

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

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

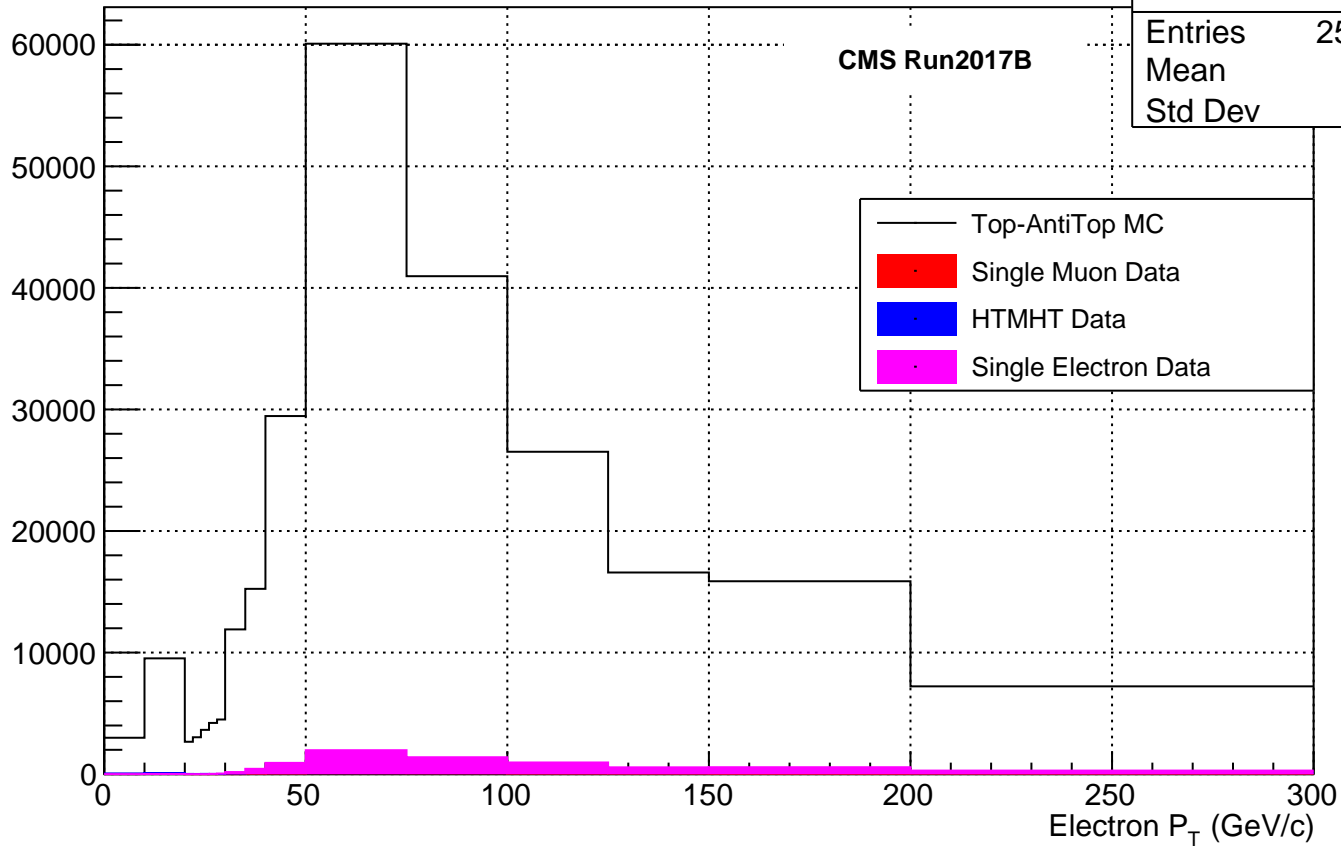
**Event Limit:** None (see last page)

### **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  $\text{tightId}$ ,  $|\eta| < 2.4$  and  $\text{PFRelIso\_all} < 0.15$  (for at least 1)
- $\text{HT} > 500 \text{ GeV}$

