

Pre-selection Requisites for:

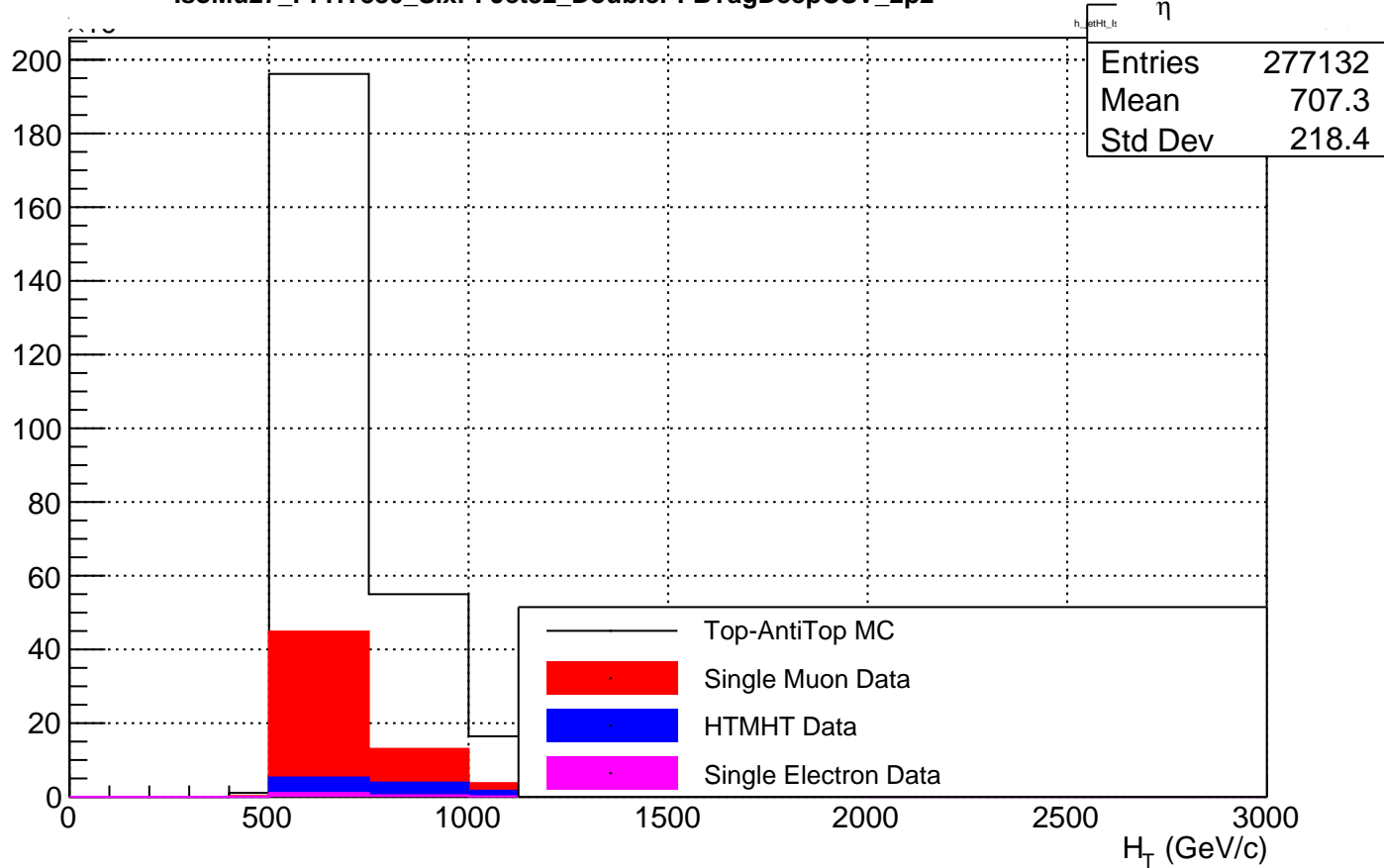
- **Jets:** number > 5
