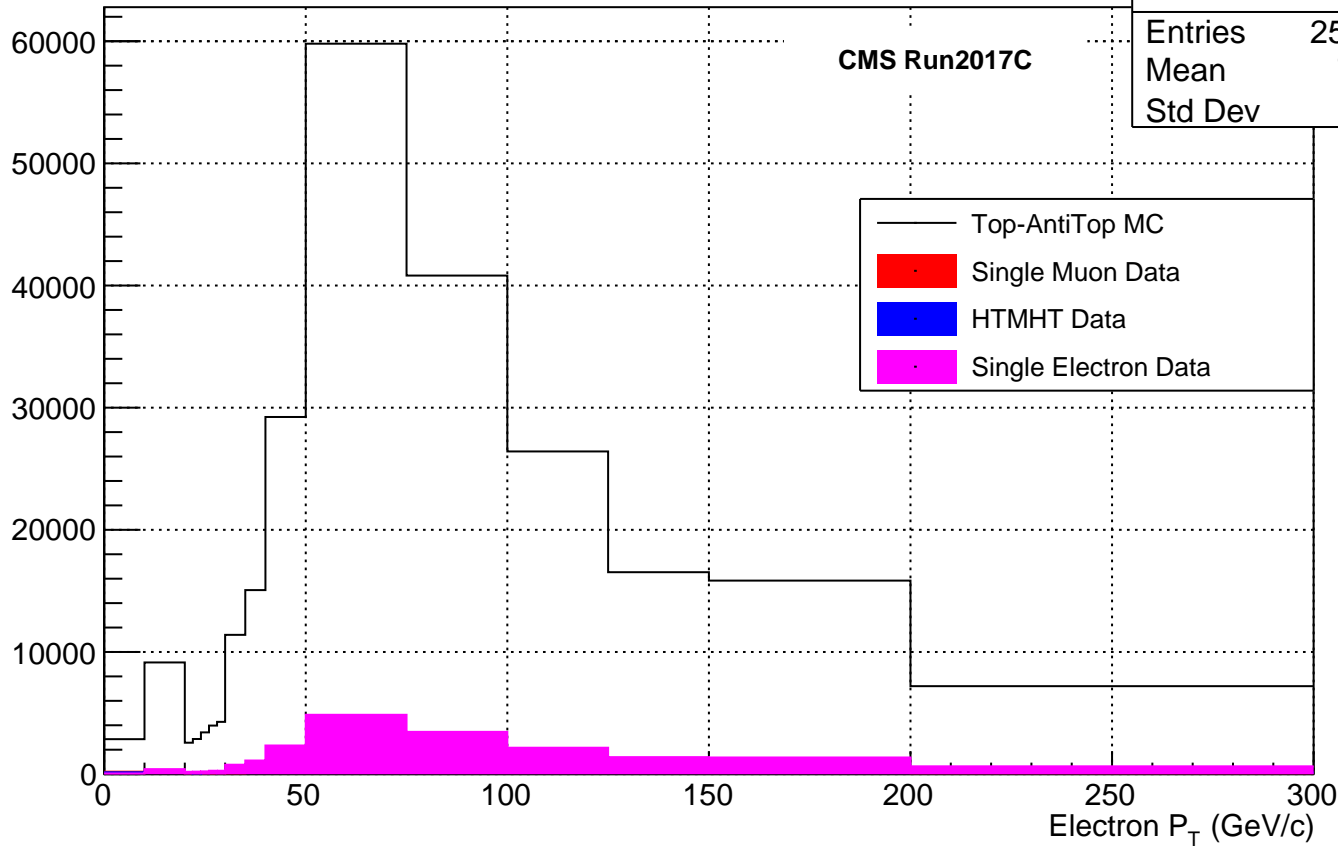
**Event Limit:** None (see last page)

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

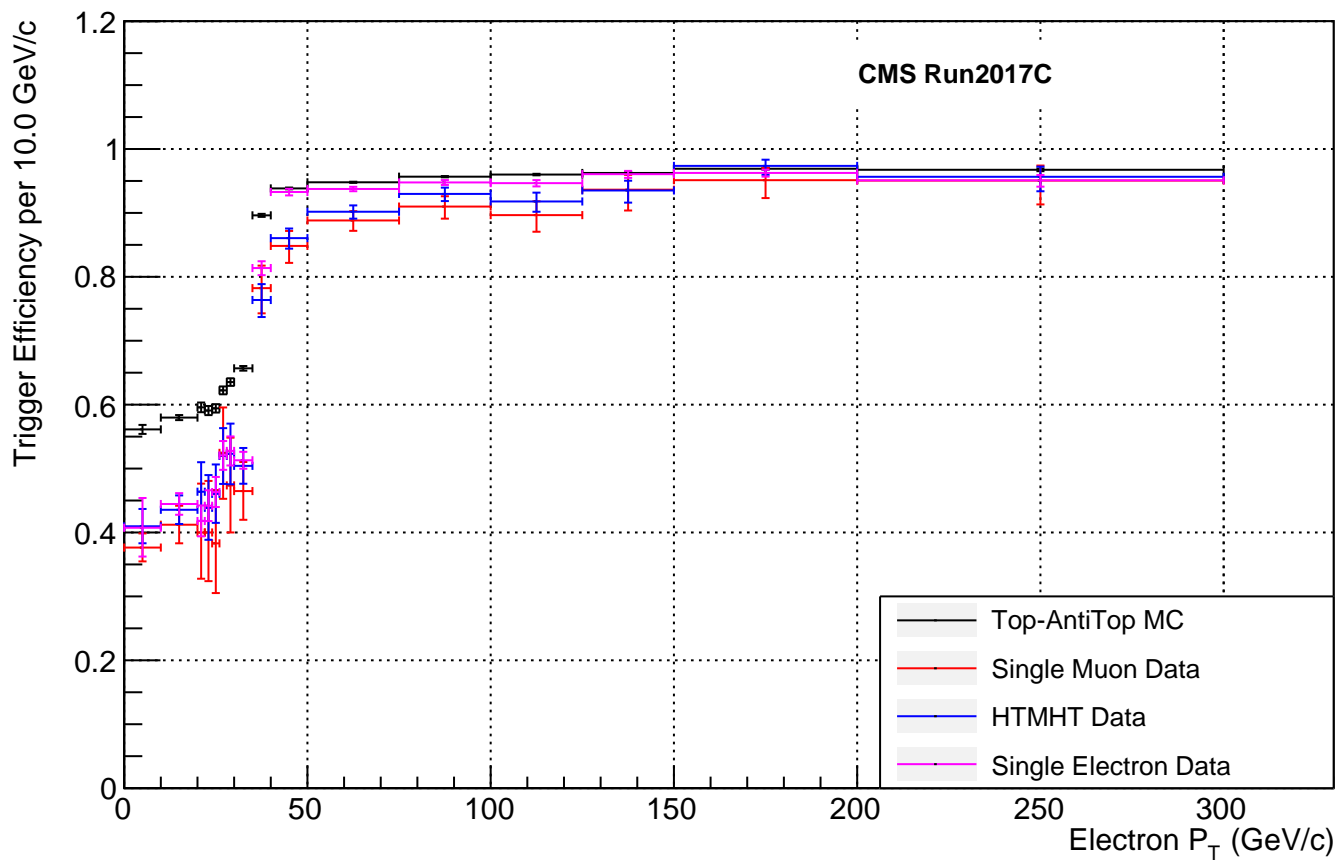
# Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