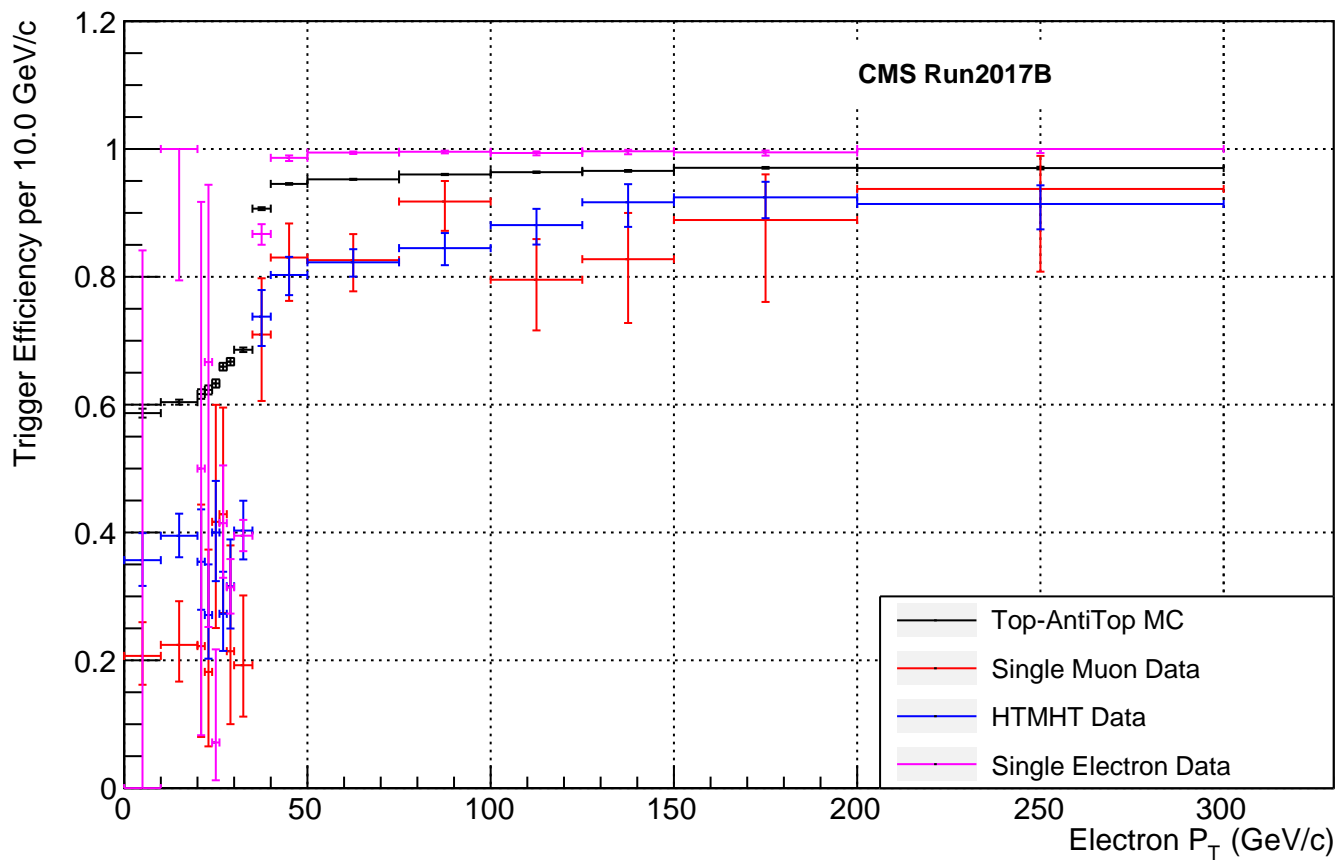
## Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075