- **Leptons (Muons or Electrons):** number > 0

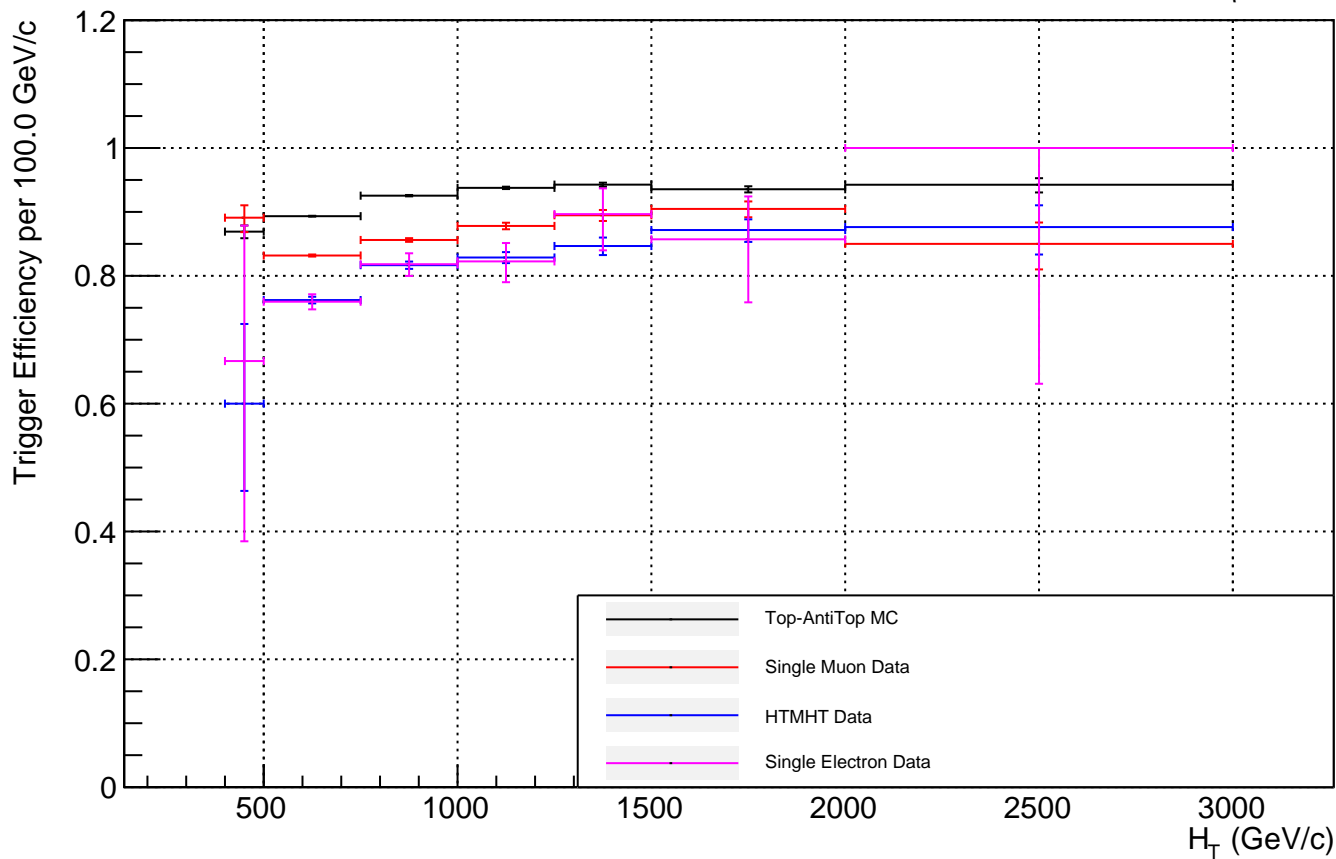
