

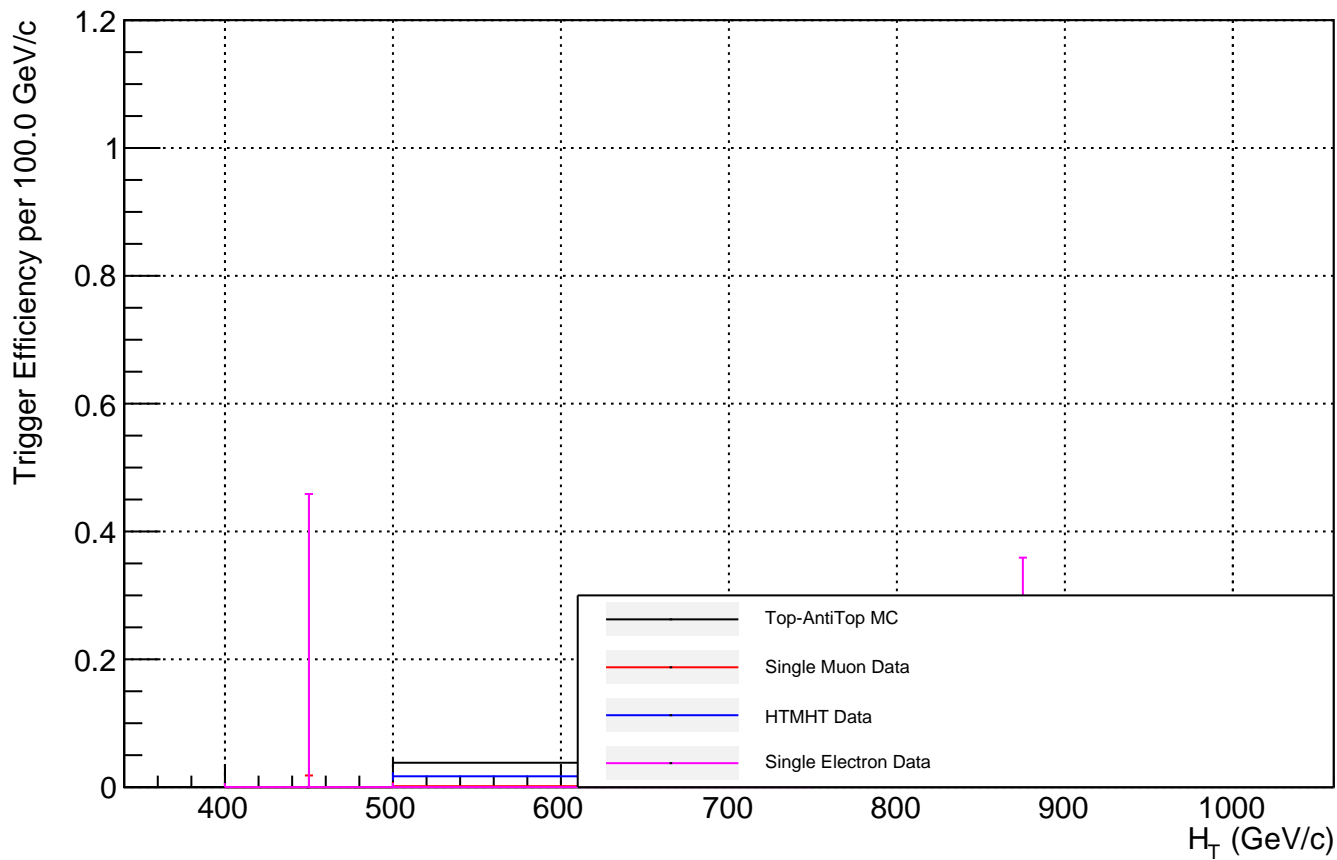
On-line (pre-)selection Requisites for:

- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

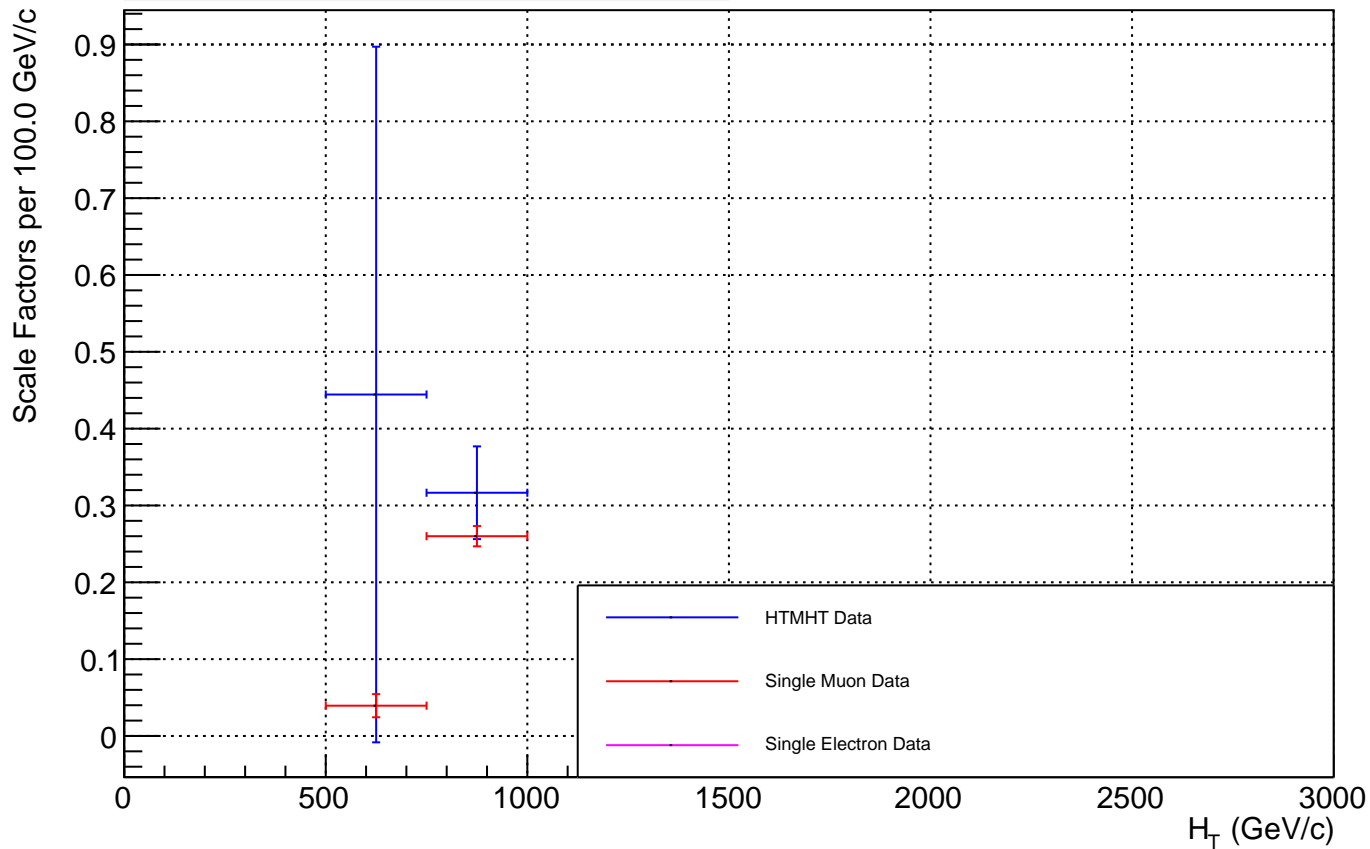
Event Limit: None (see last page)

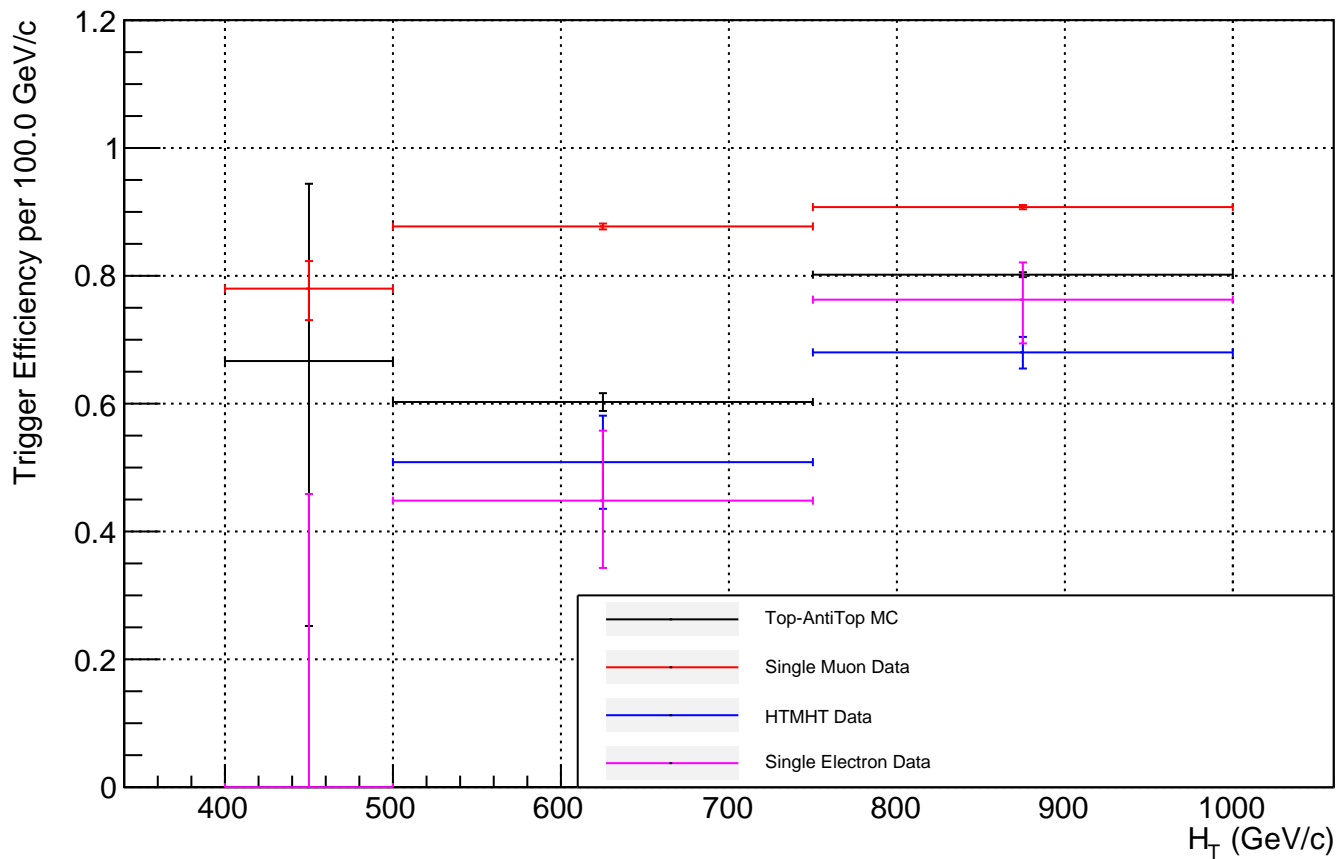
Off-line (post-)selection Requisites for:

- **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 $\text{miniPFRelIso_all} < 0.15$ (for at least 1)