Number of Events per 1 GeV/c

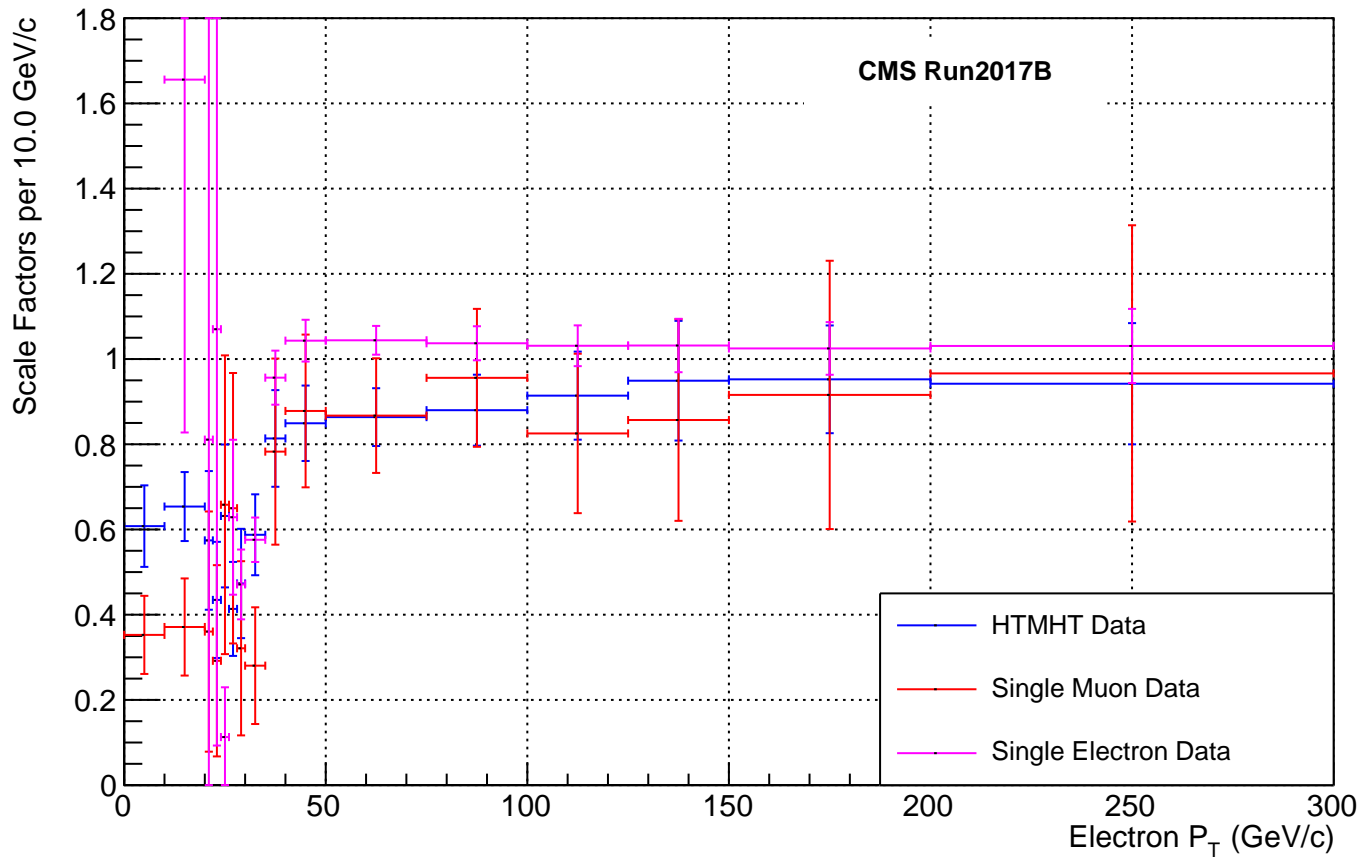


Entries	255621
Mean	77.8
Std Dev	49.21

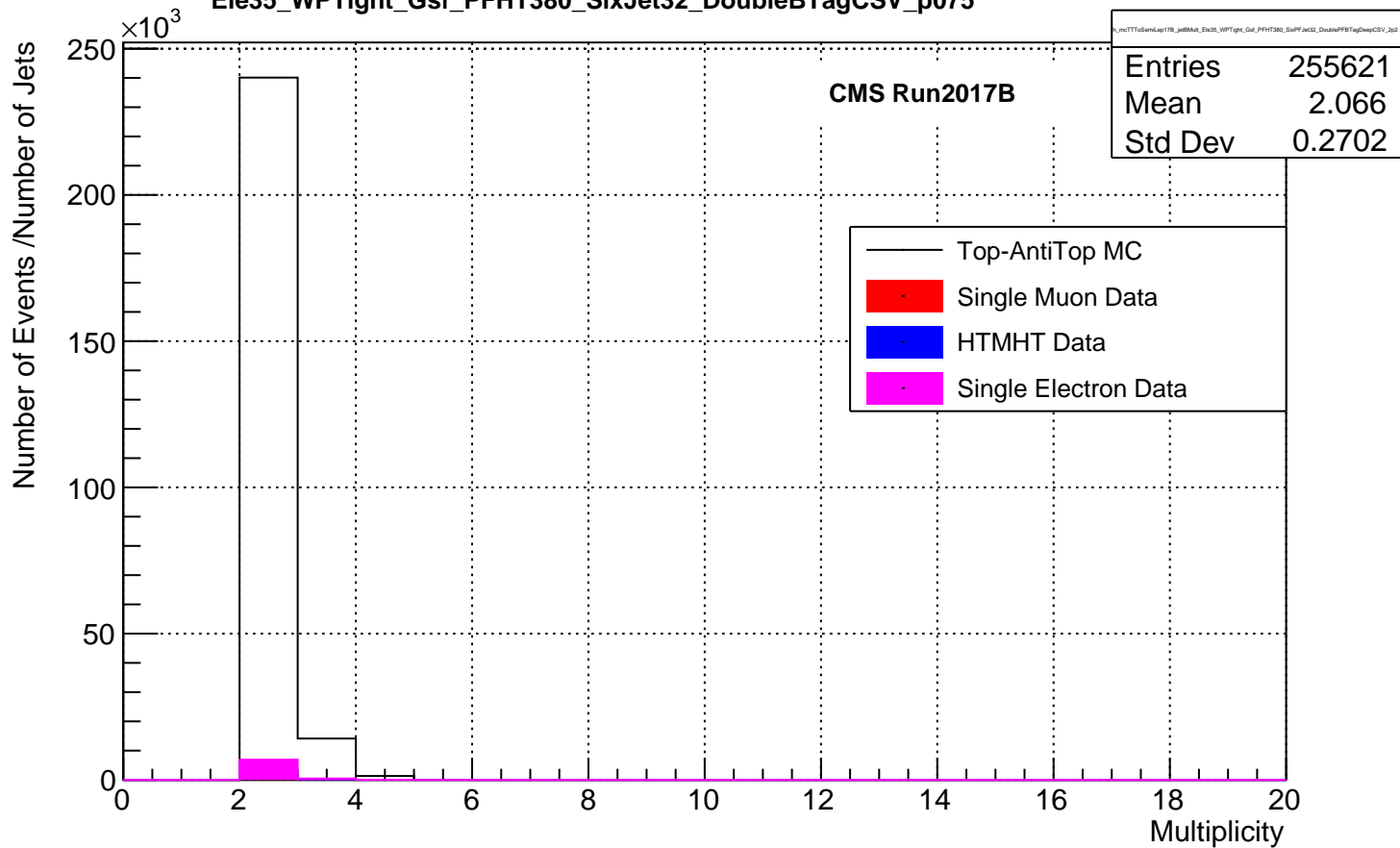
# Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075