Number of Events per 1 GeV/c

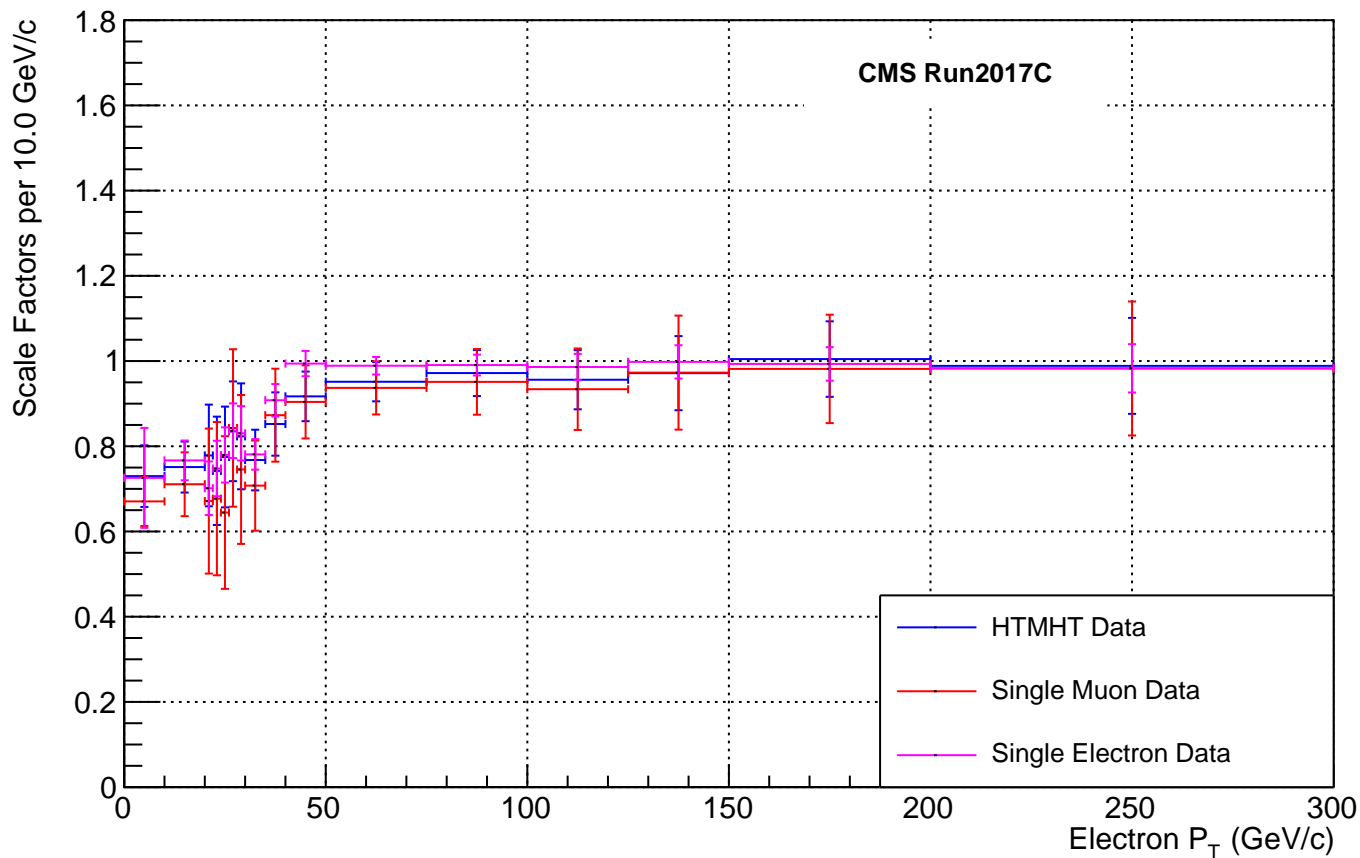


Entries	252647
Mean	78.23
Std Dev	49.2

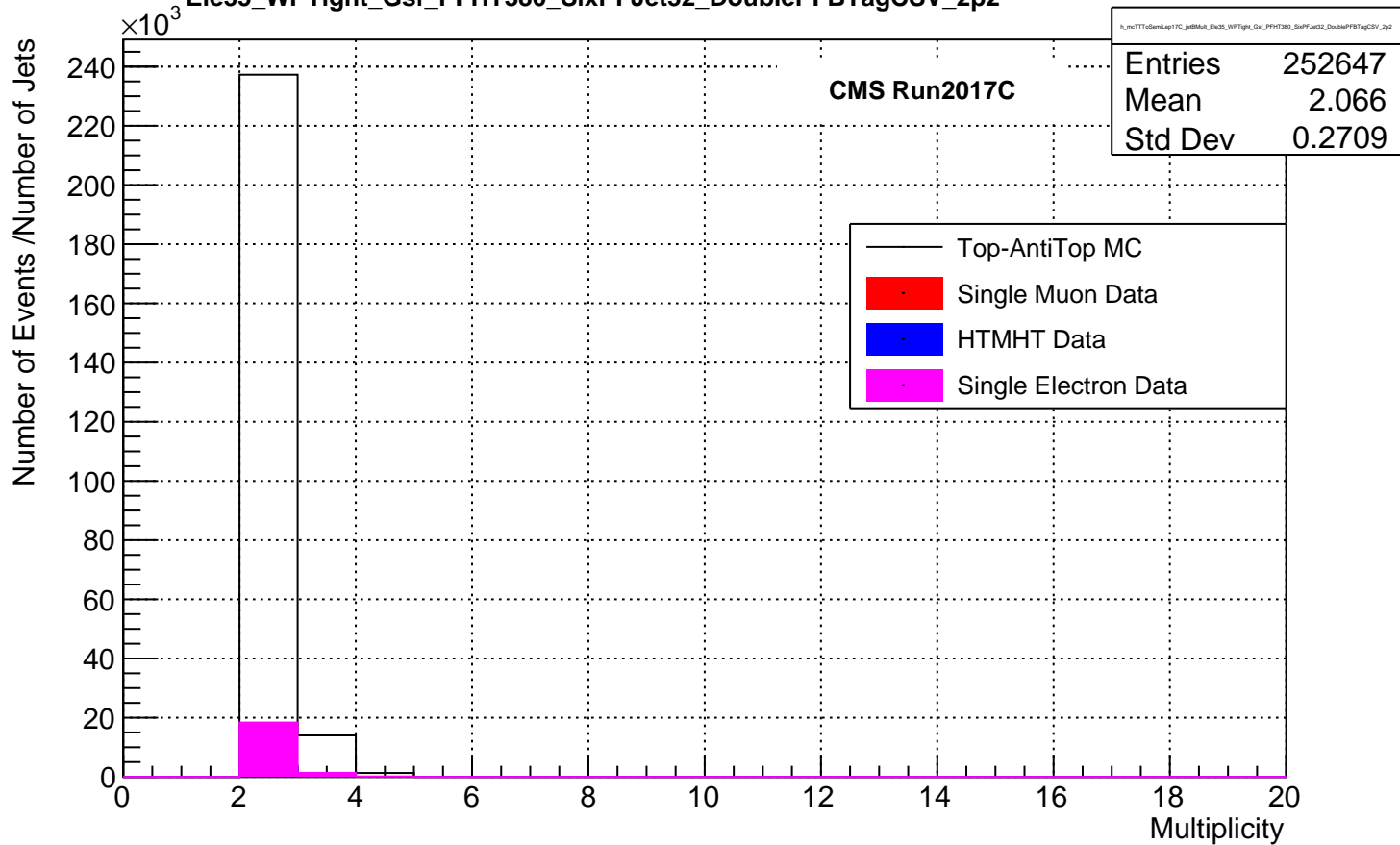
Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



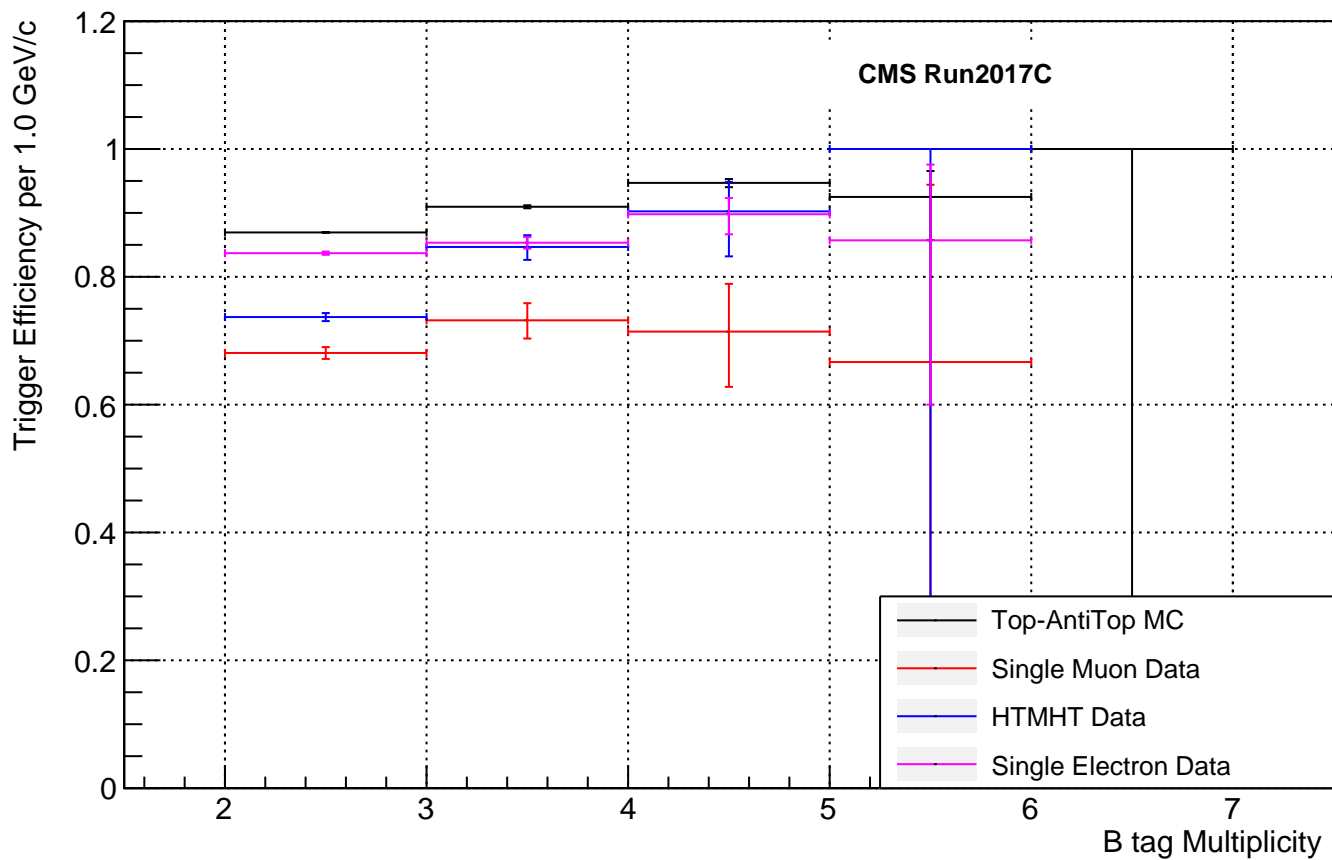
Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