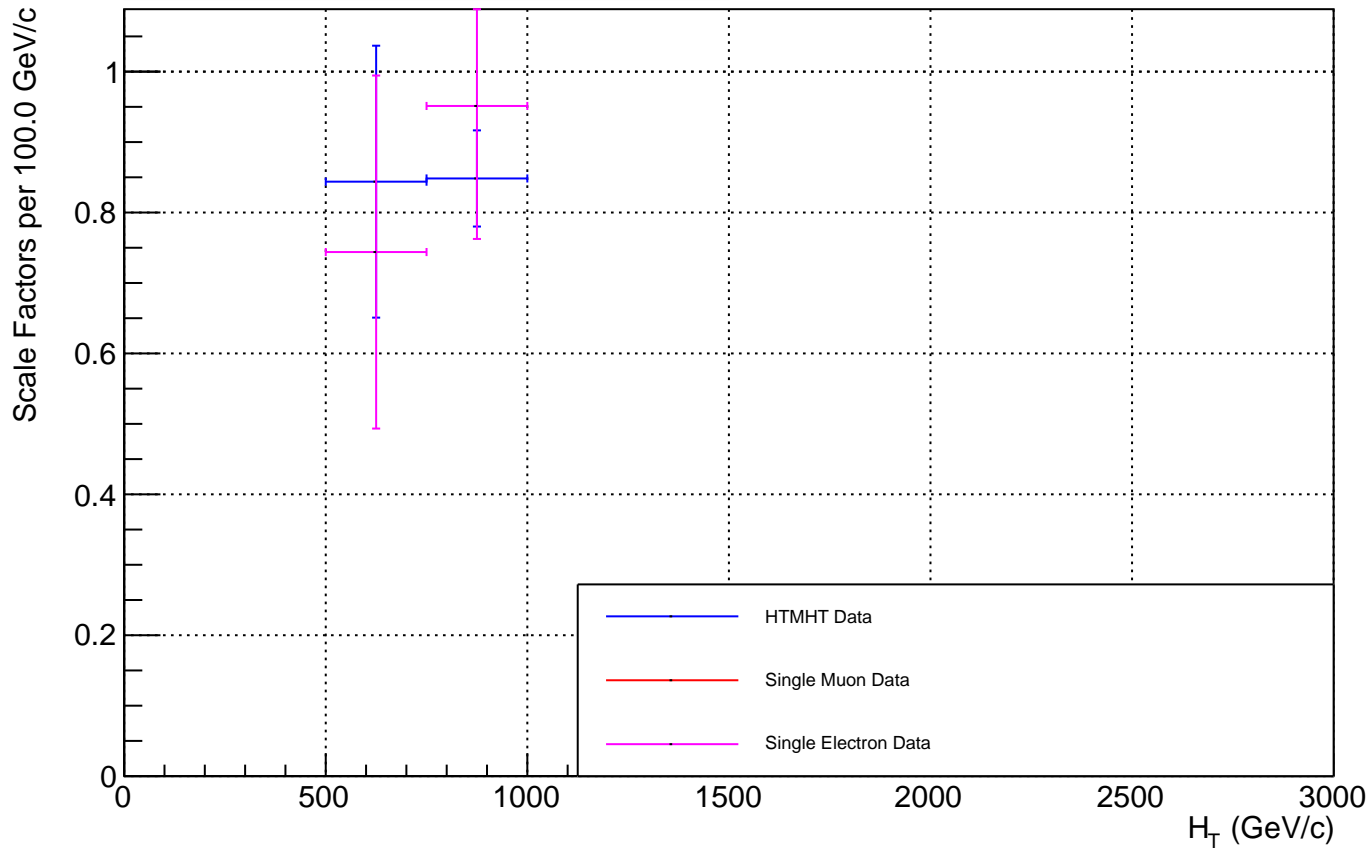


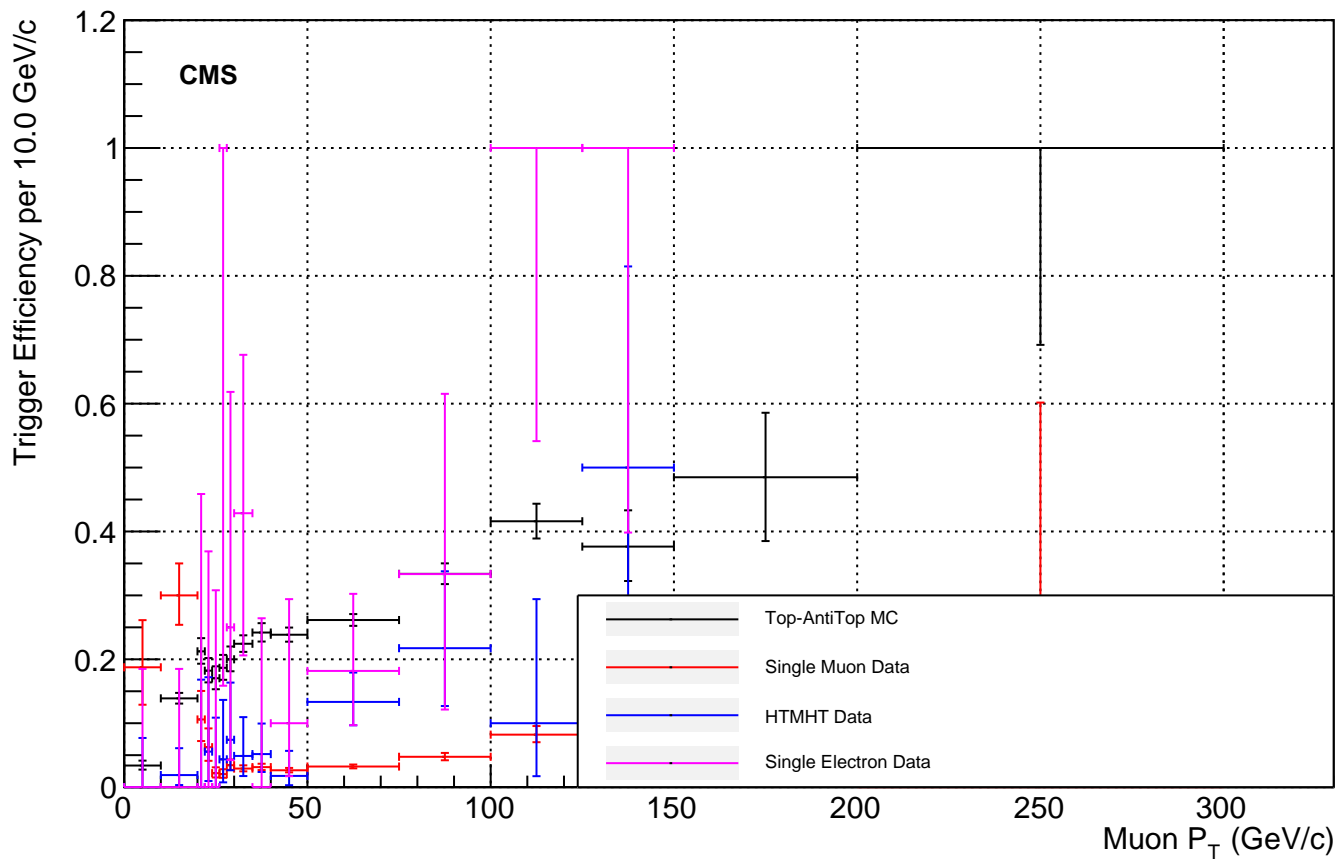
Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5





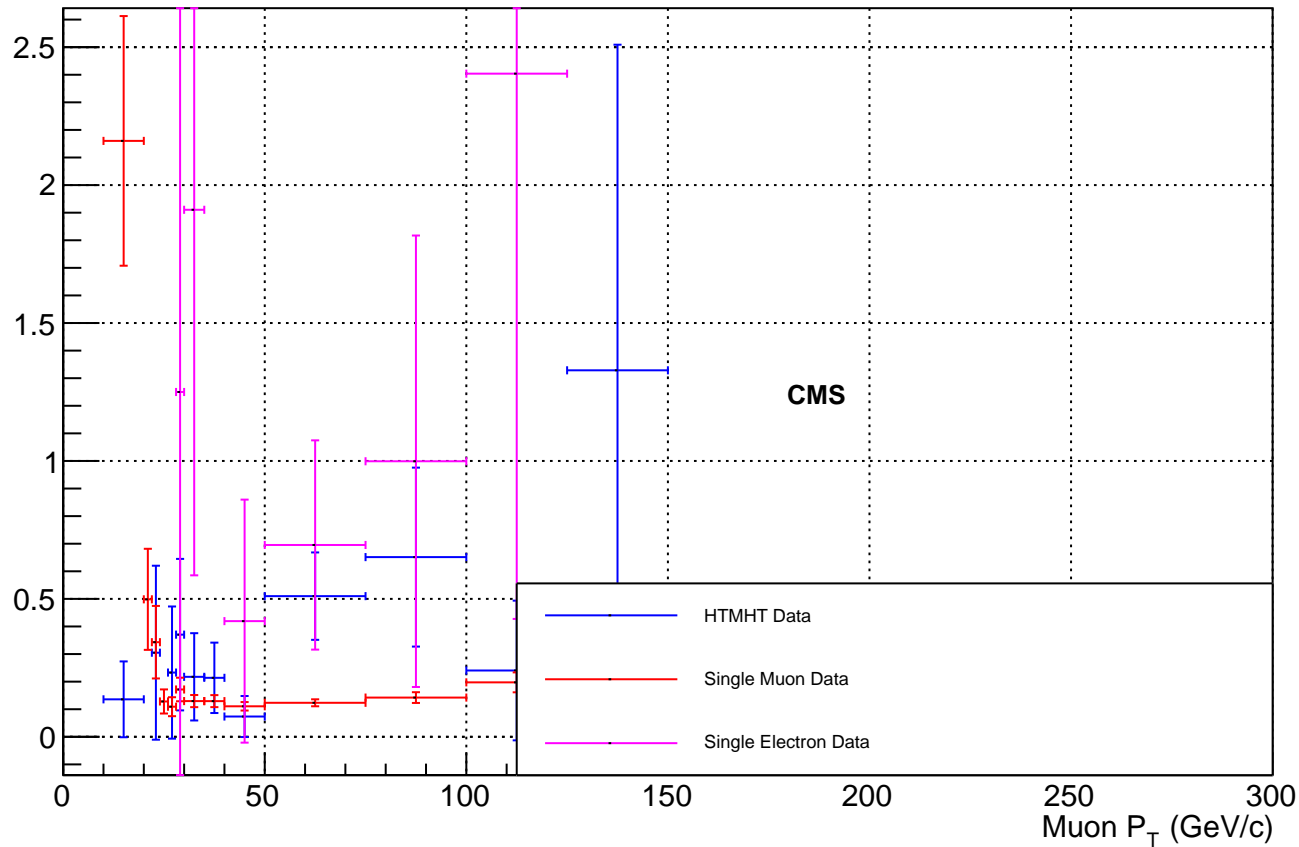
IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