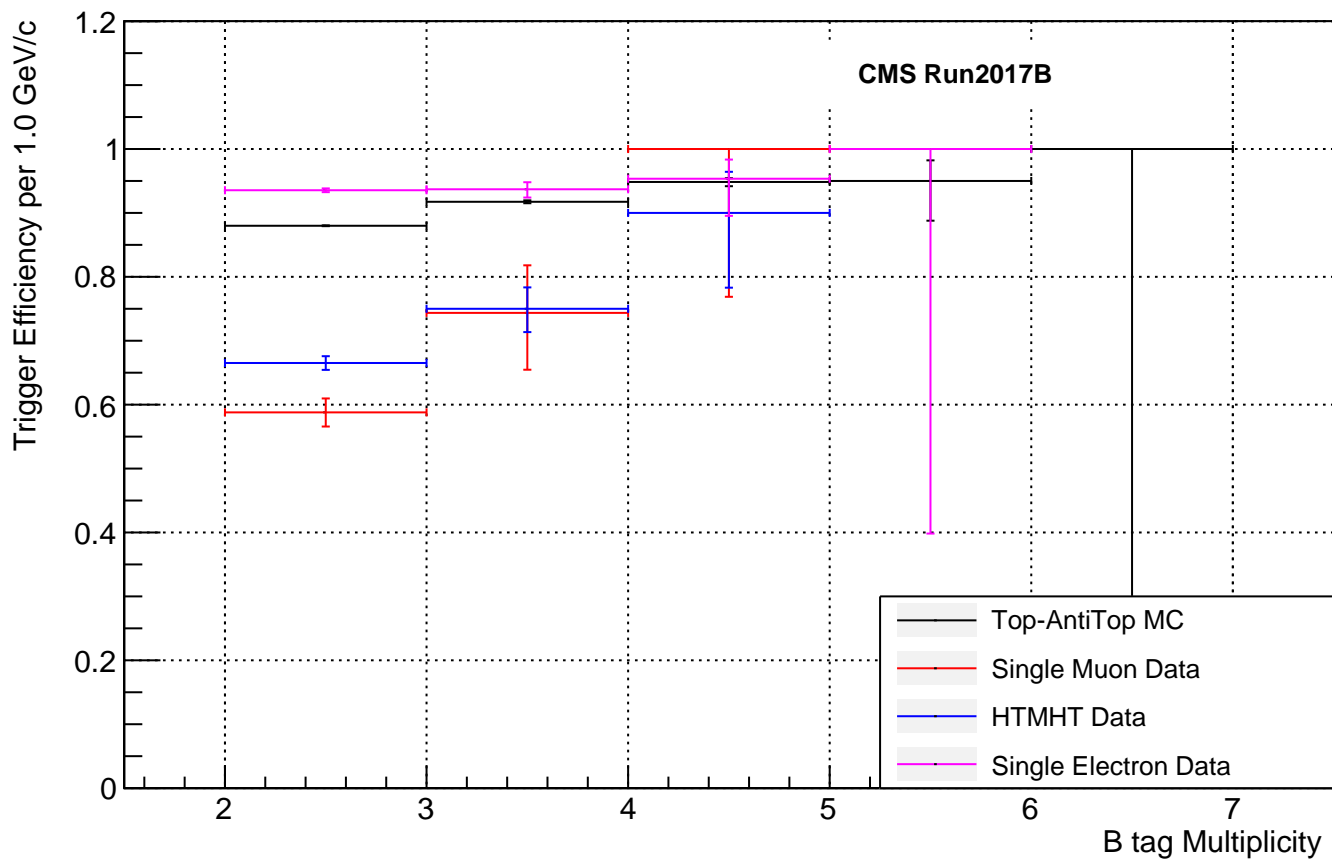
## Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075



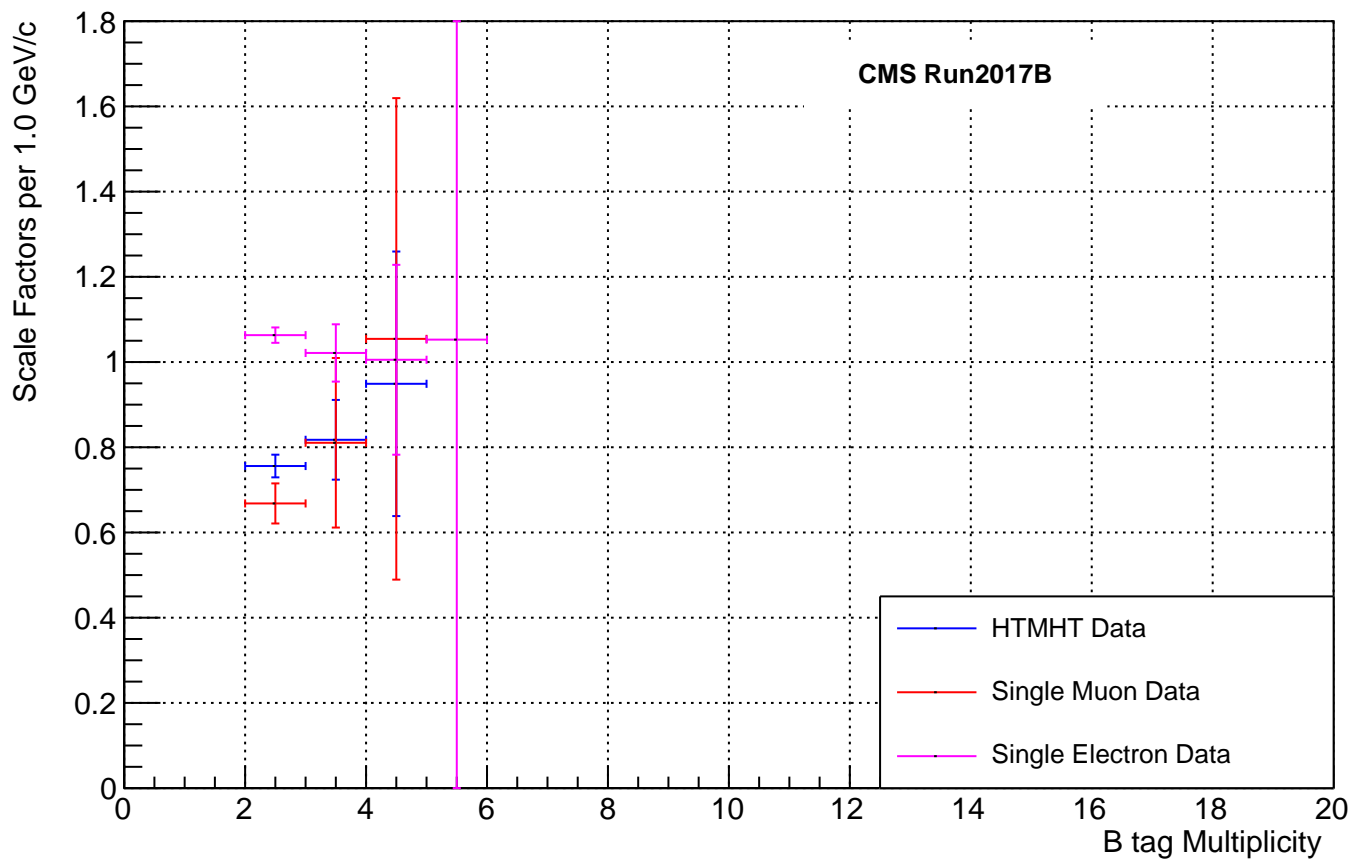
## Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075