Event Limit: None (see last page)

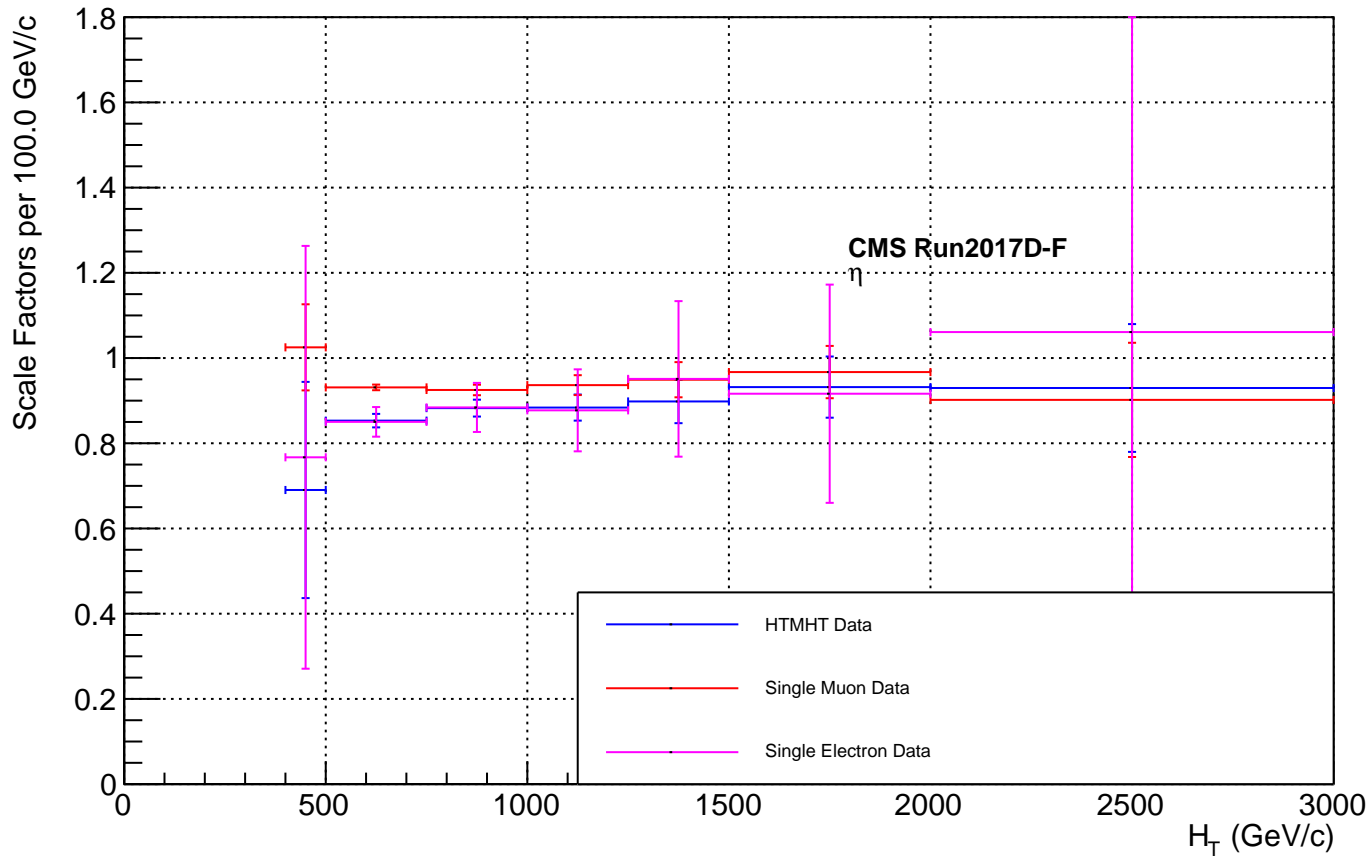
Baseline selection