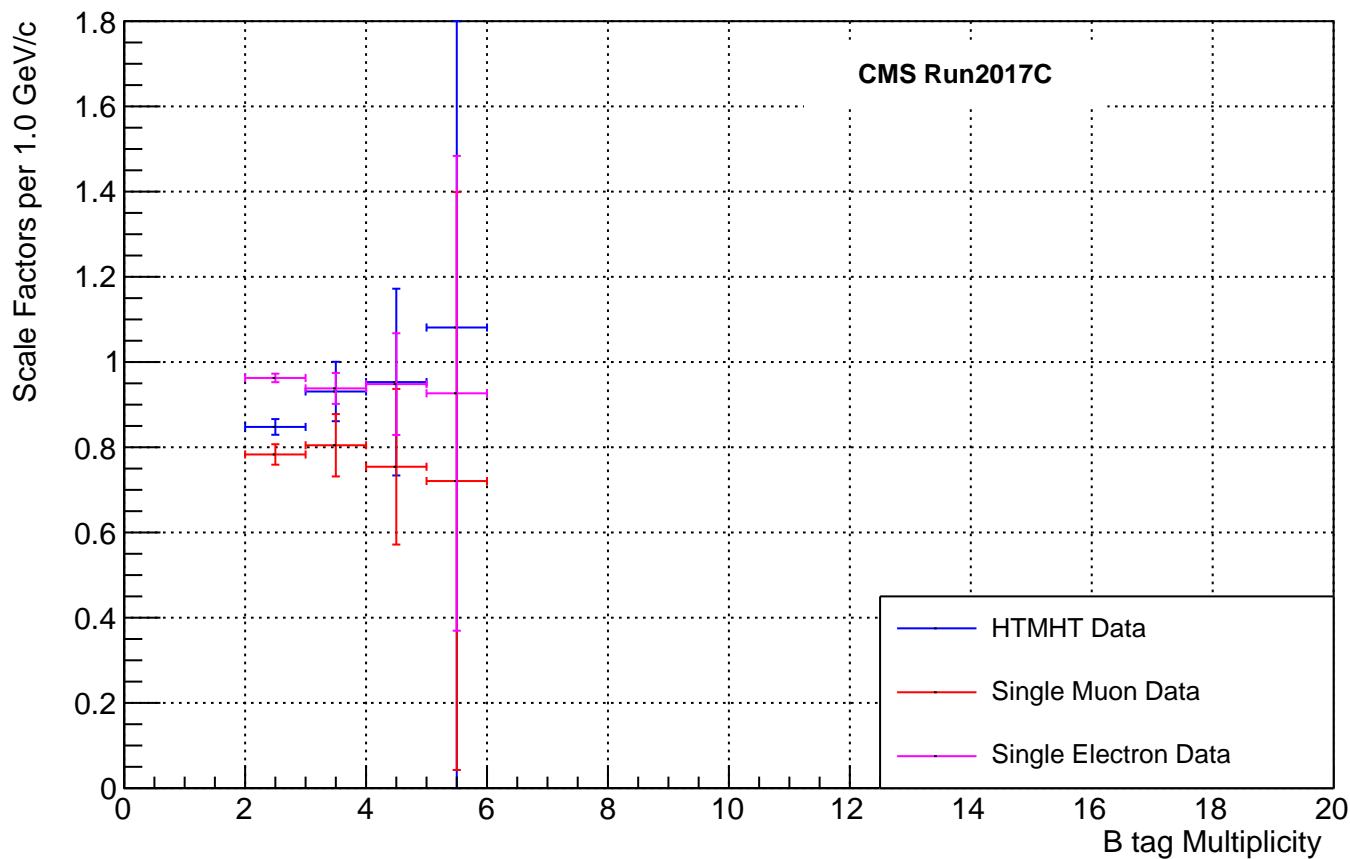
# Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