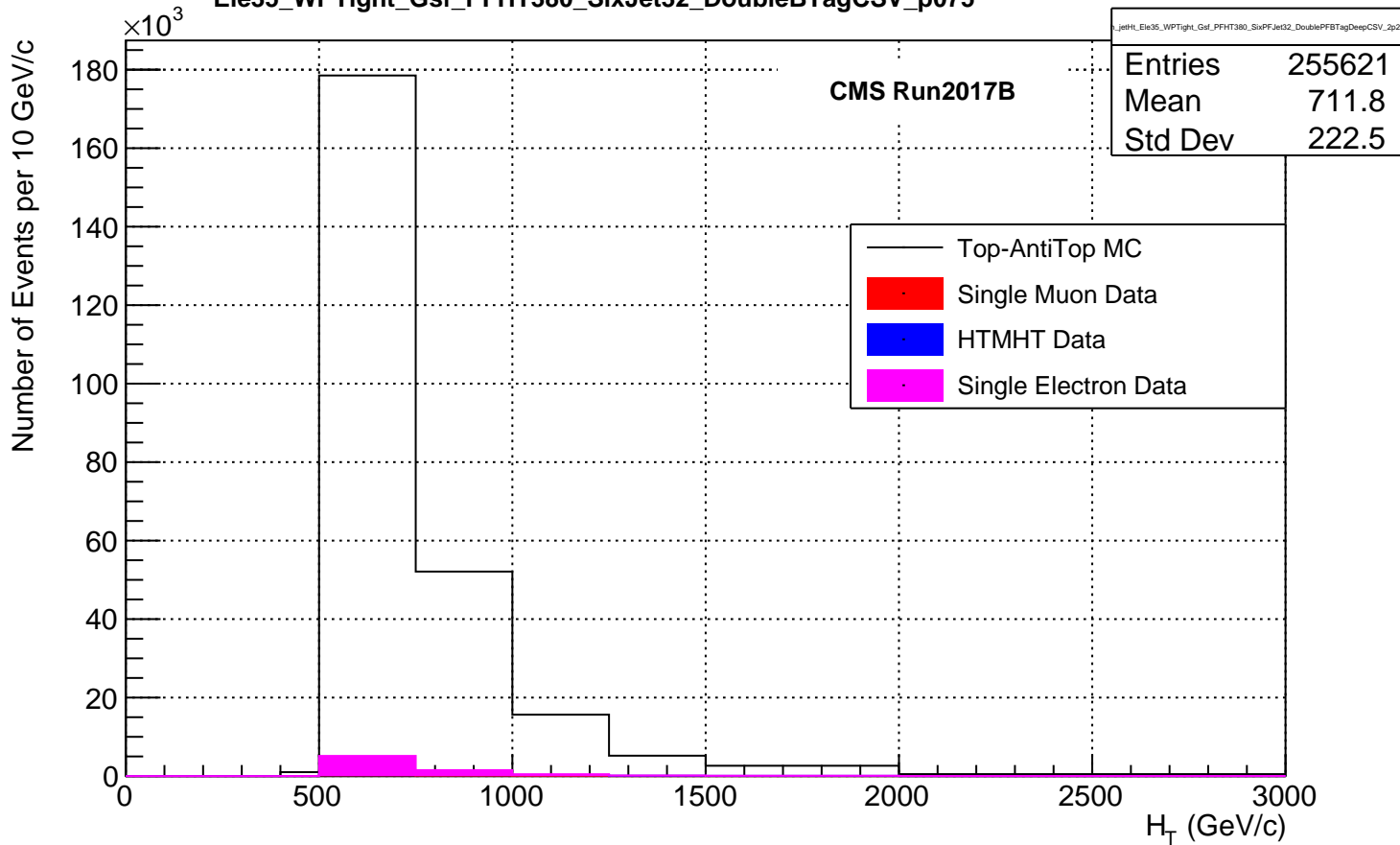
# Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075



# Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075

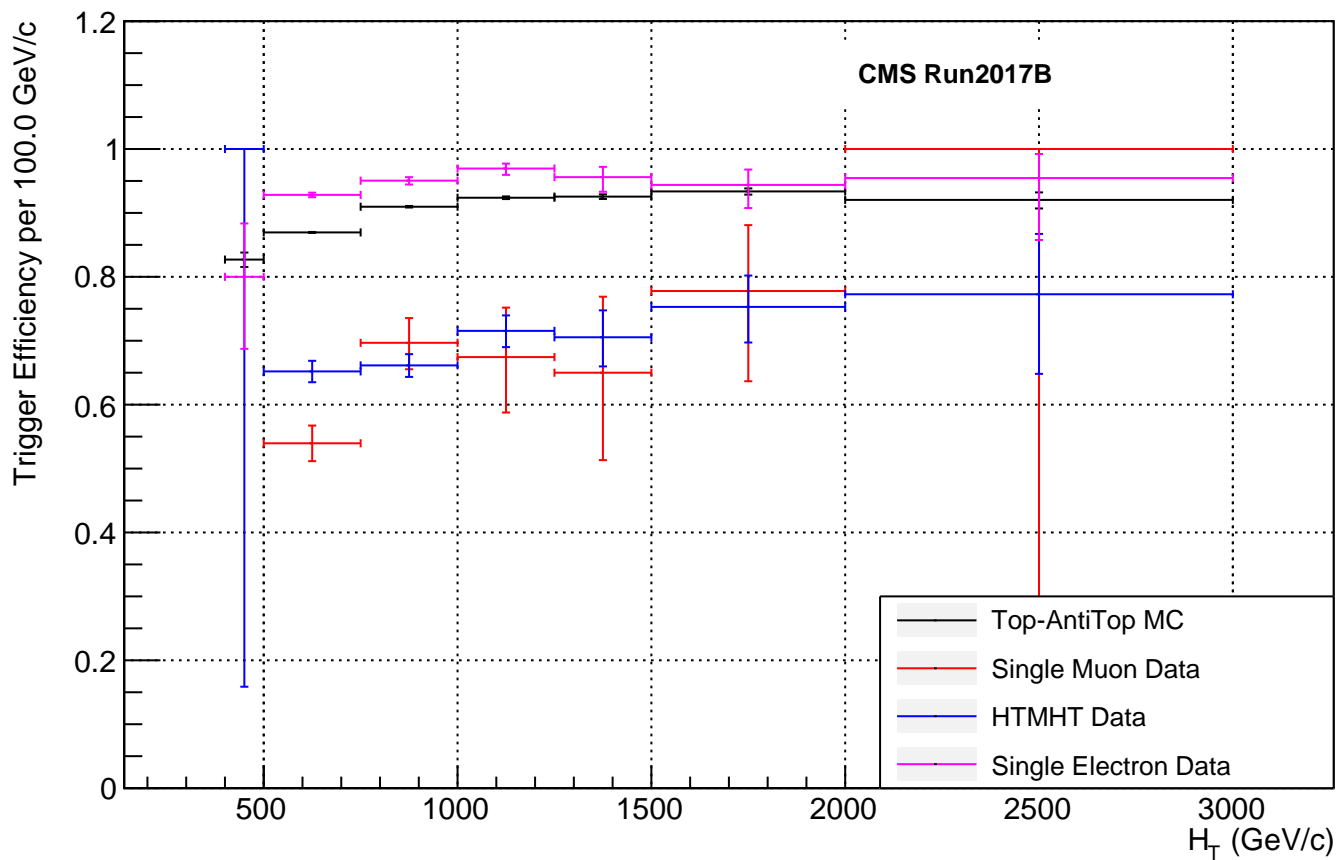


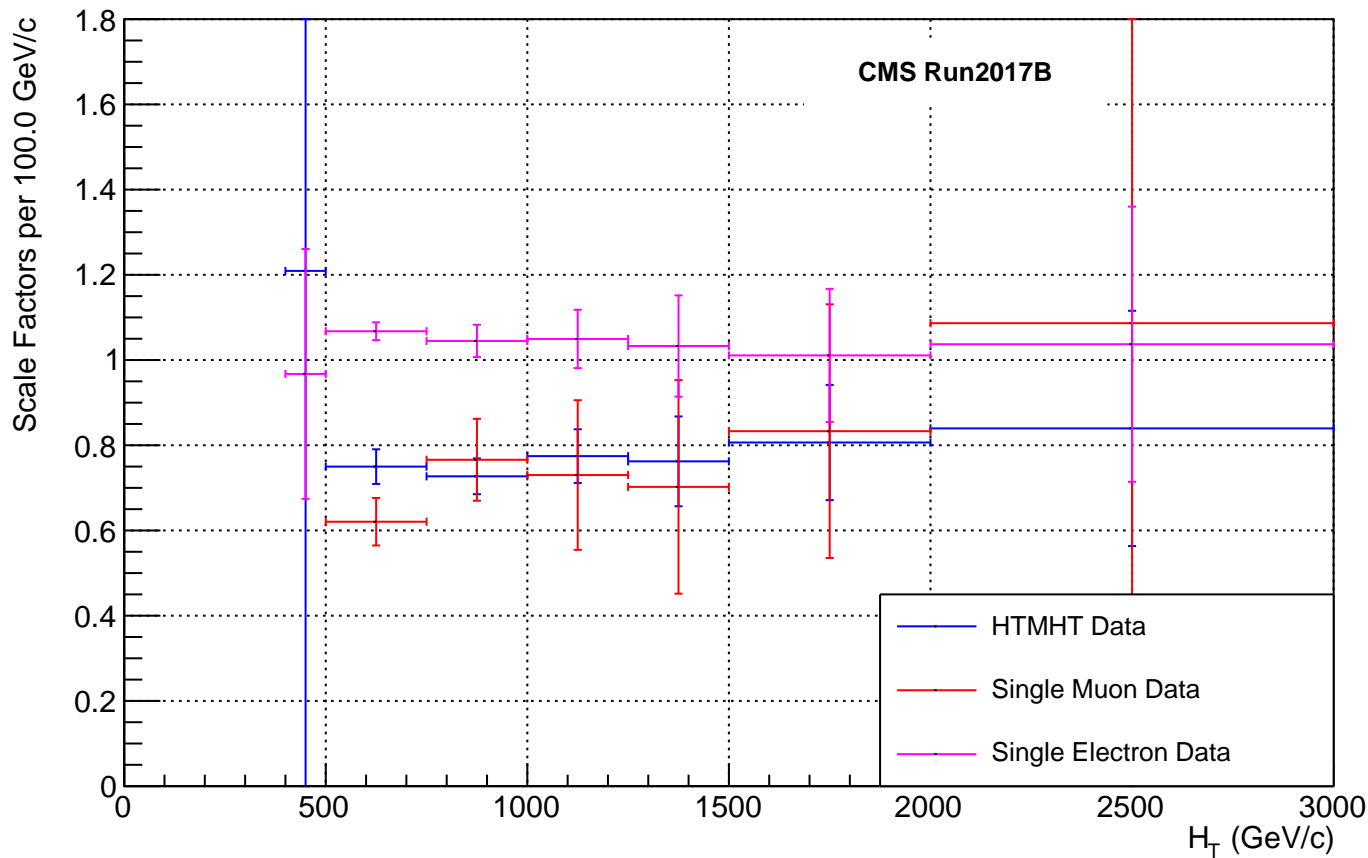
# Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075