Requisites for:

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

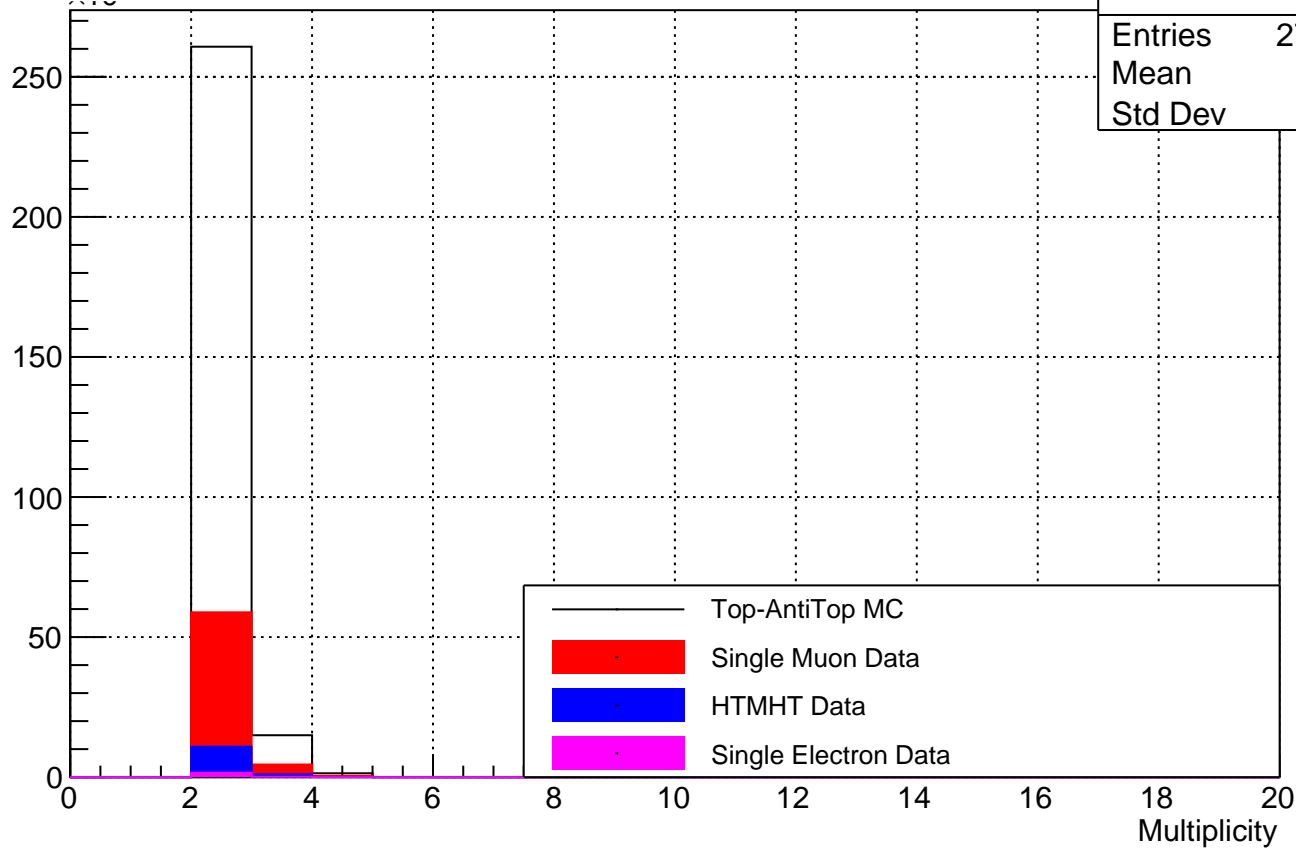