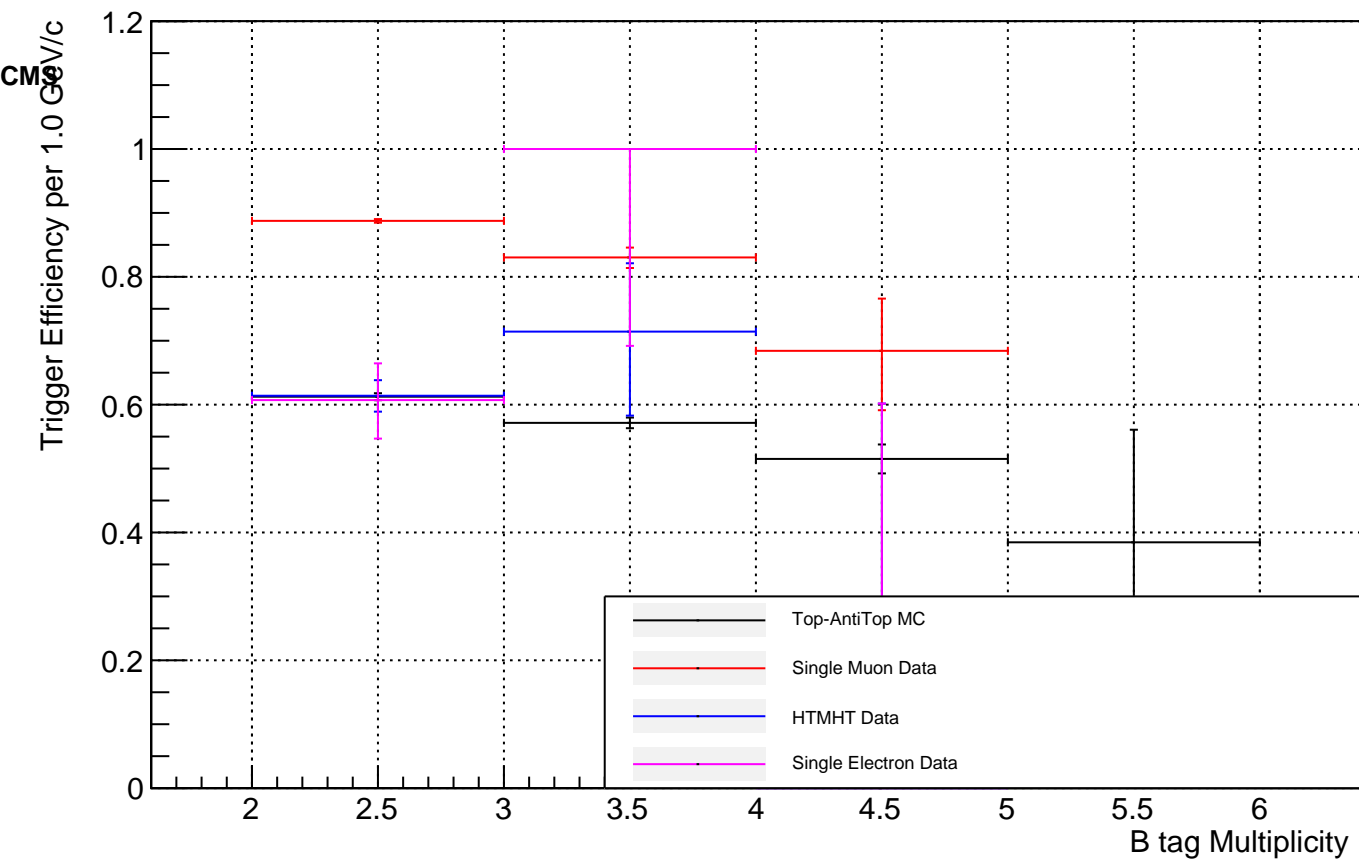


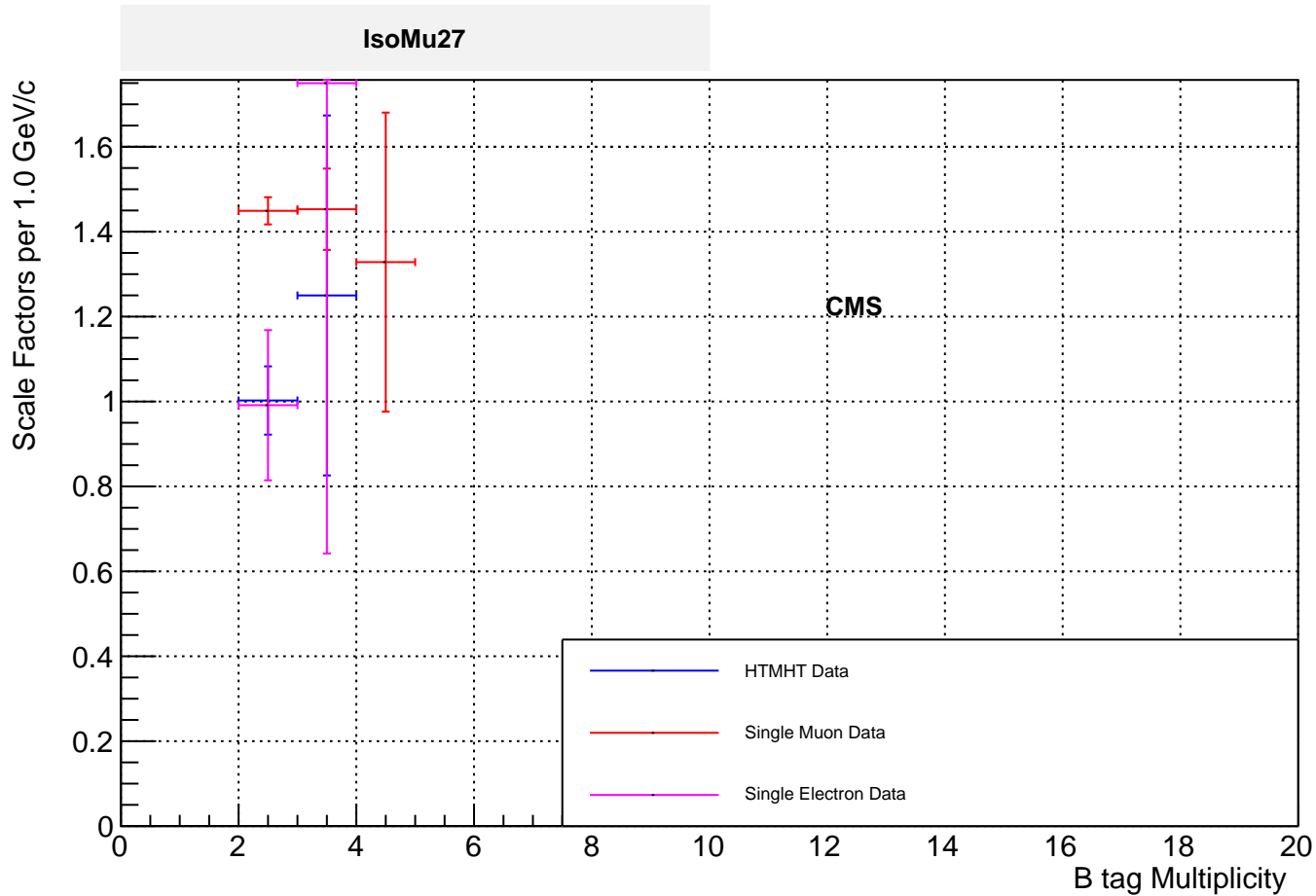
Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