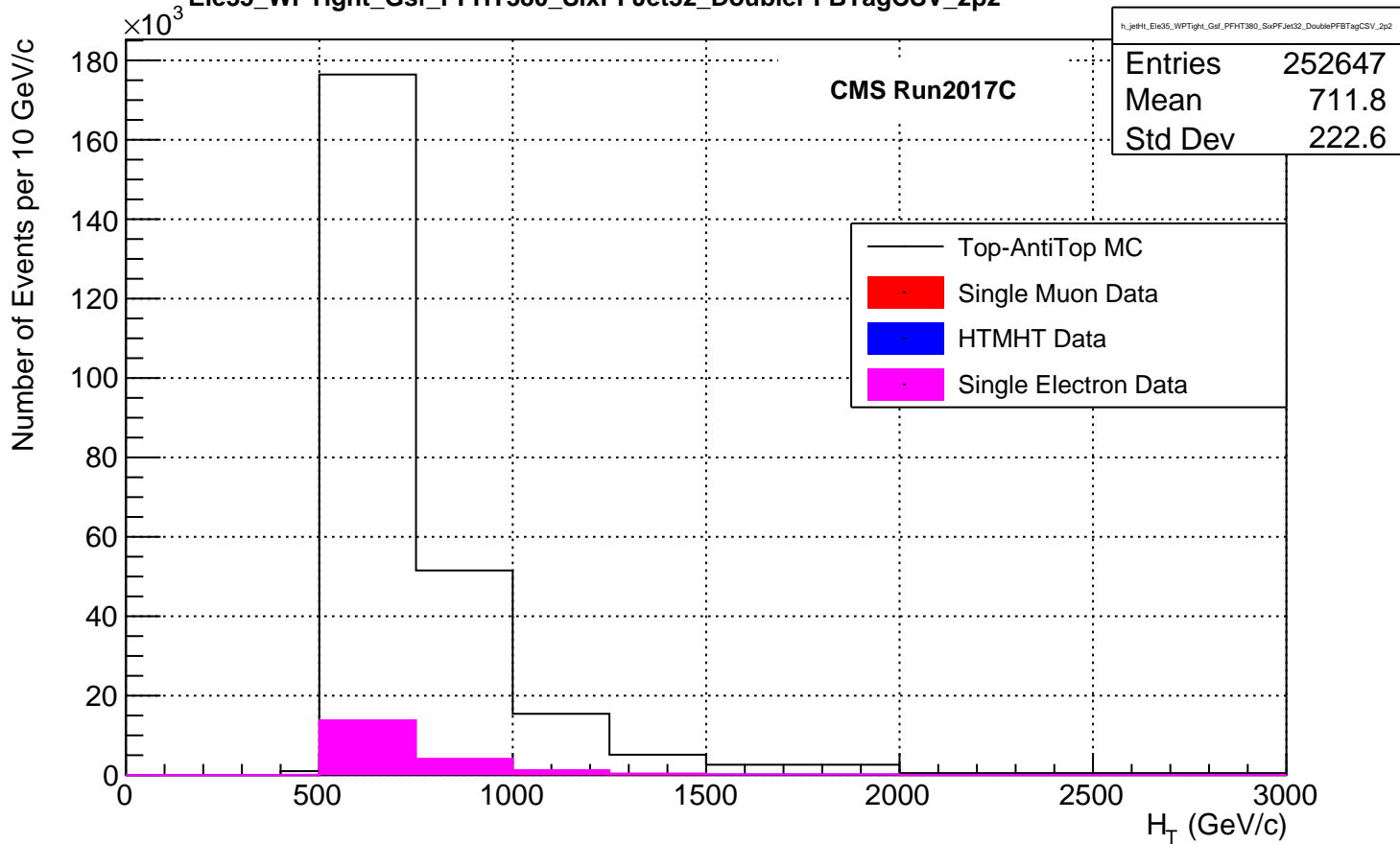
Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