Number of Events per 10 GeV/c

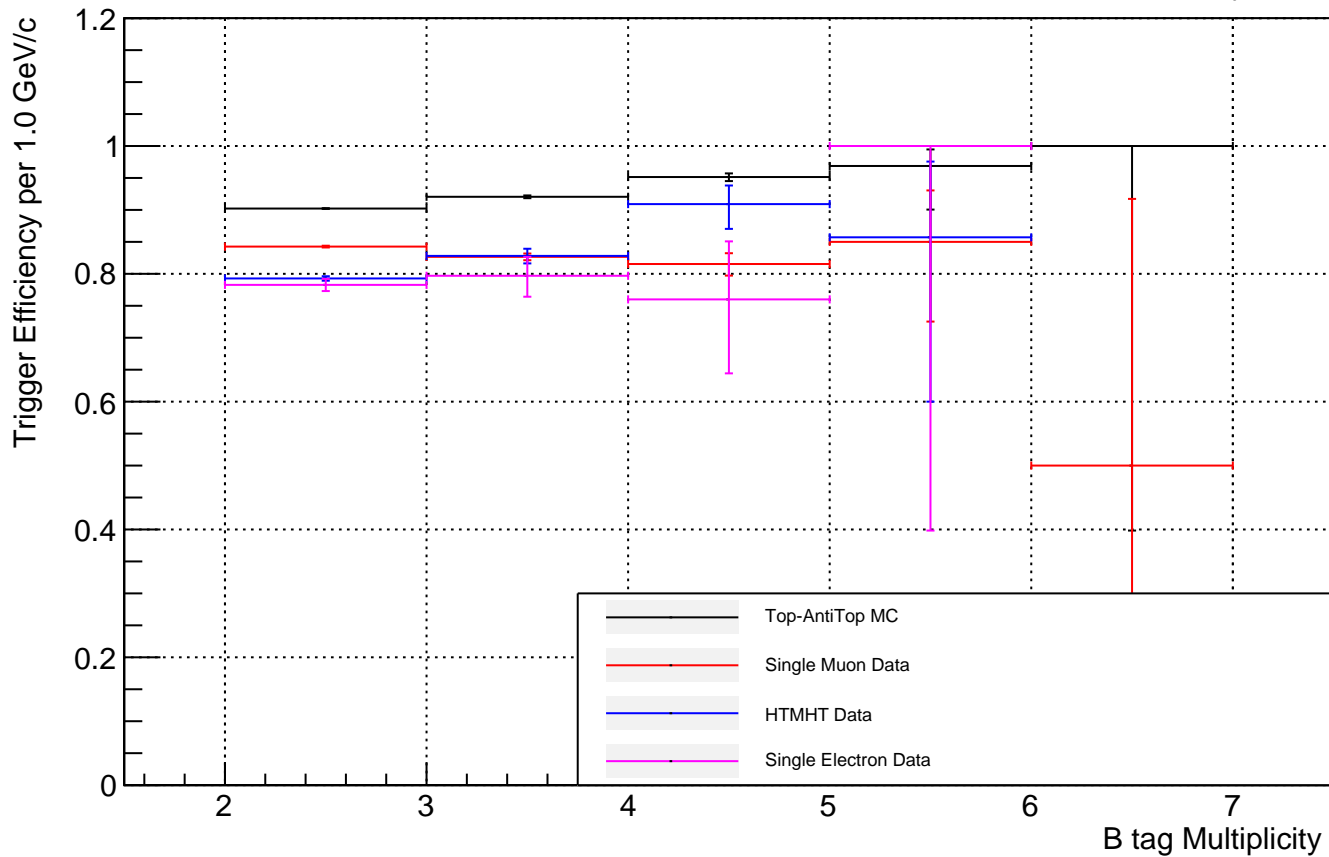