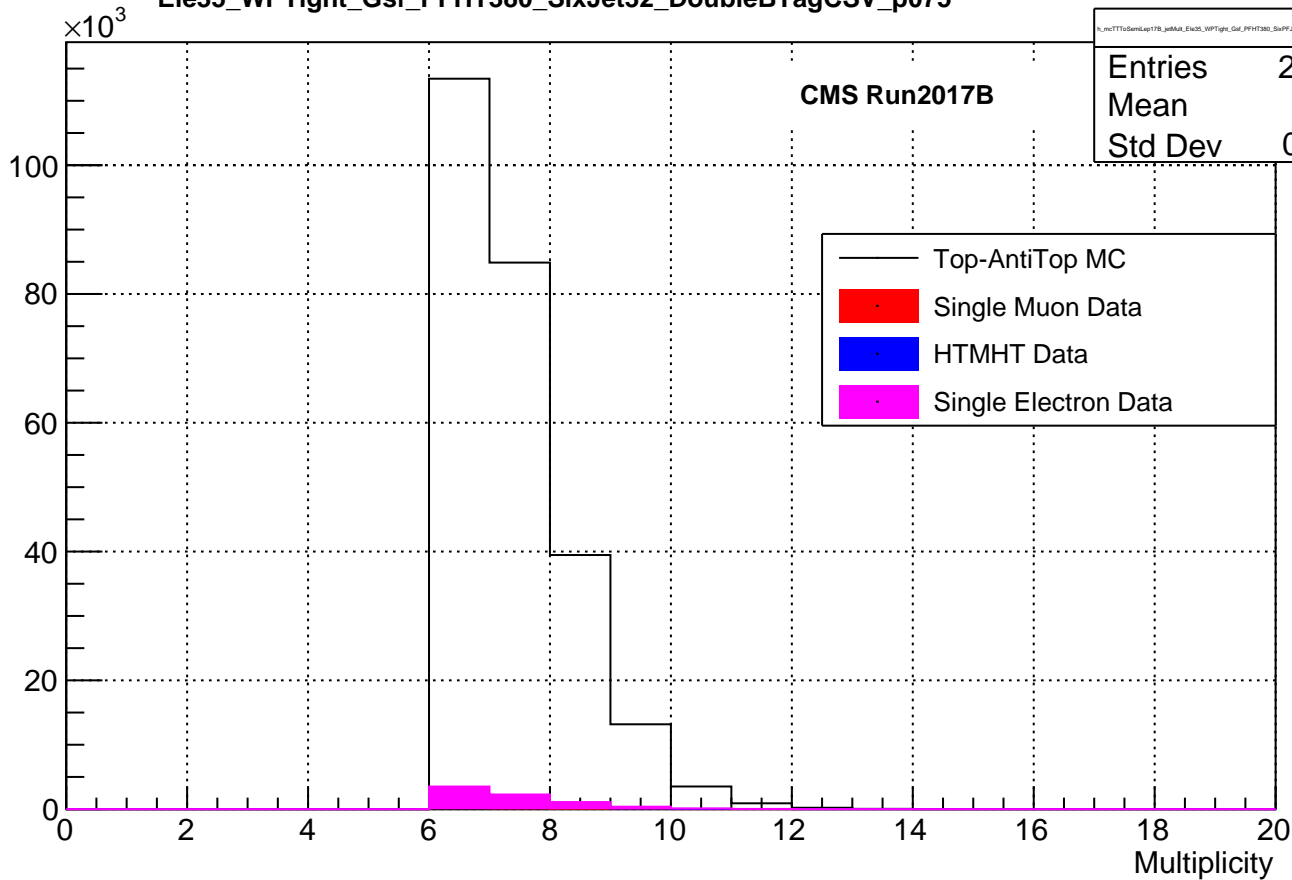
Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075





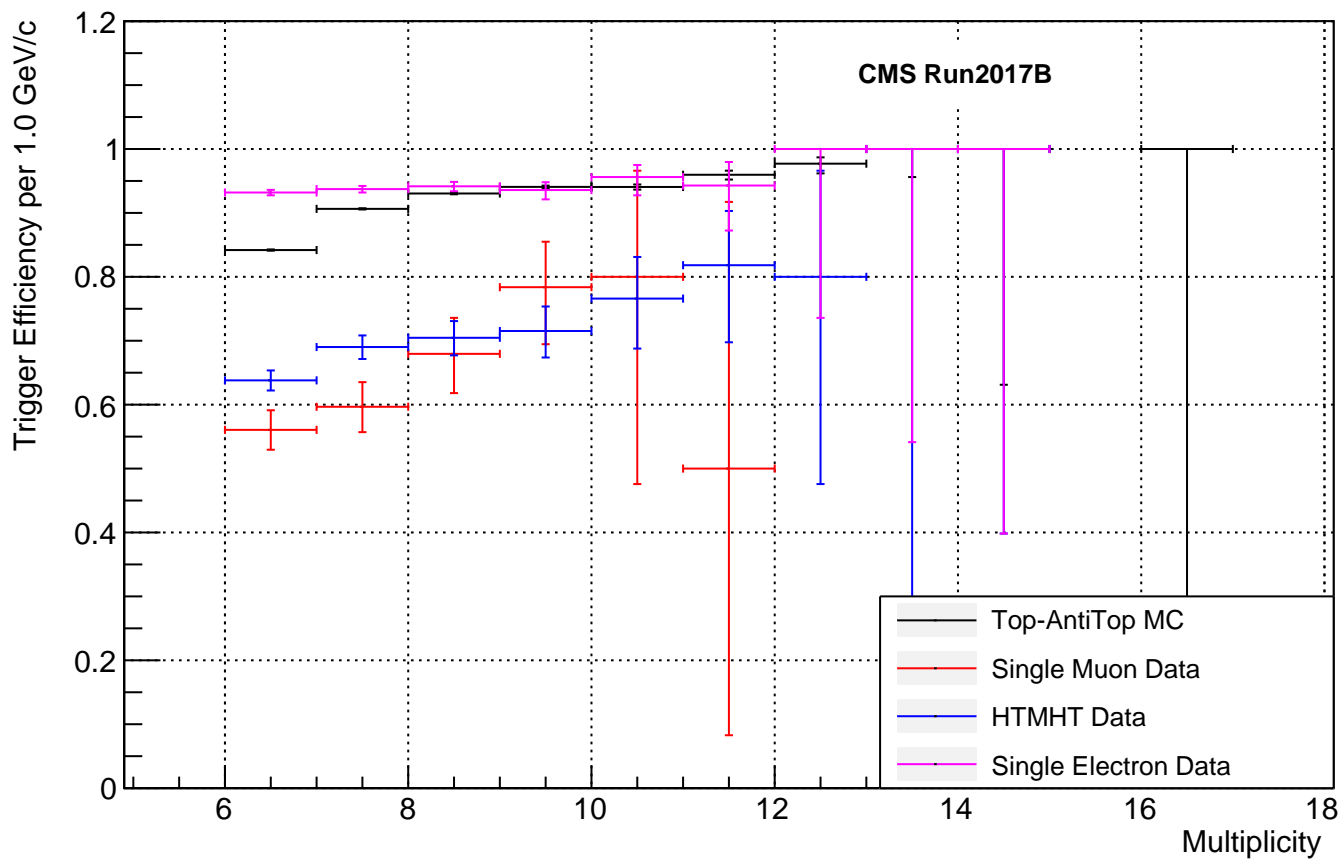
# Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075