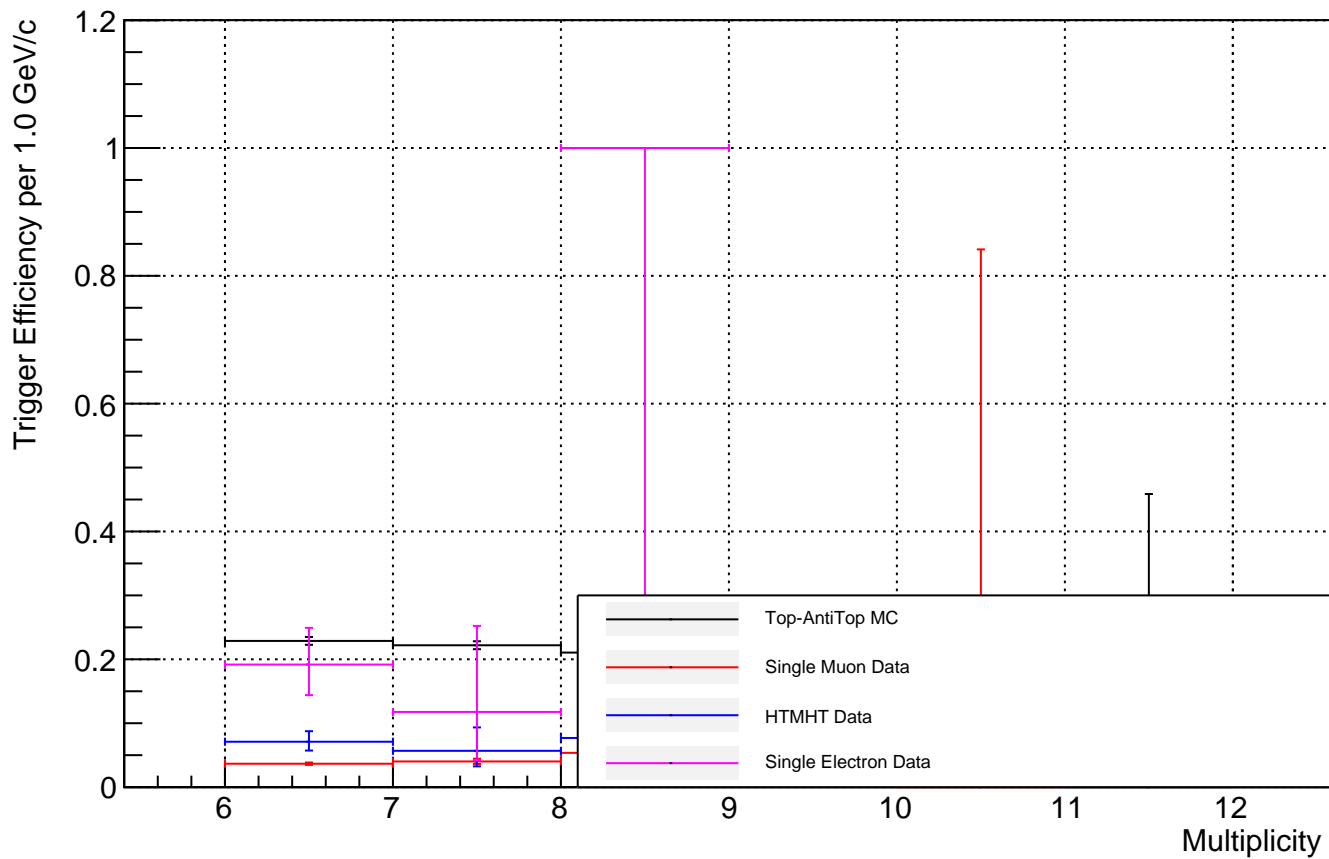
Scale Factors per 10.0 GeV/c



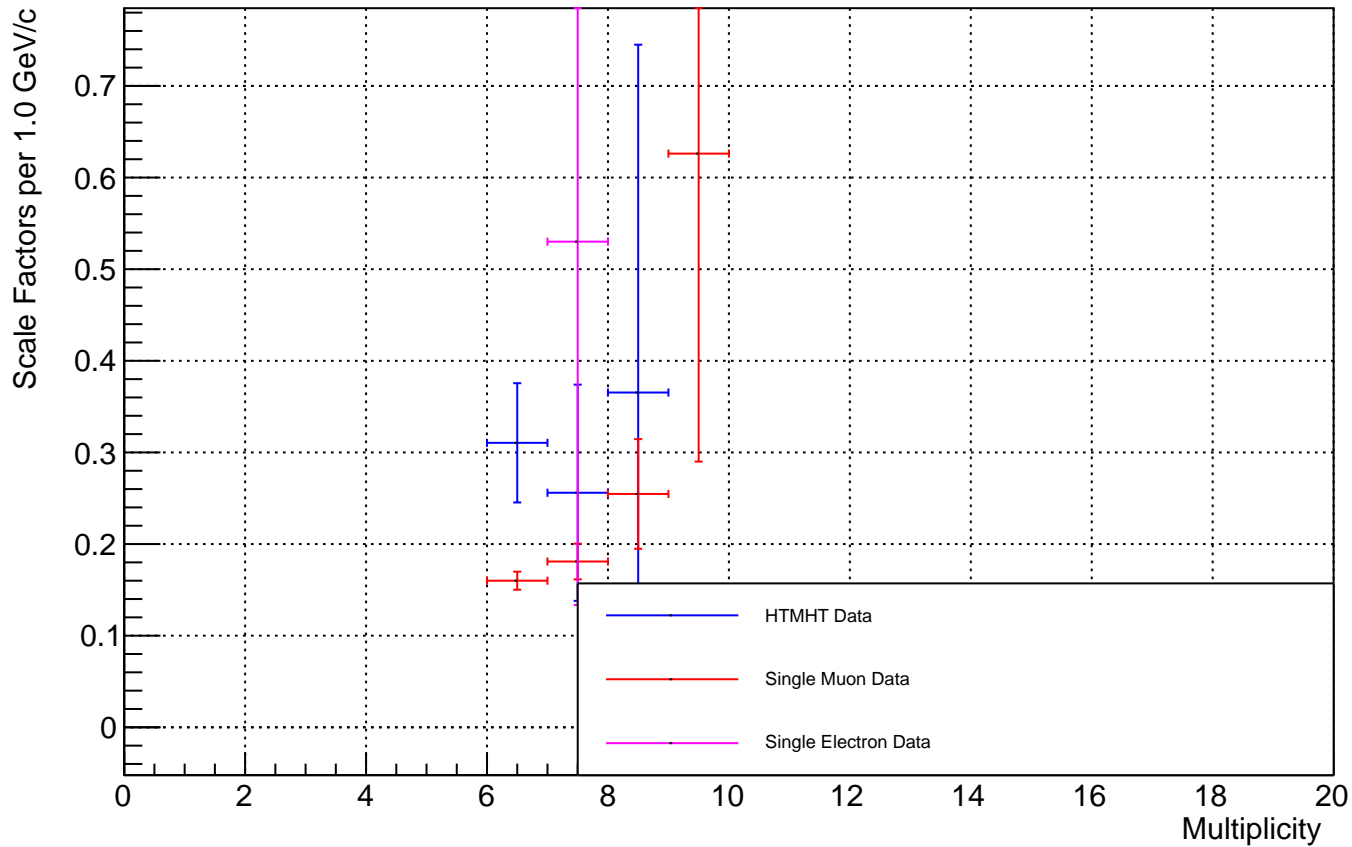
IsoMu27

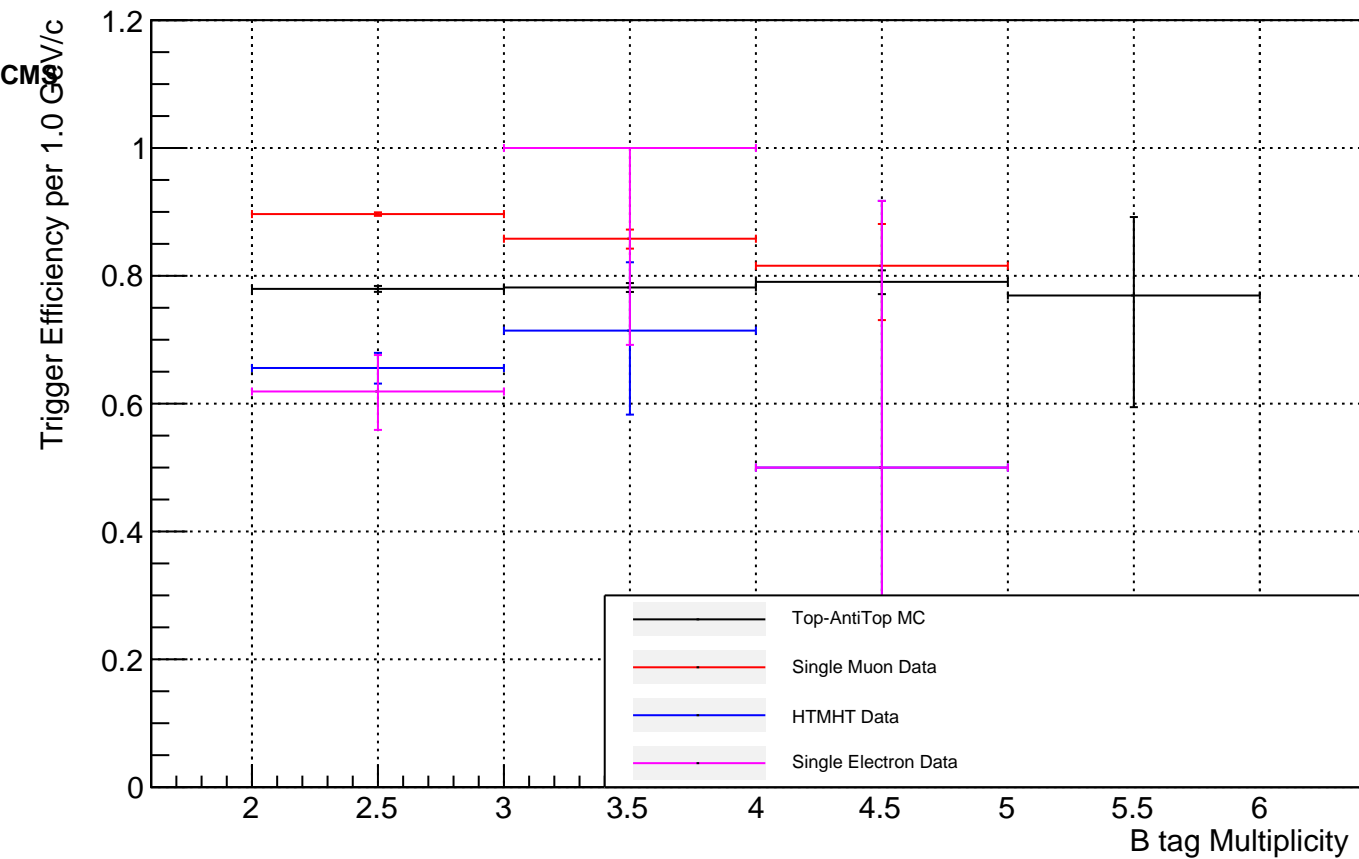






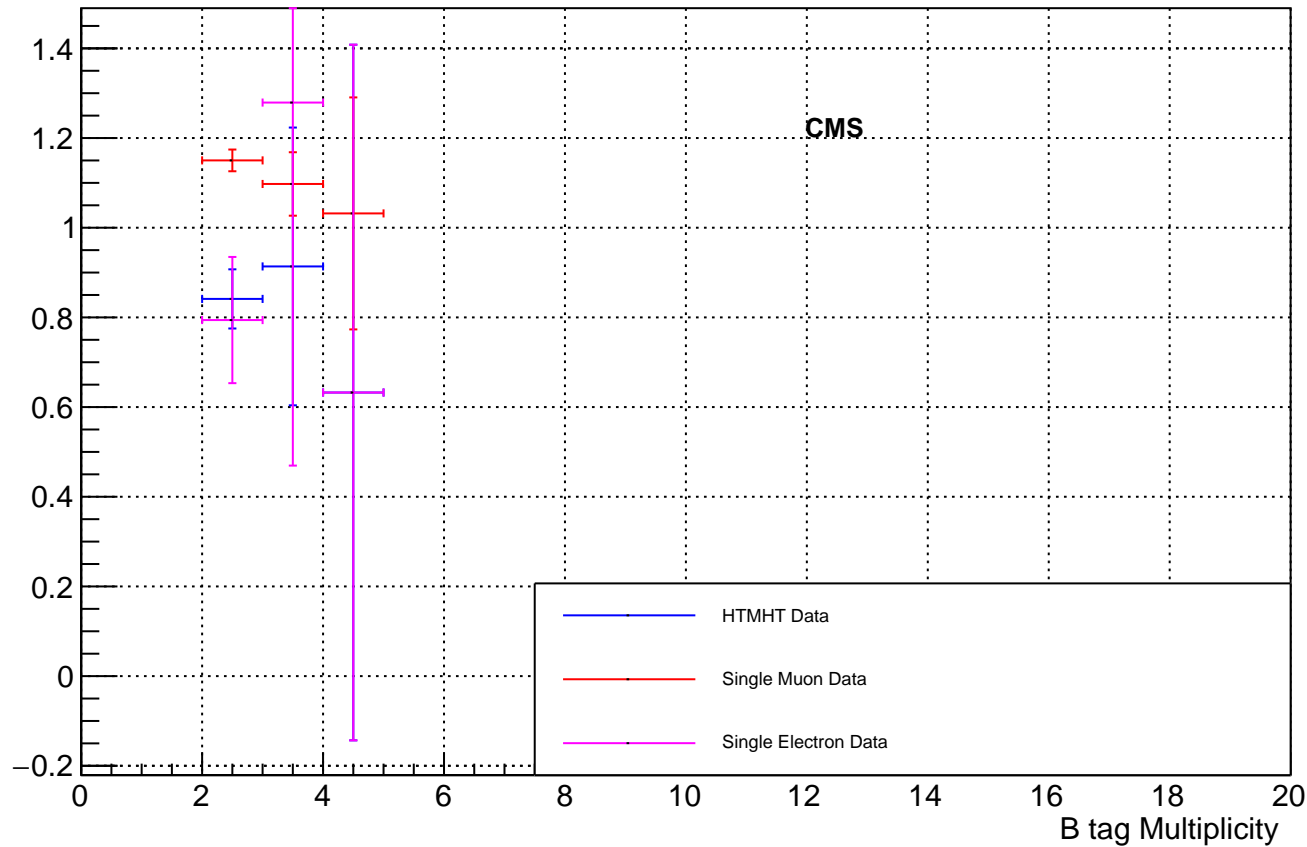
Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

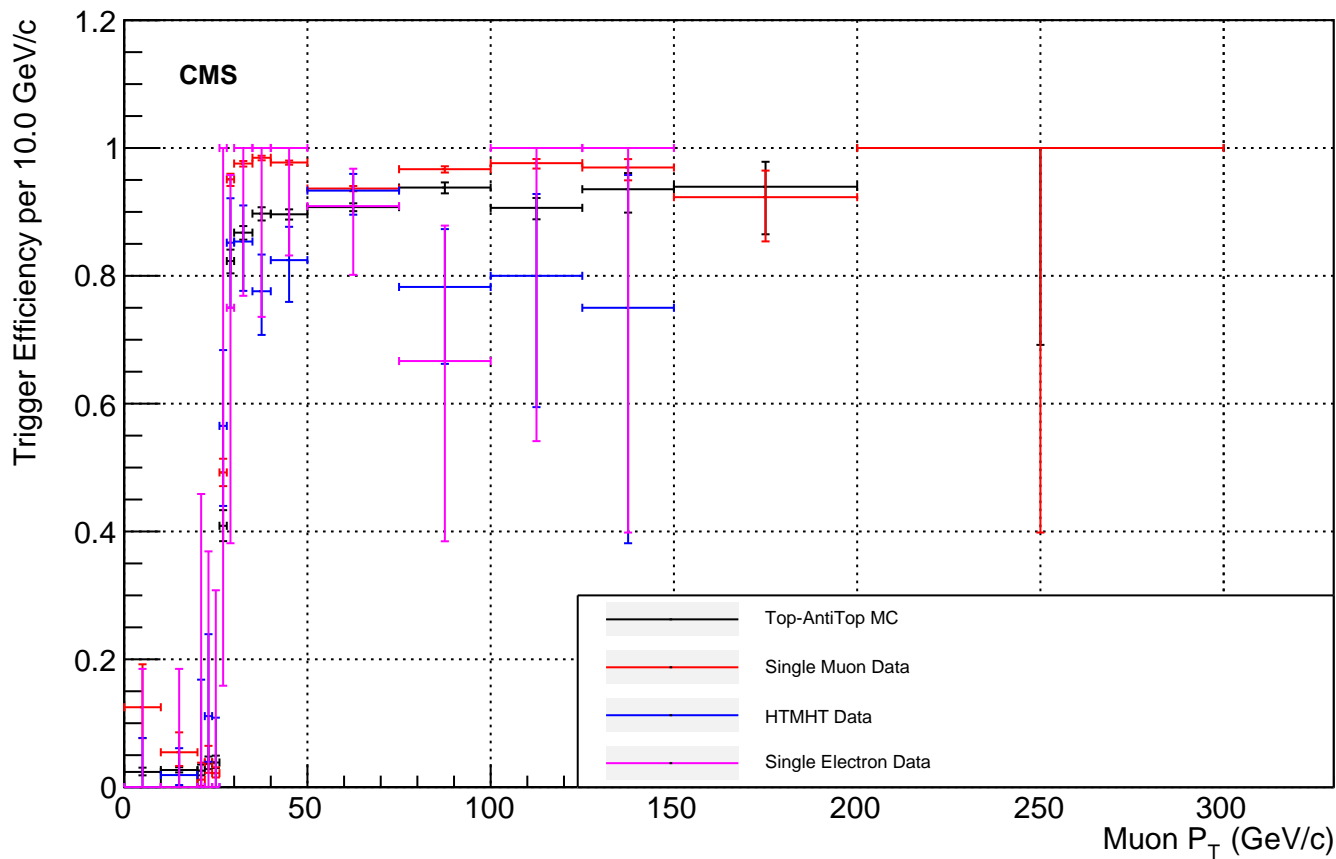




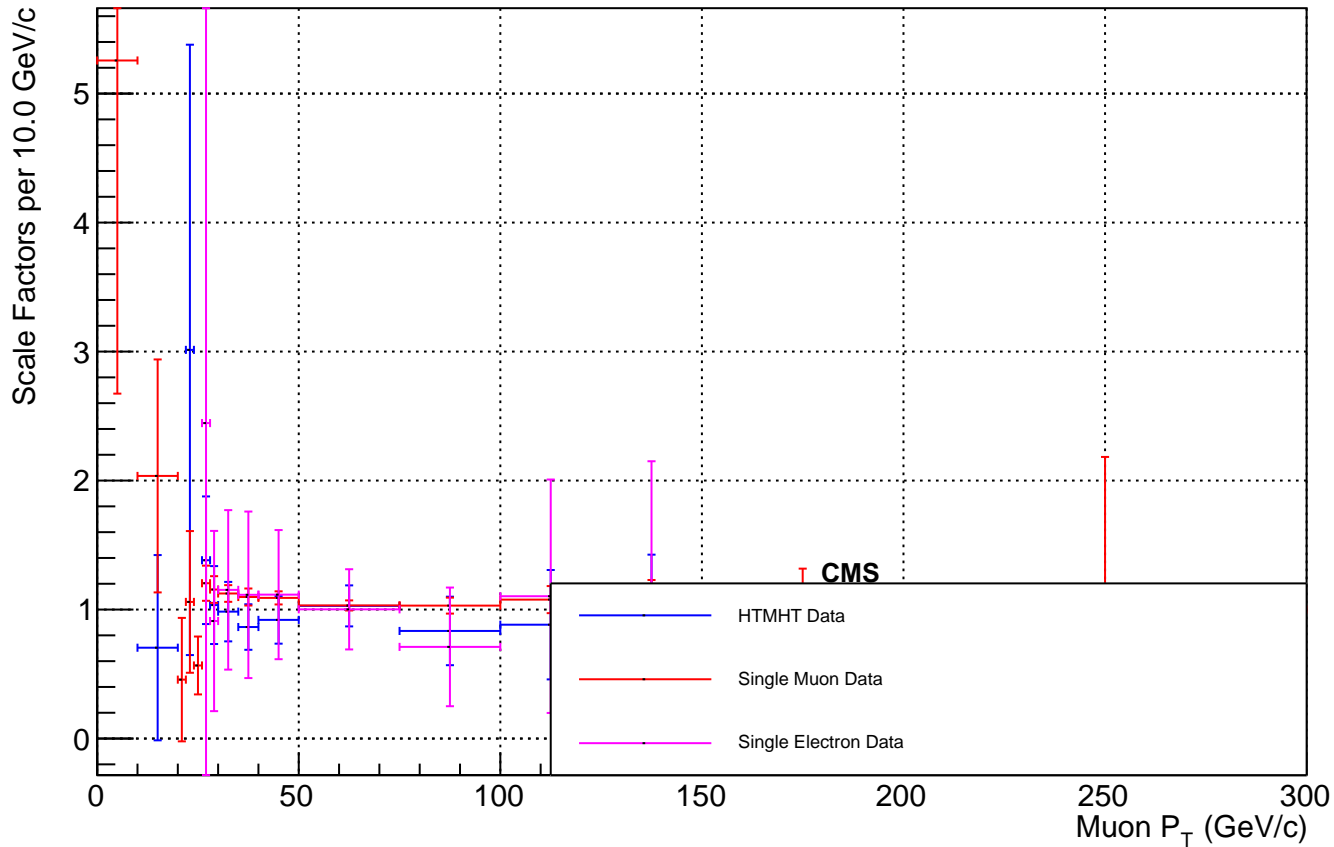
IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