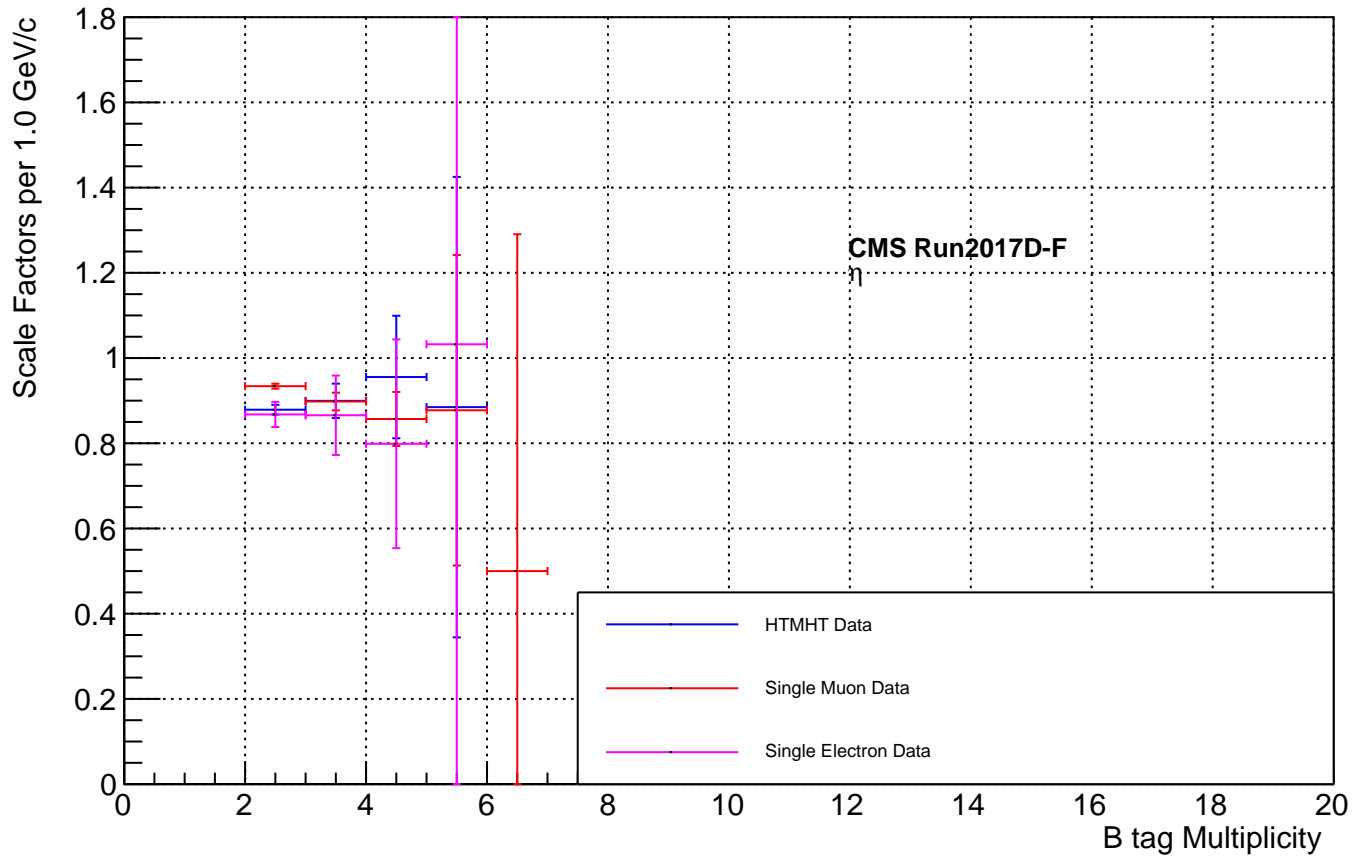




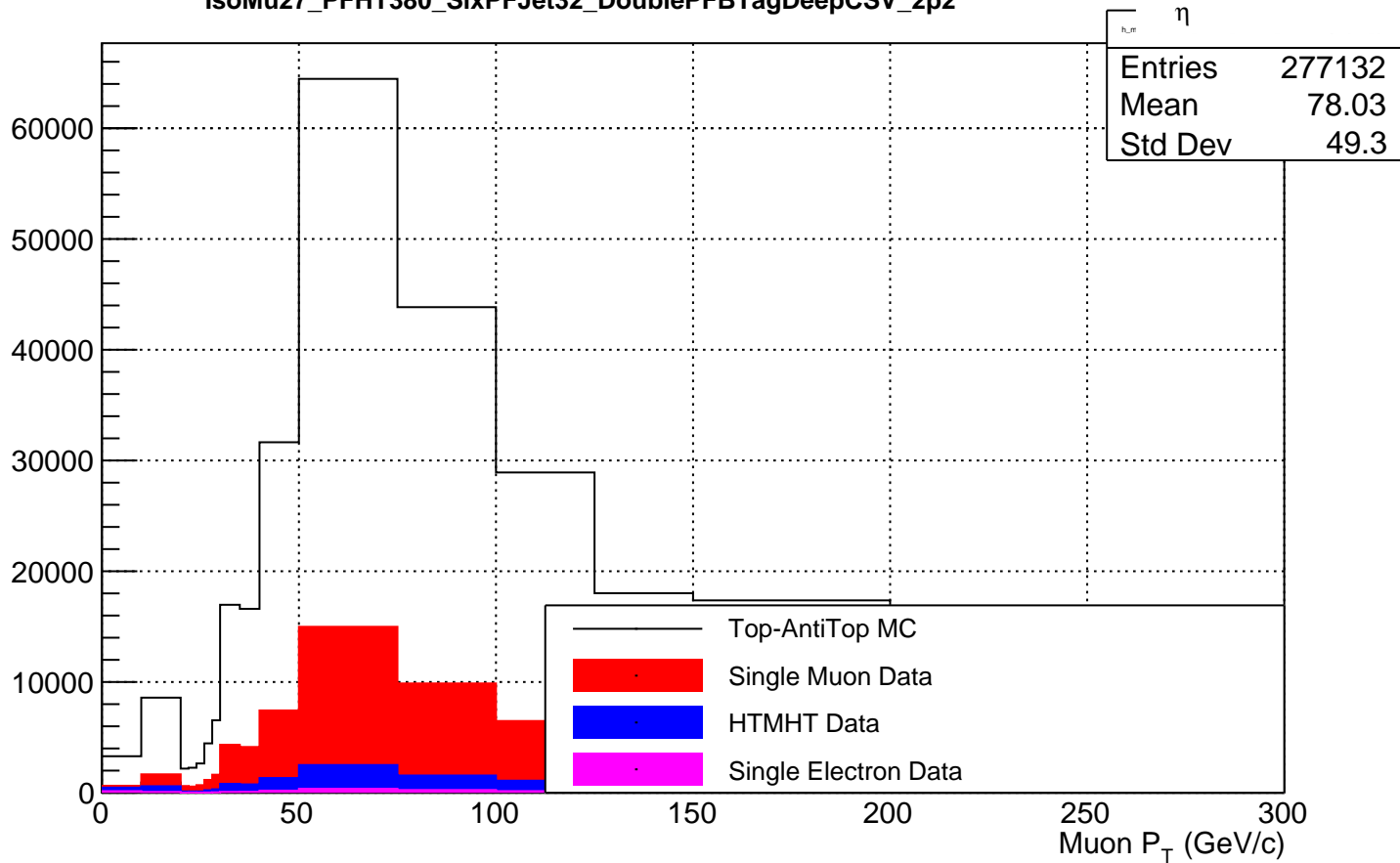