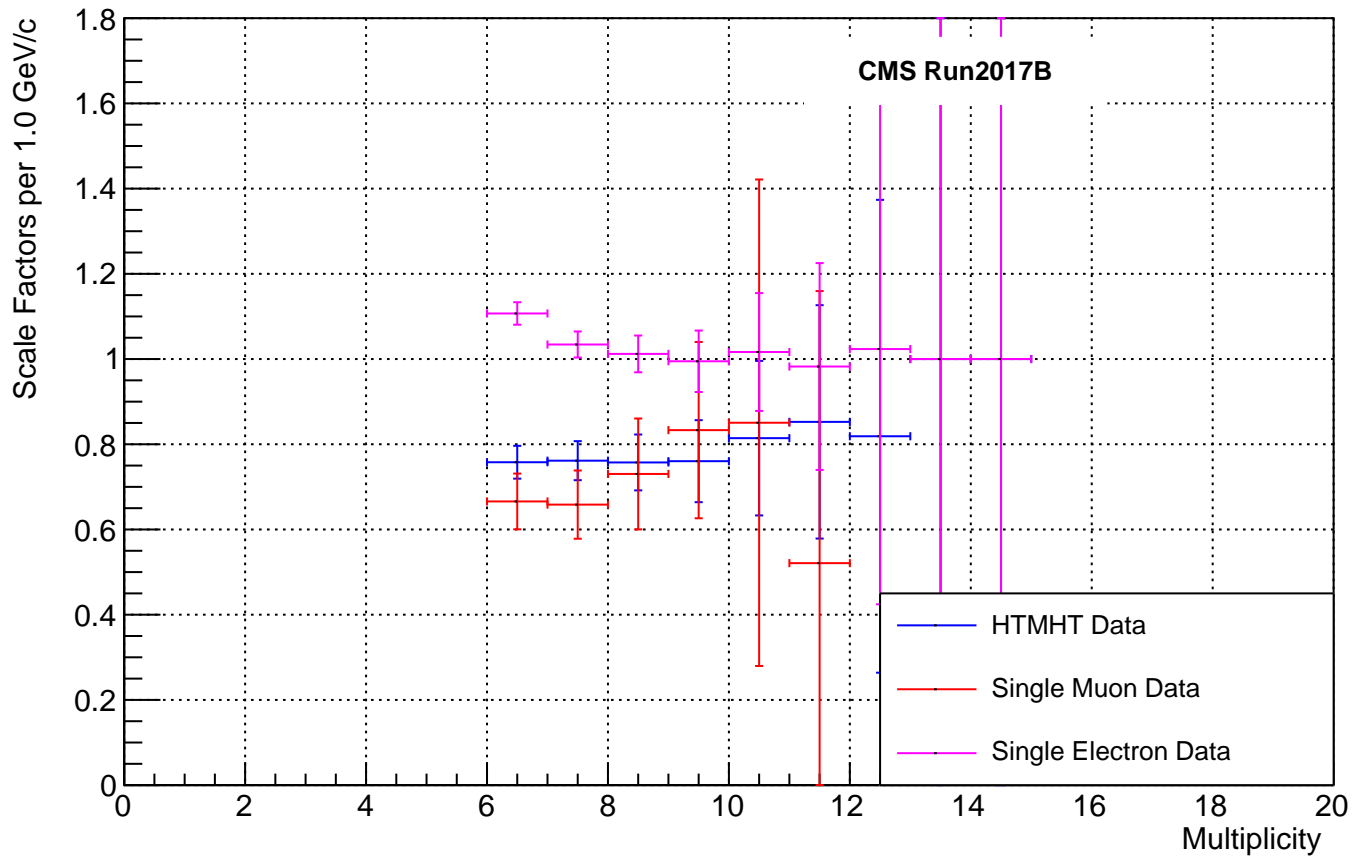
Number of Events per Number of Jets



Entries	255621
Mean	6.874
Std Dev	0.9983

Ele35\_WPTight\_Gsf\_PFHT380\_SixJet32\_DoubleBTagCSV\_p075





**Values coming soon**