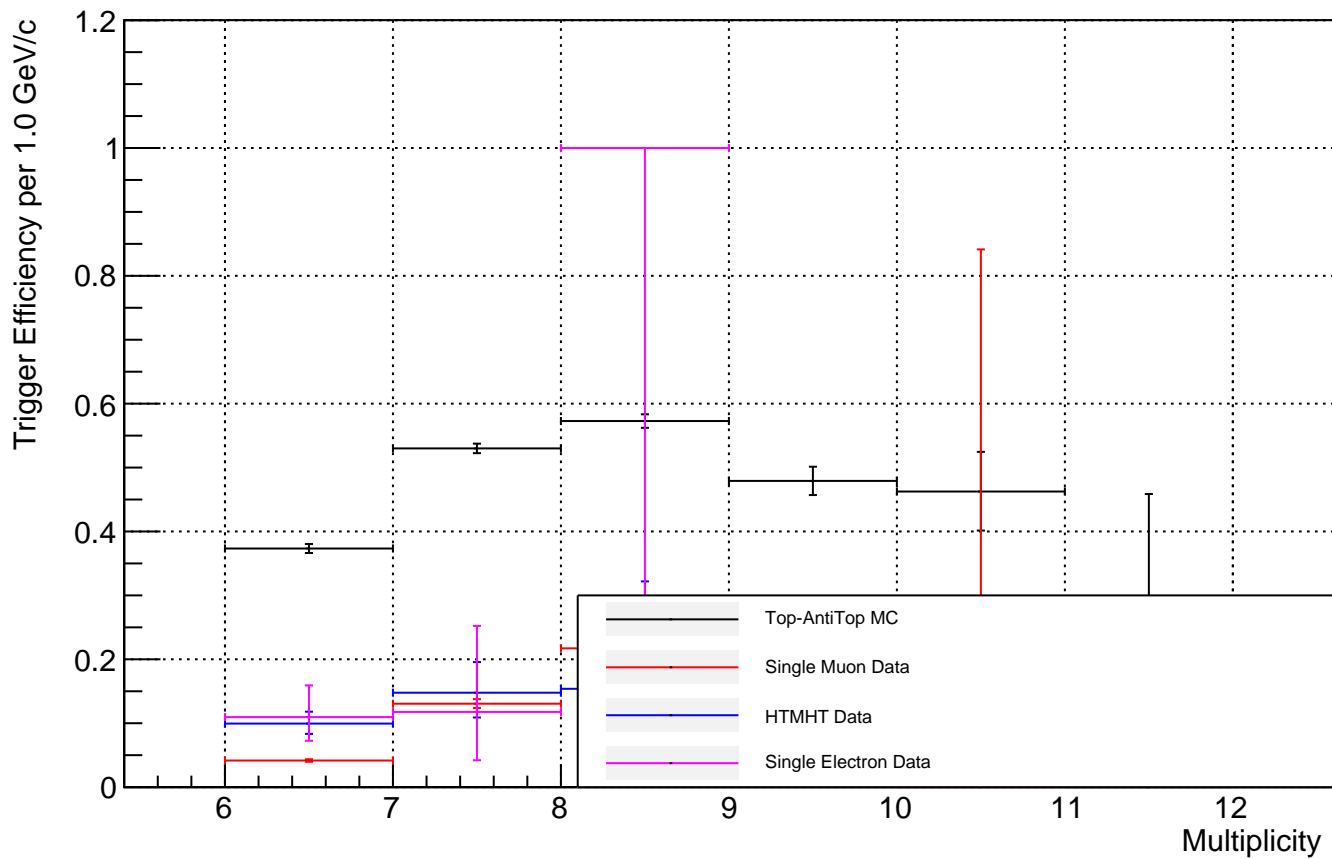
Scale Factors per 1.0 GeV/c





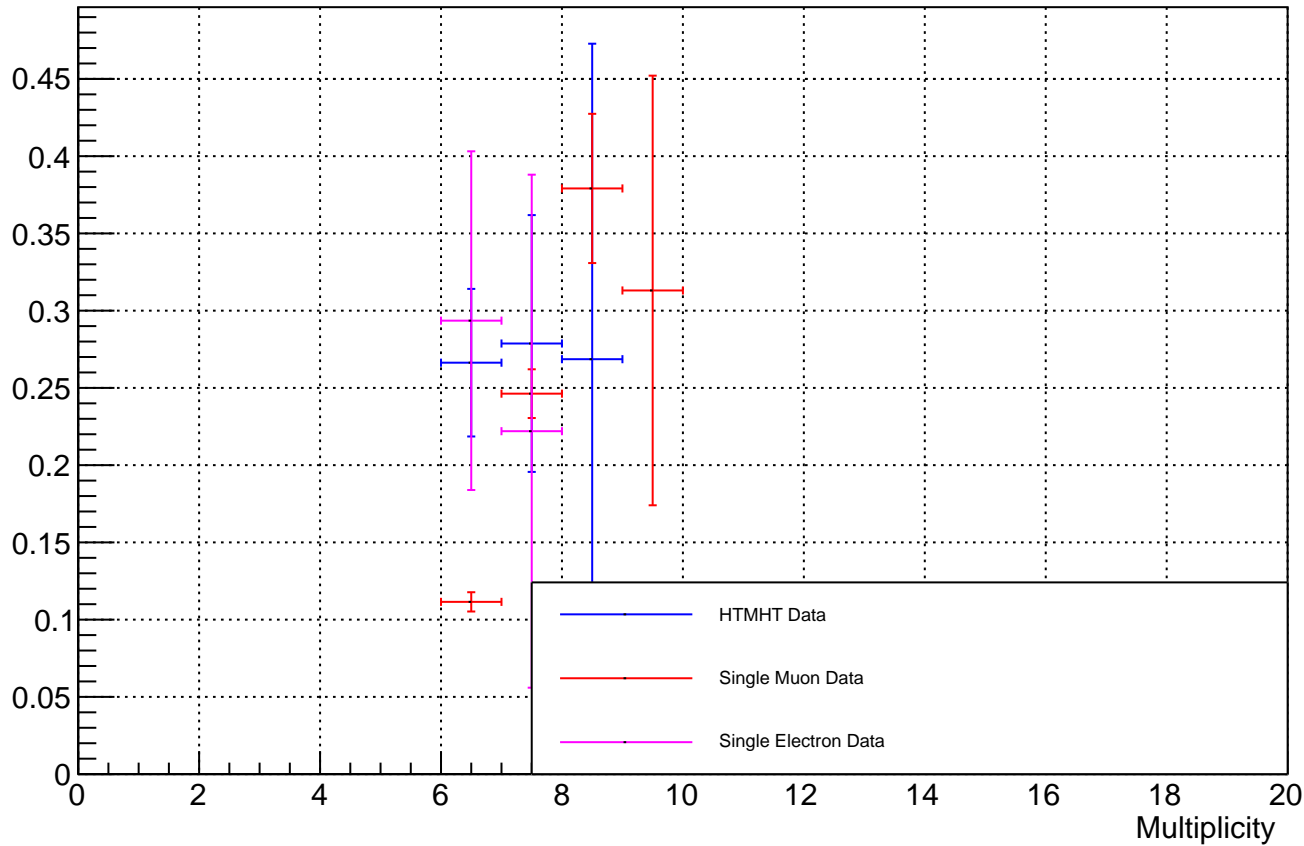
IsoMu27

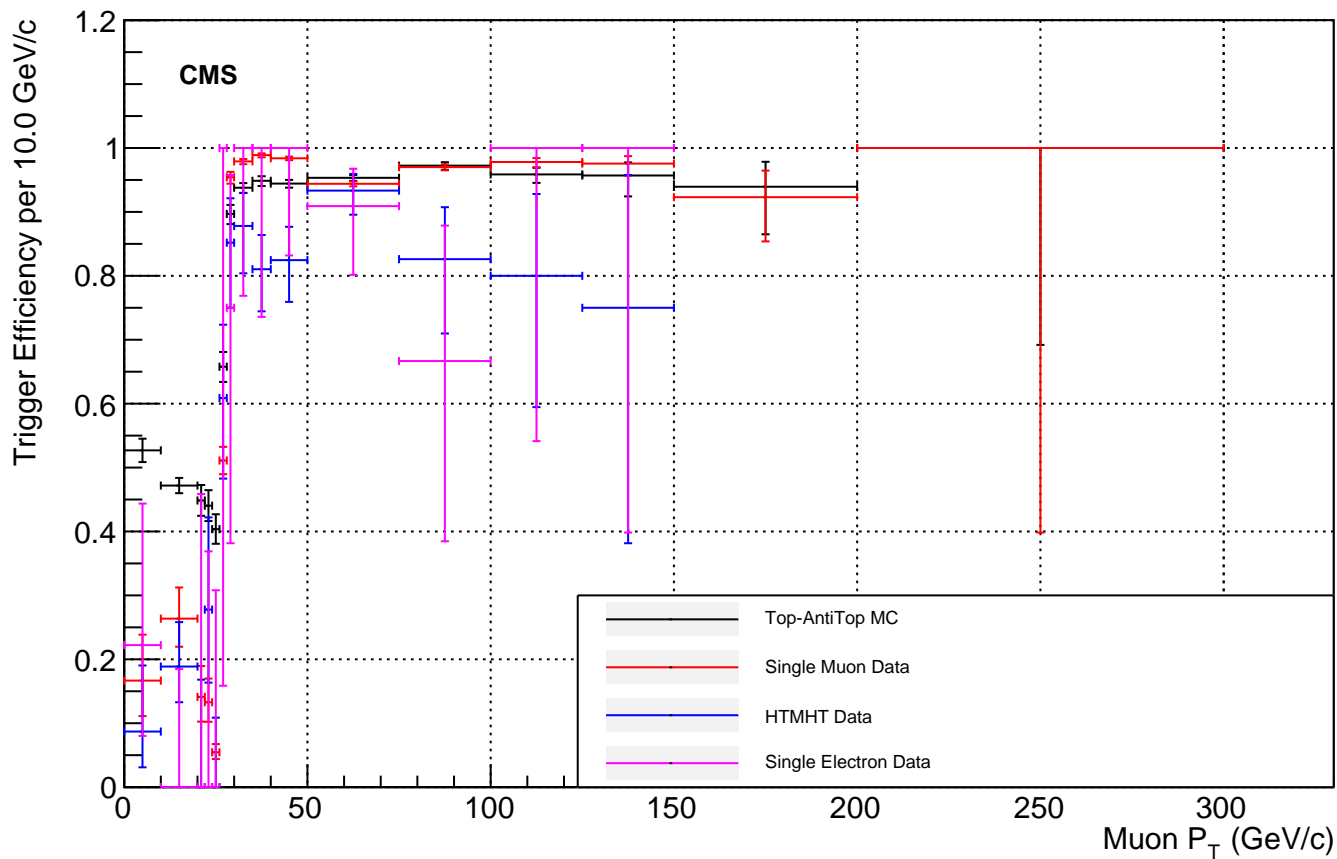




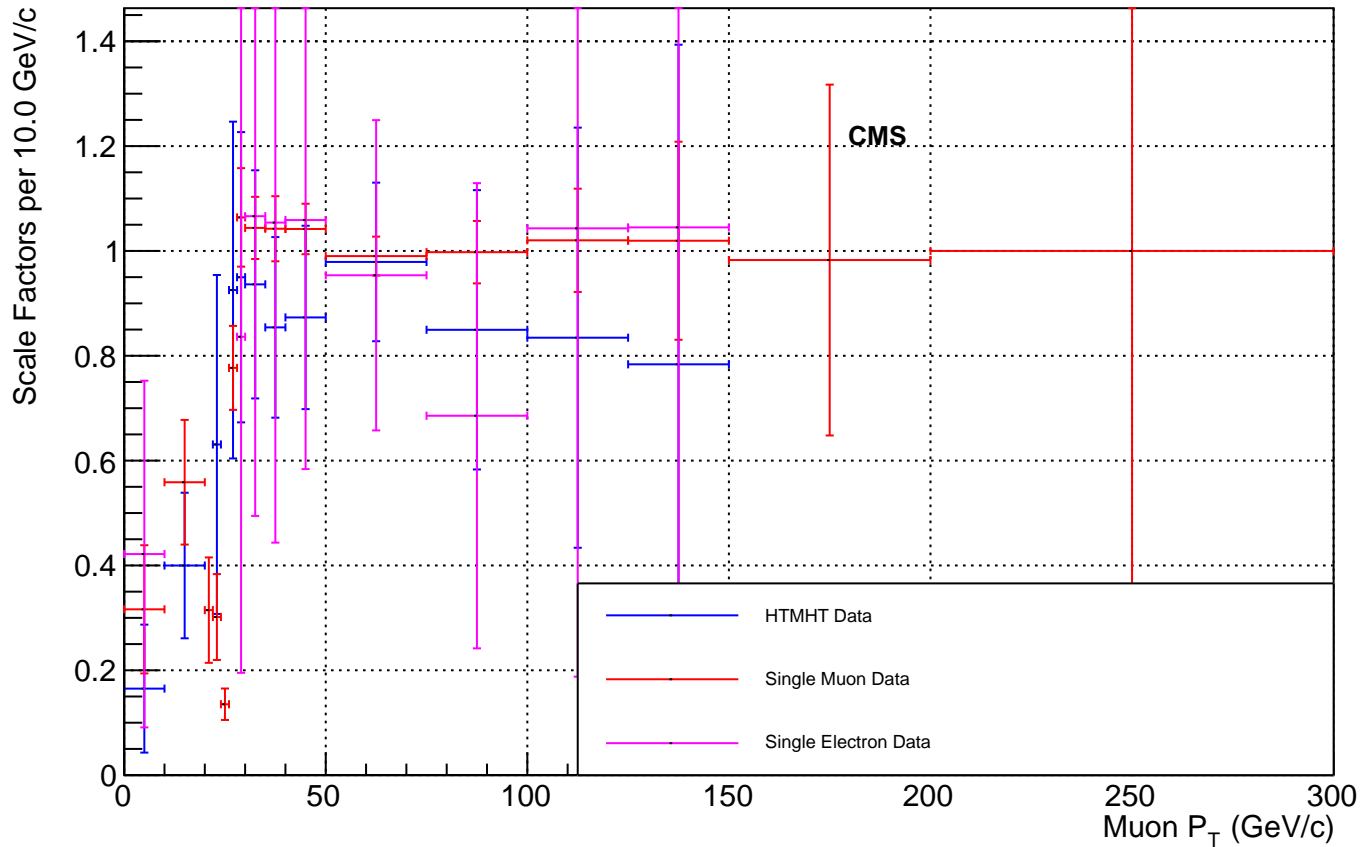
PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Scale Factors per 1.0 GeV/c