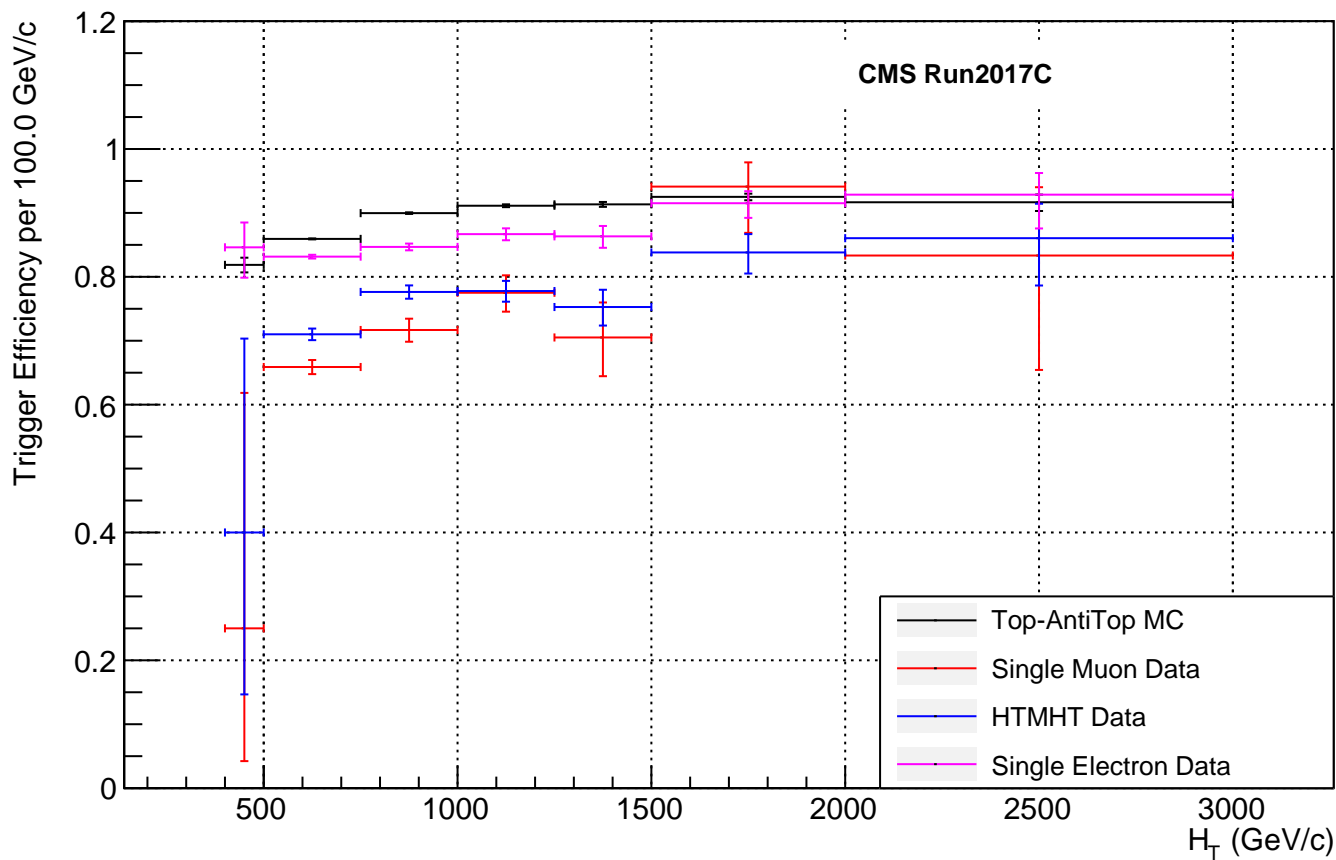


# Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

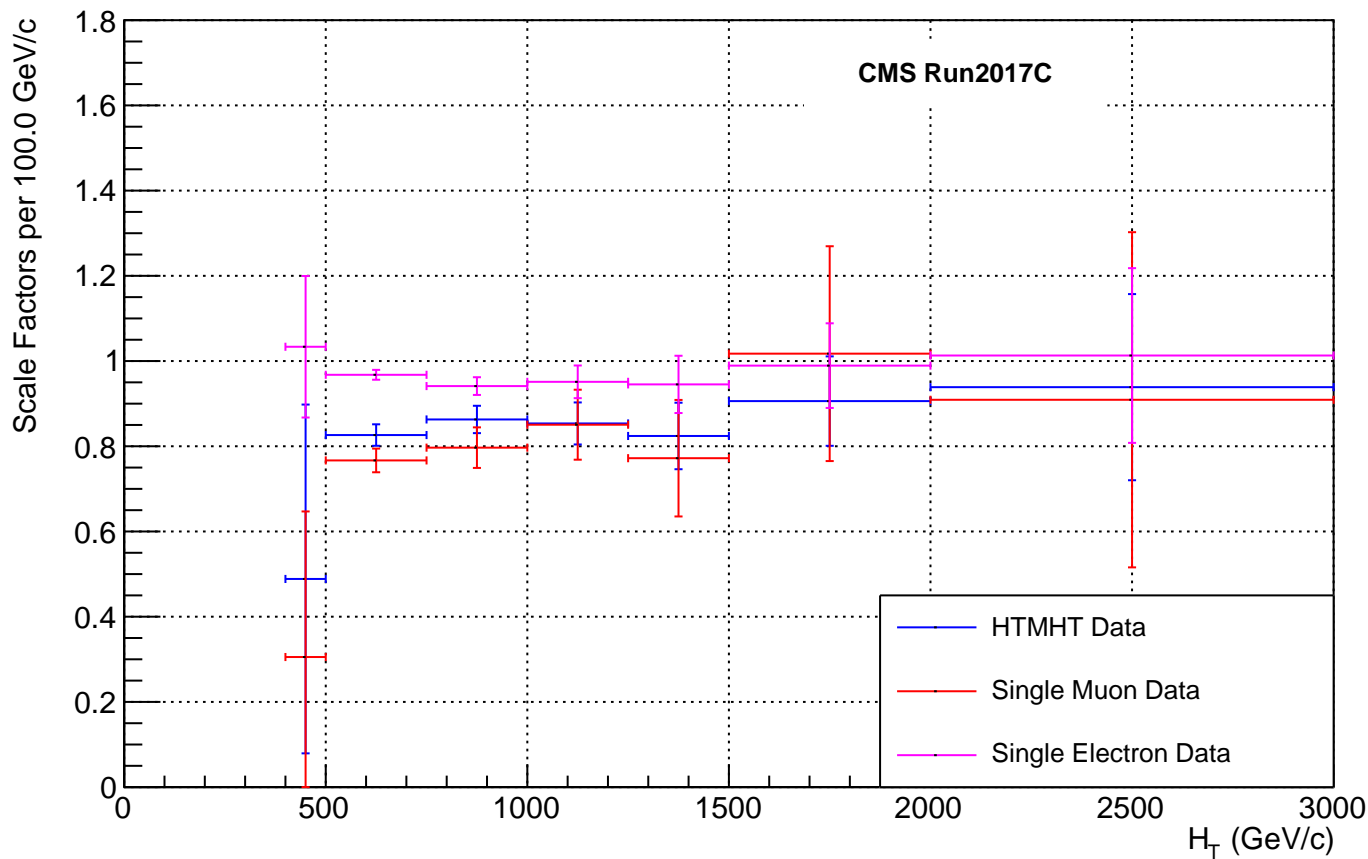




Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