Number of Events / Number of Jets

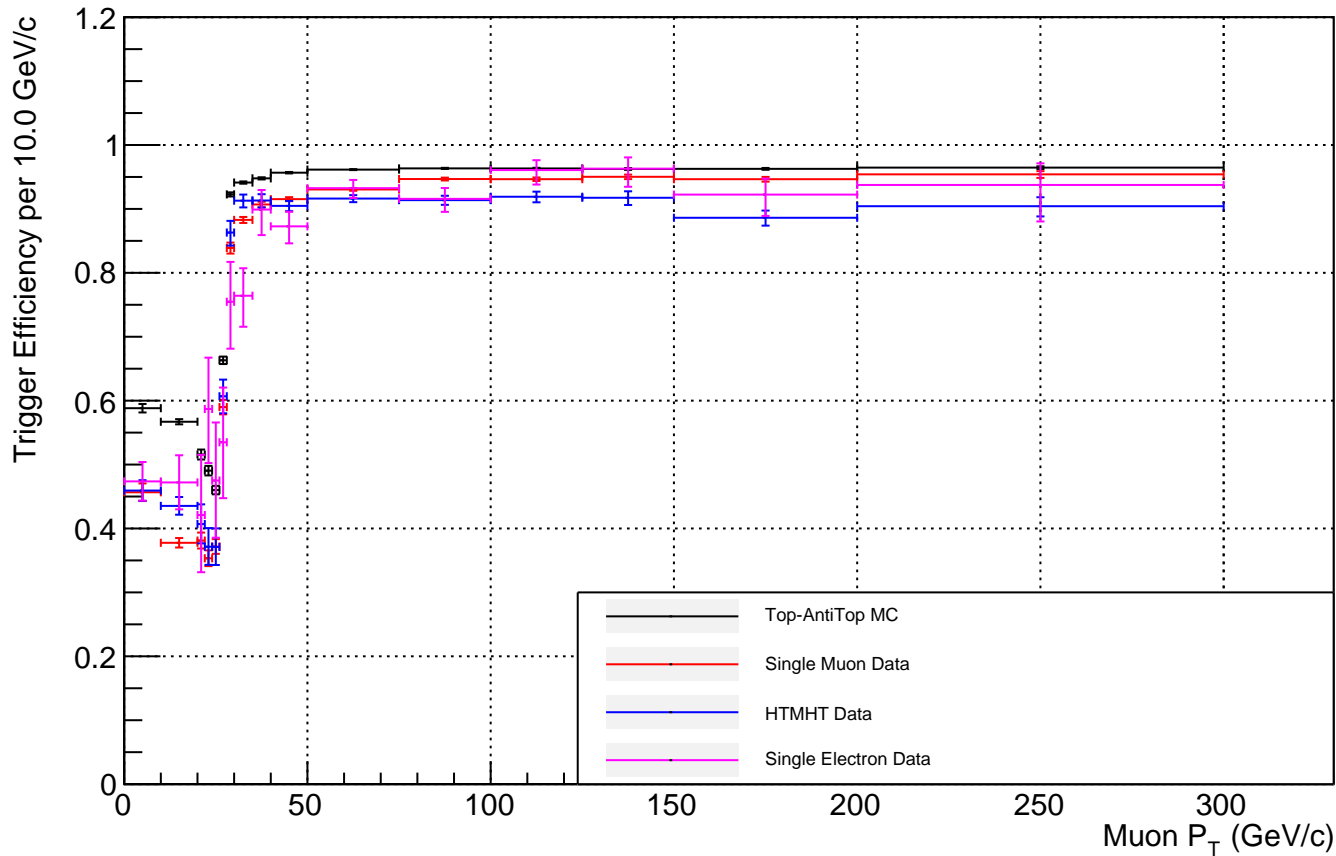


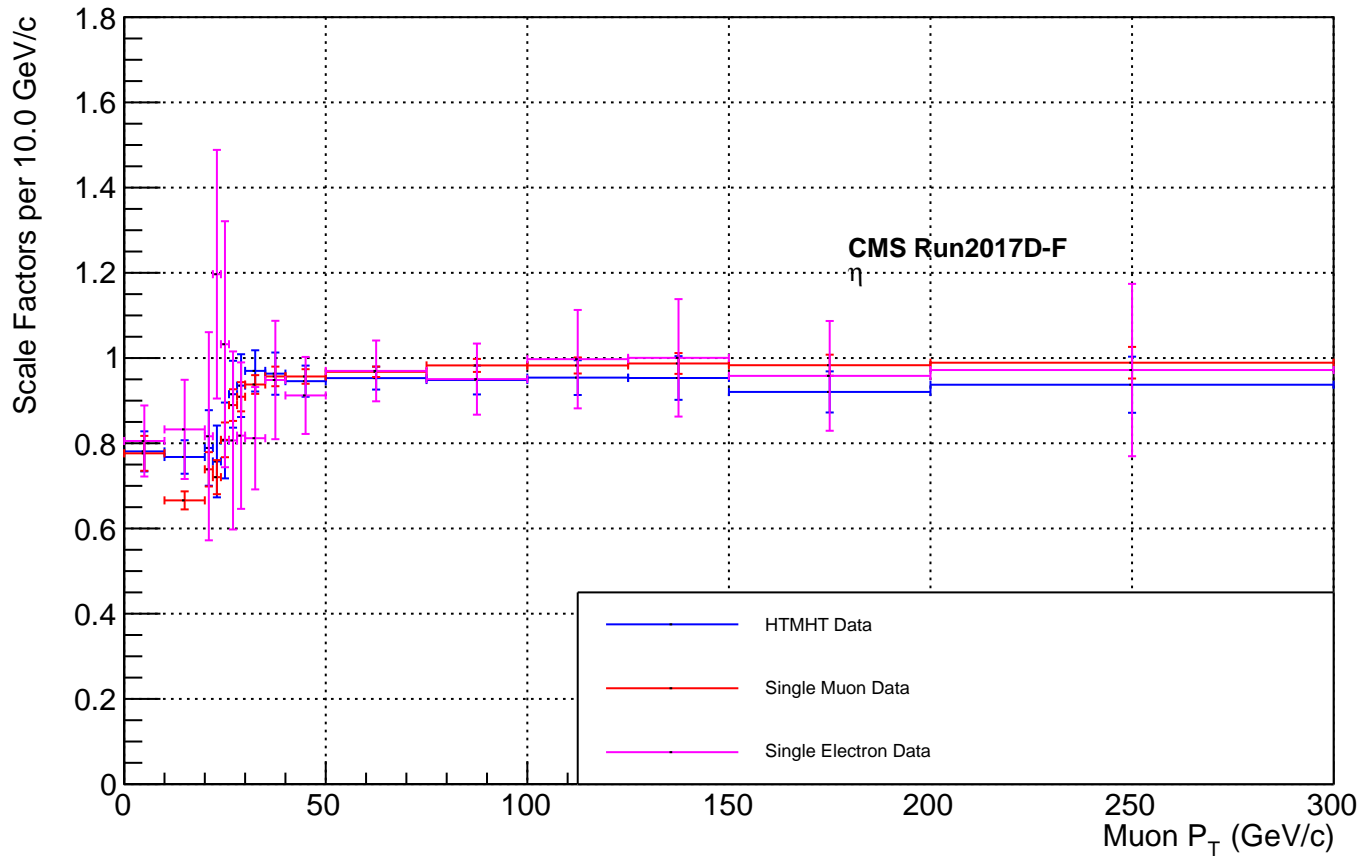




Number of Events per 1 GeV/c







Number of Events per Number of Jets