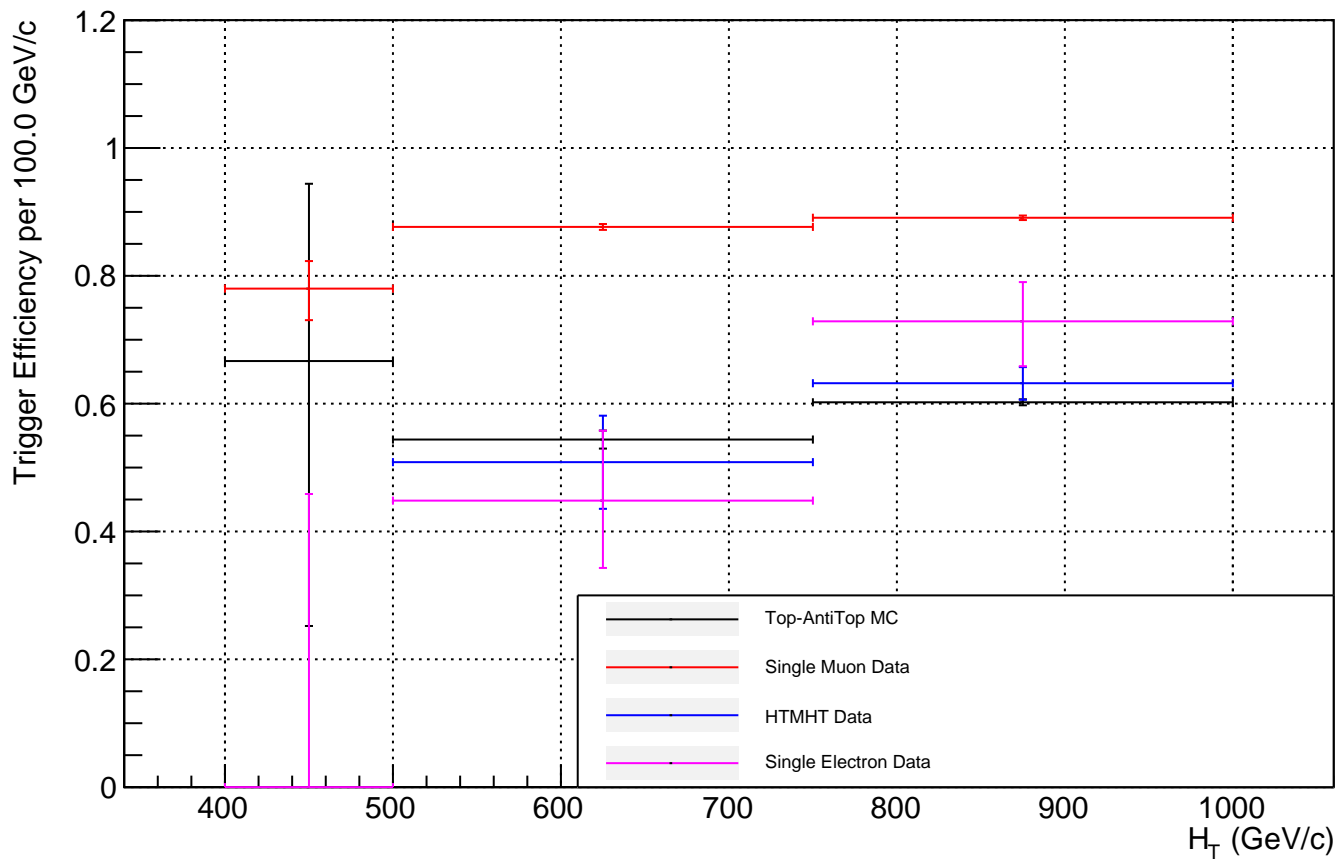


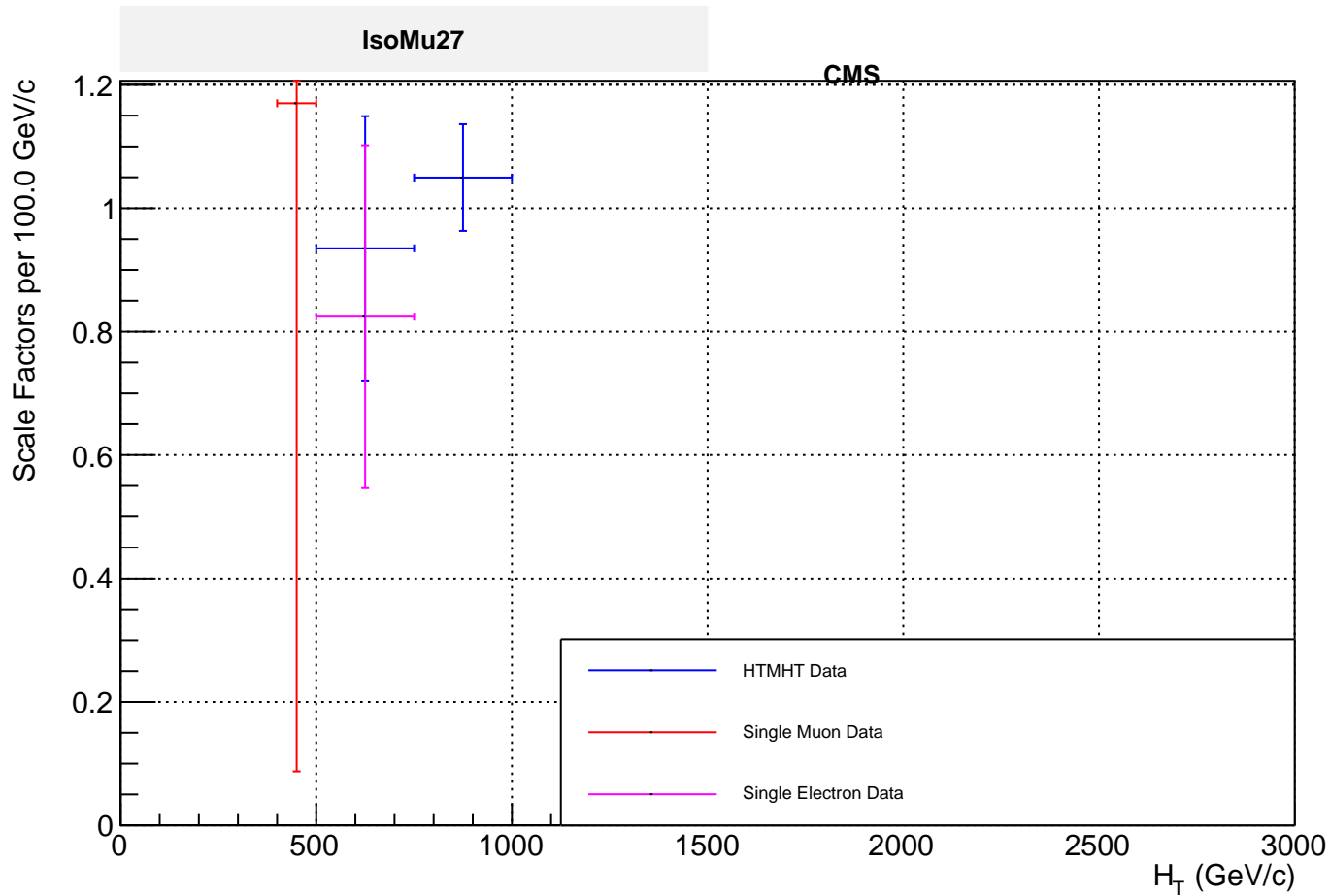


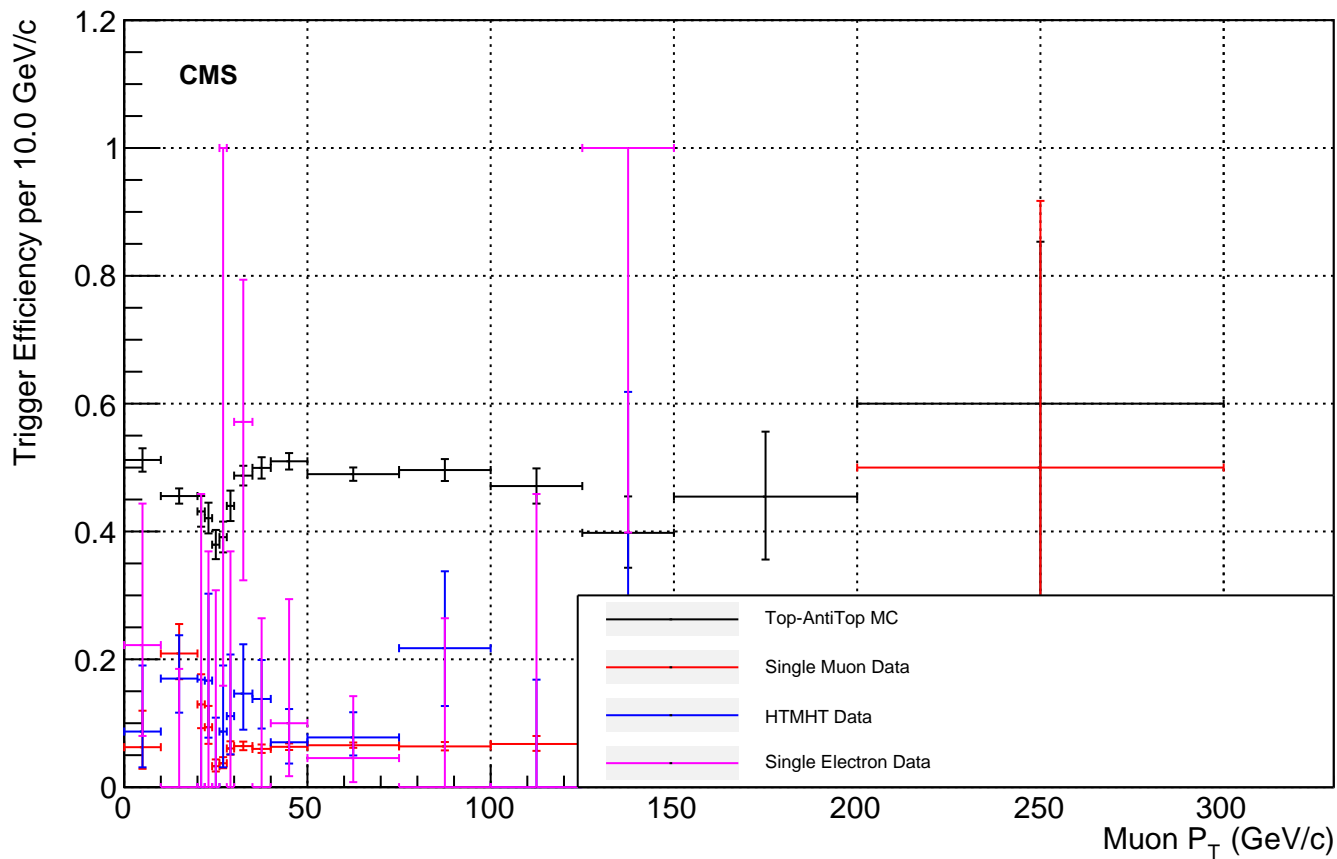
IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