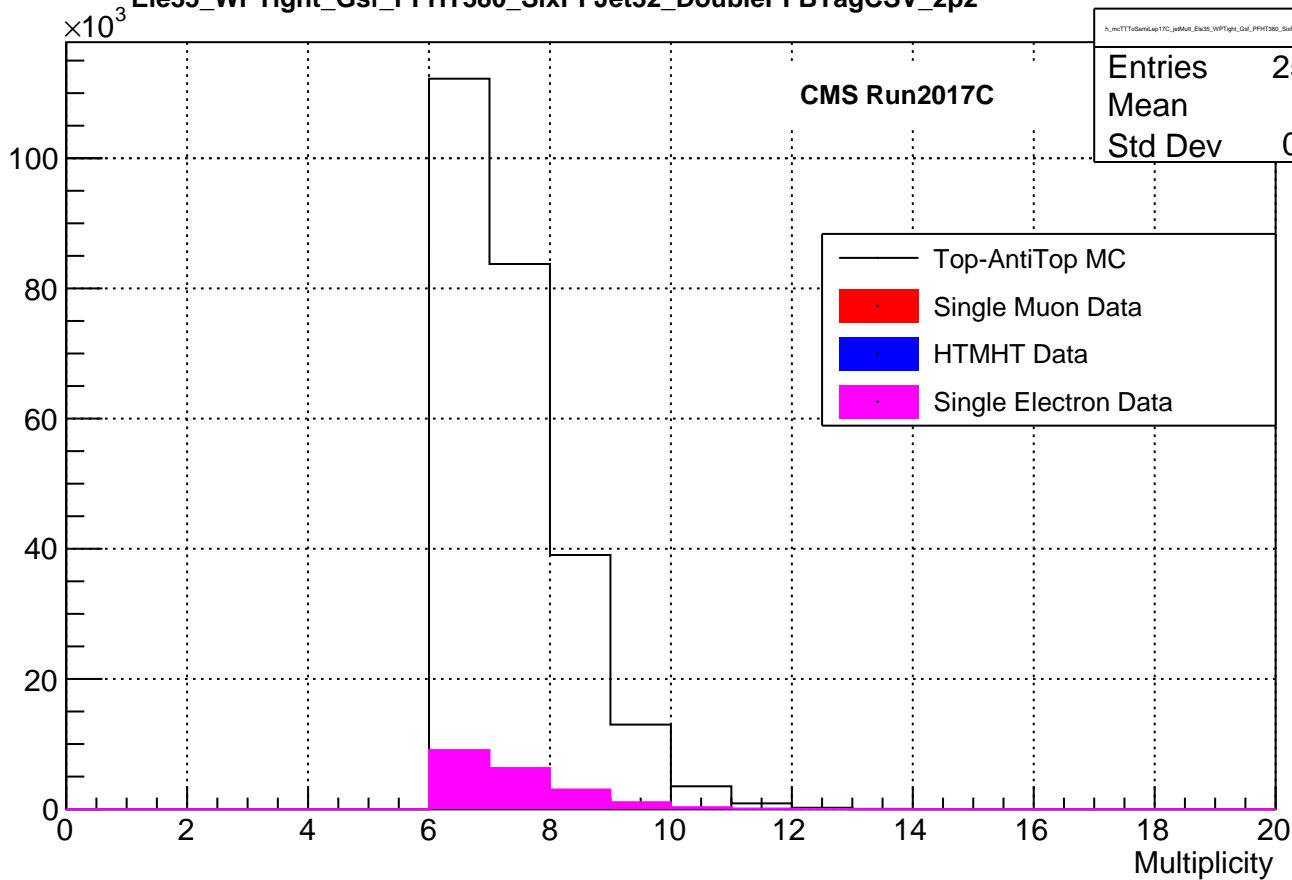


Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

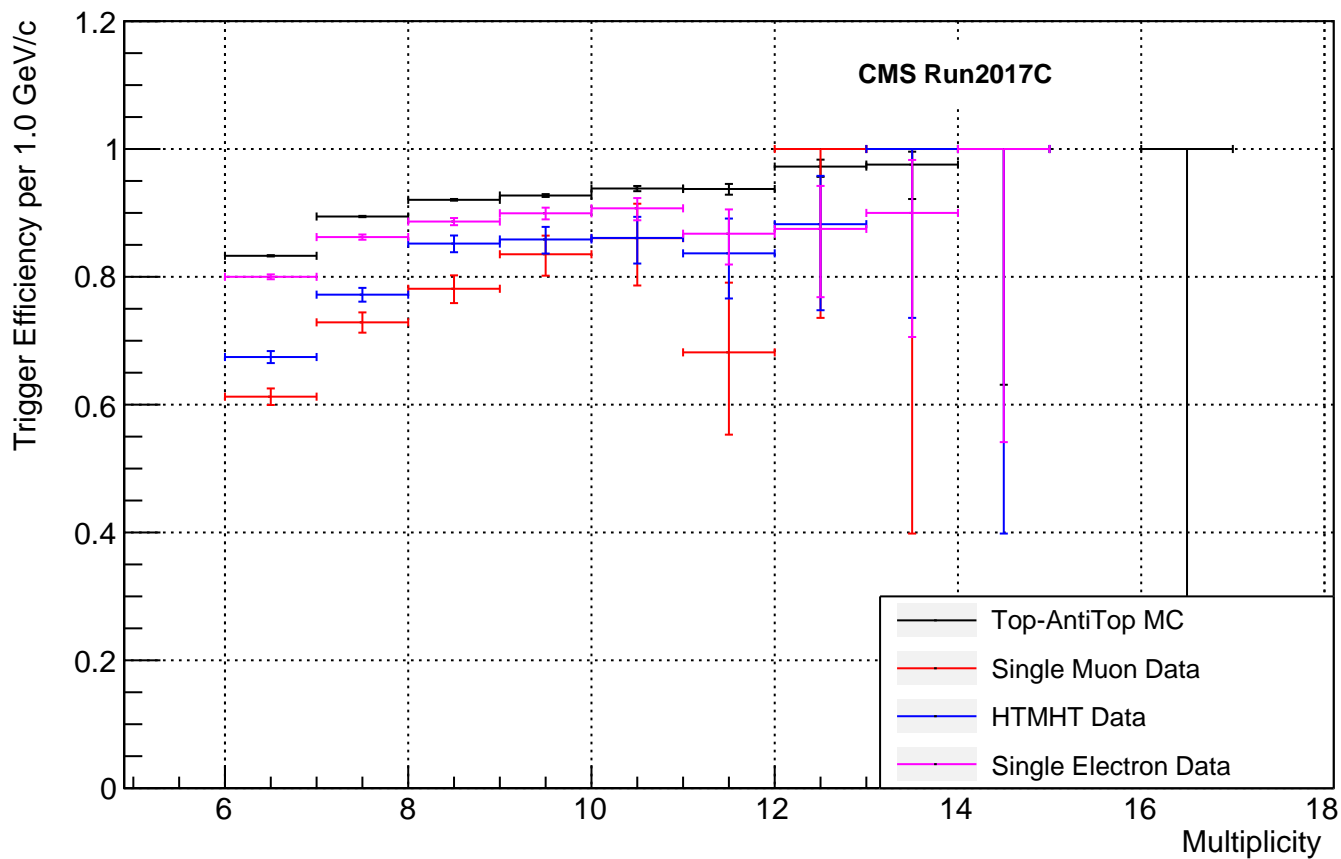


Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2