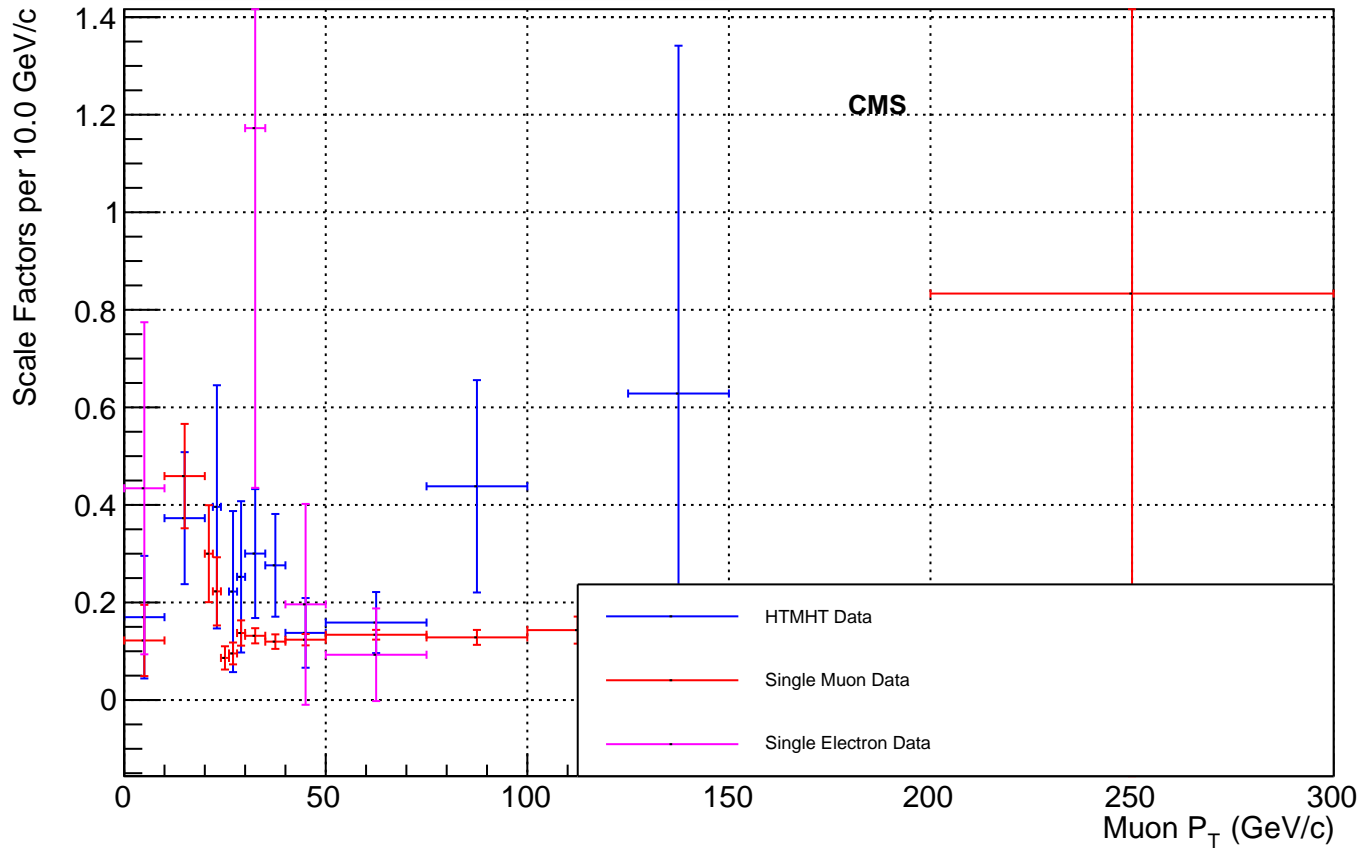
IsoMu27

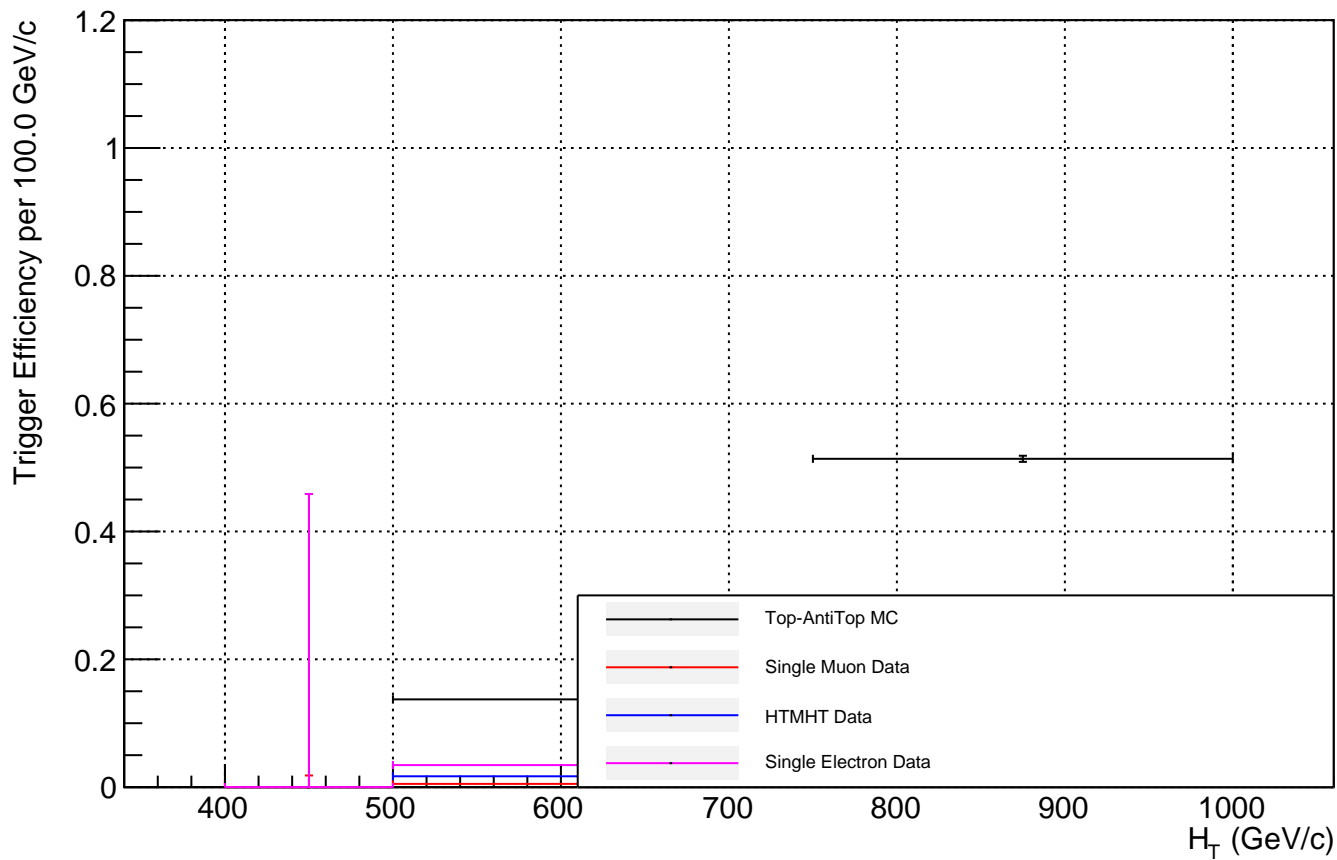




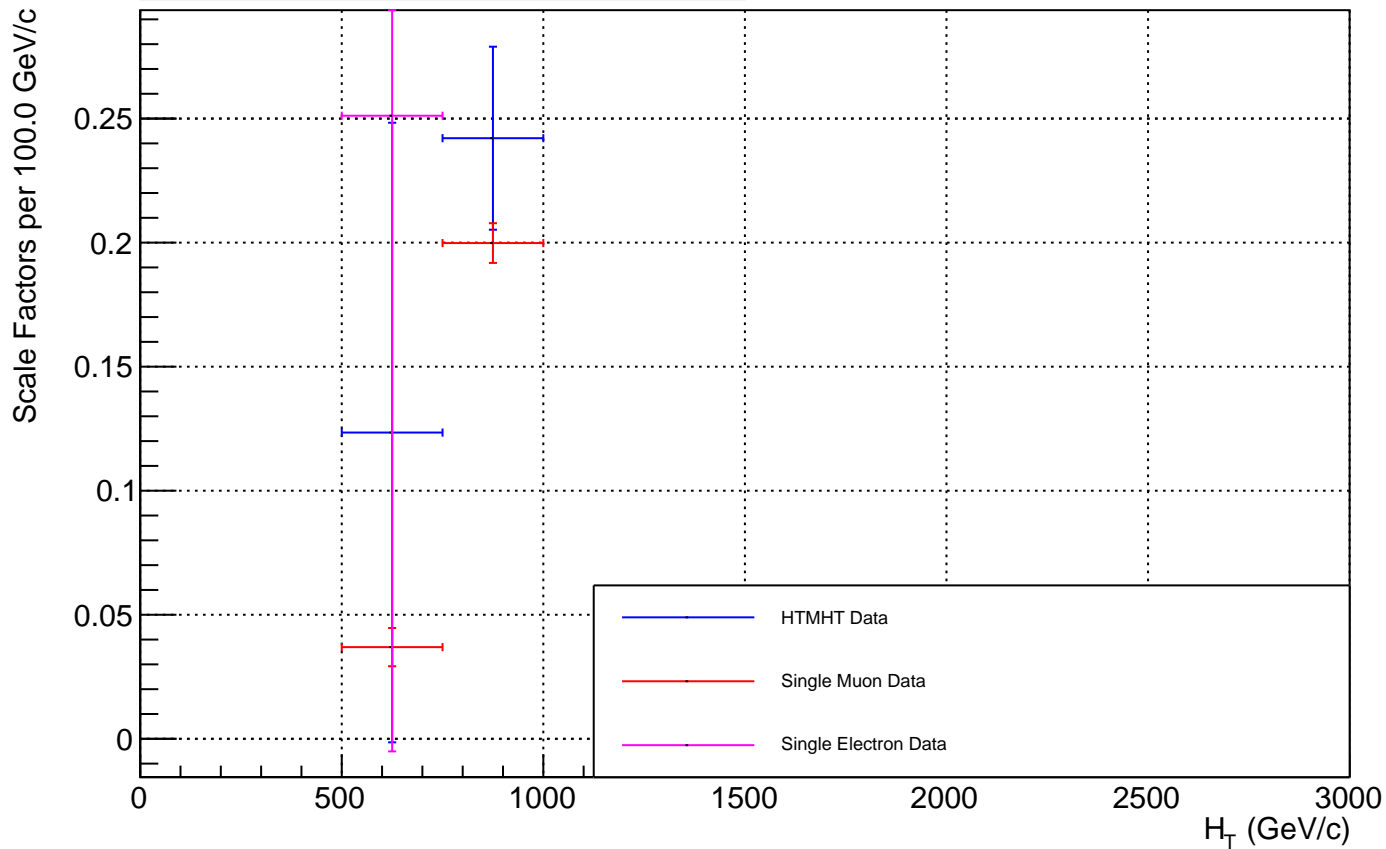


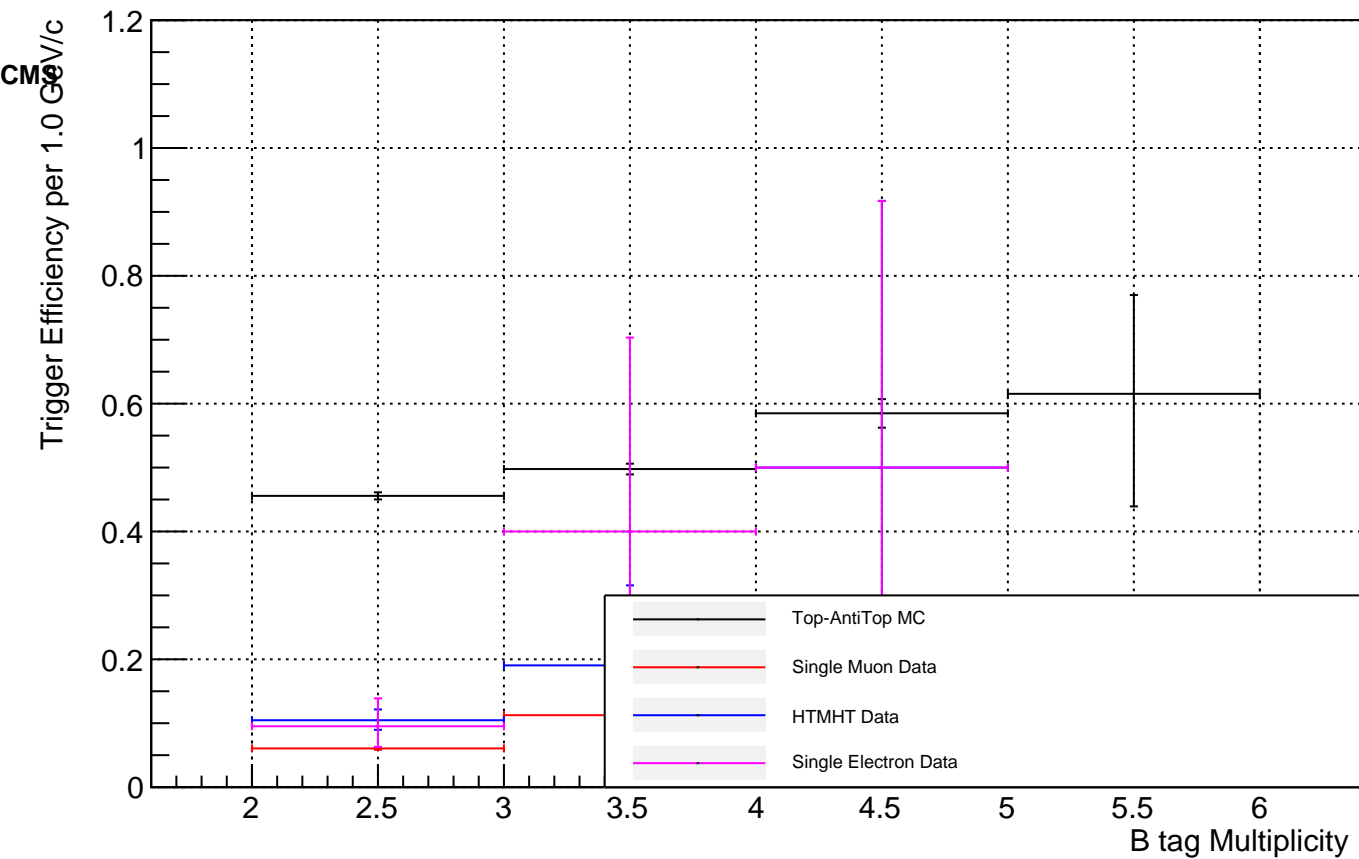
PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2