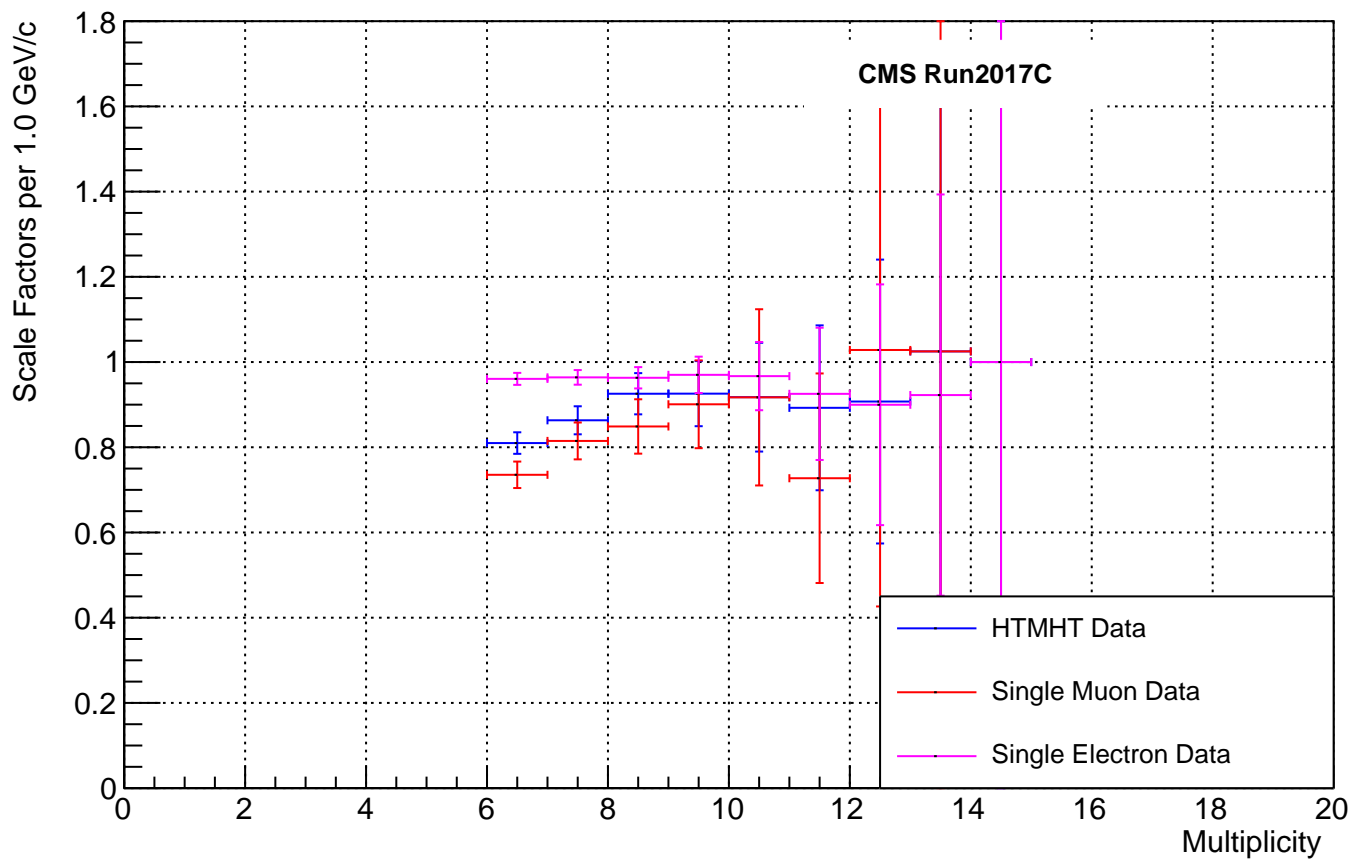
Number of Events per Number of Jets



Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



Ele35\_WPTight\_Gsf\_PFHT380\_SixPFJet32\_DoublePFBTagCSV\_2p2



**Values coming soon**