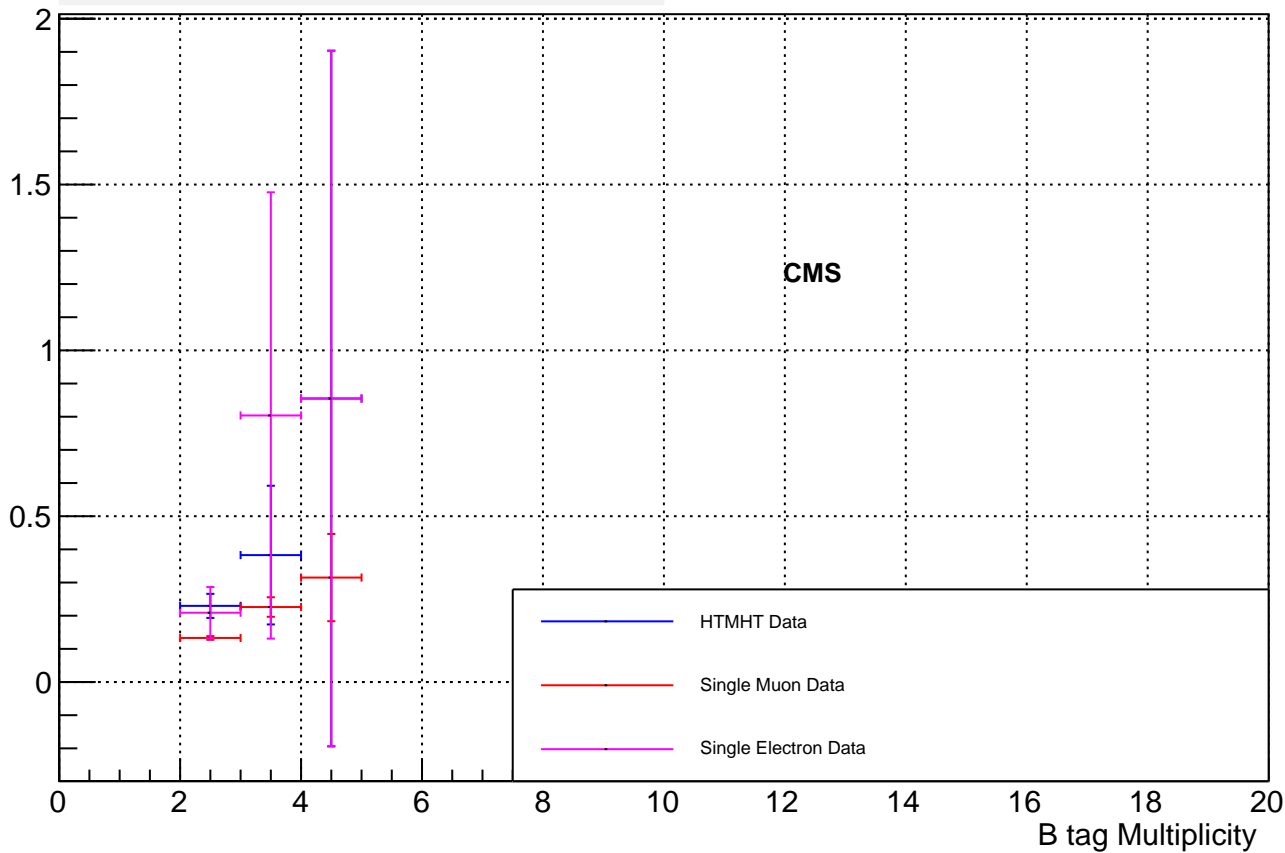
PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

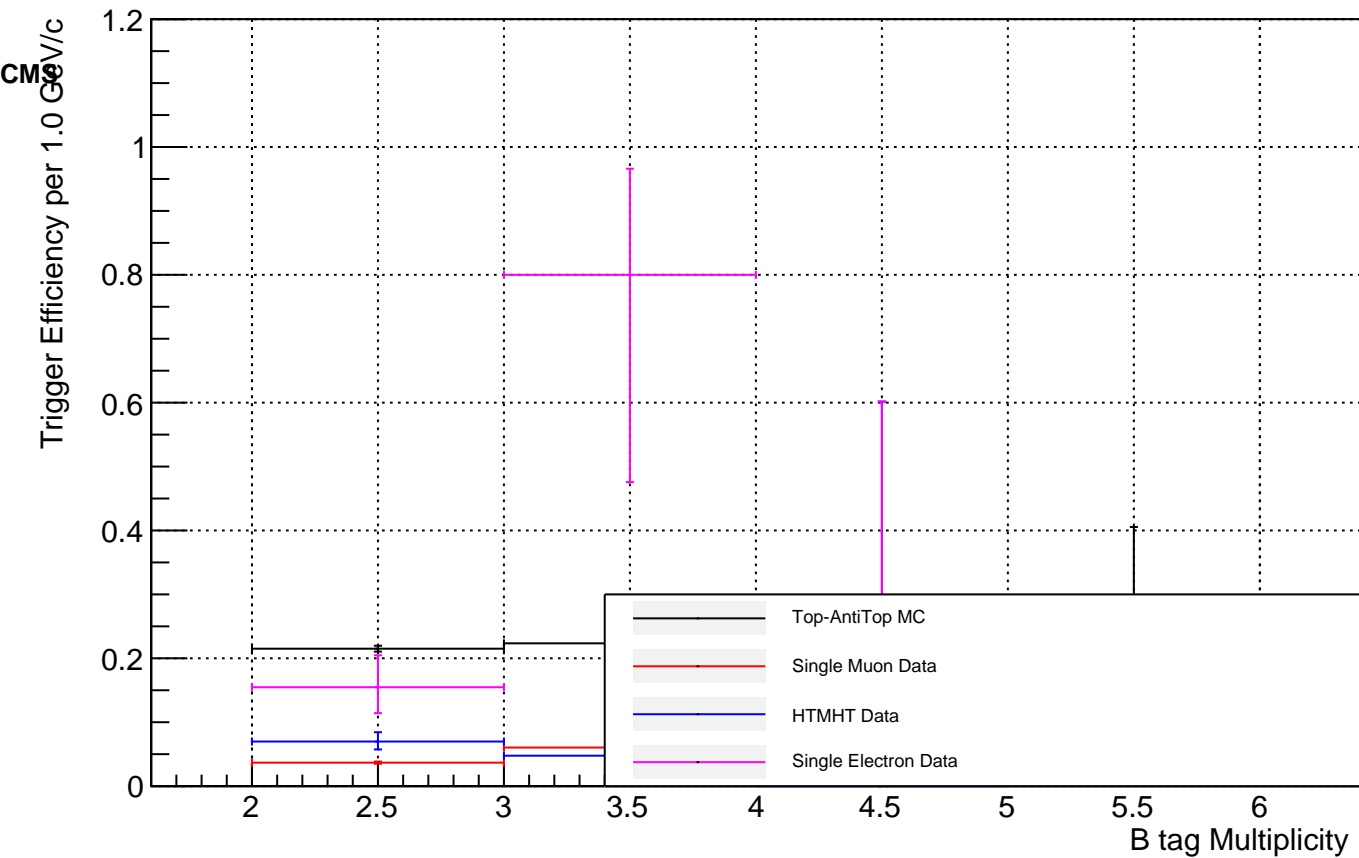




PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

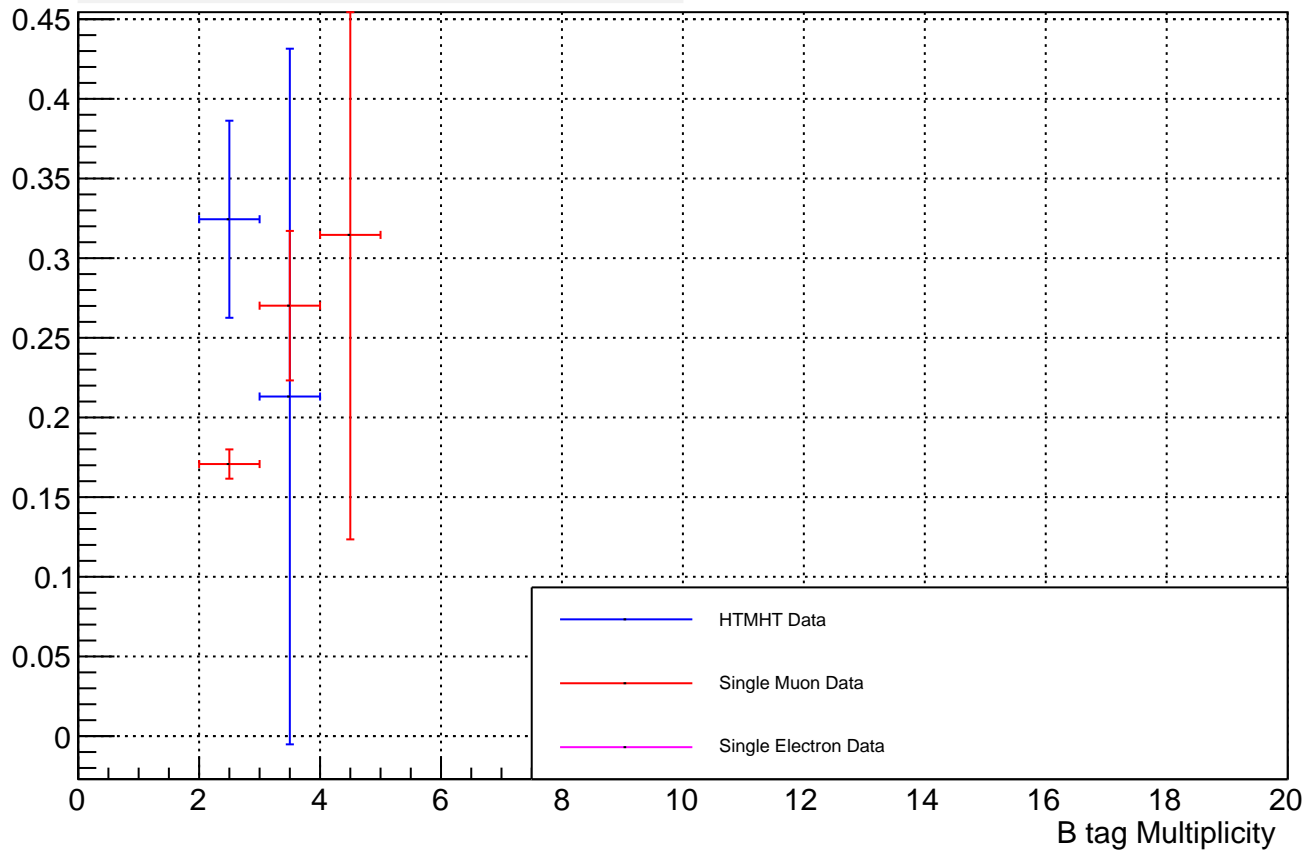
Scale Factors per 1.0 GeV/c

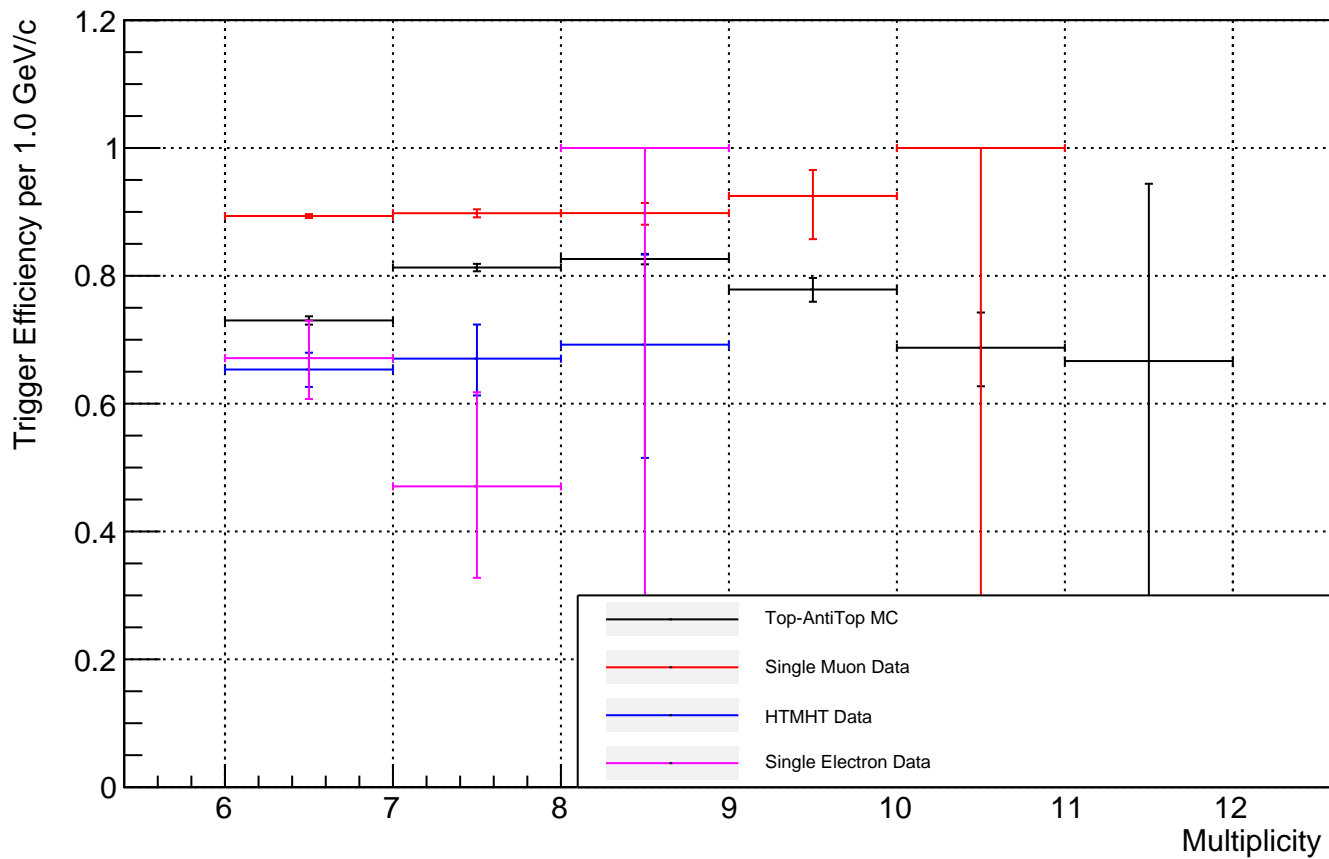




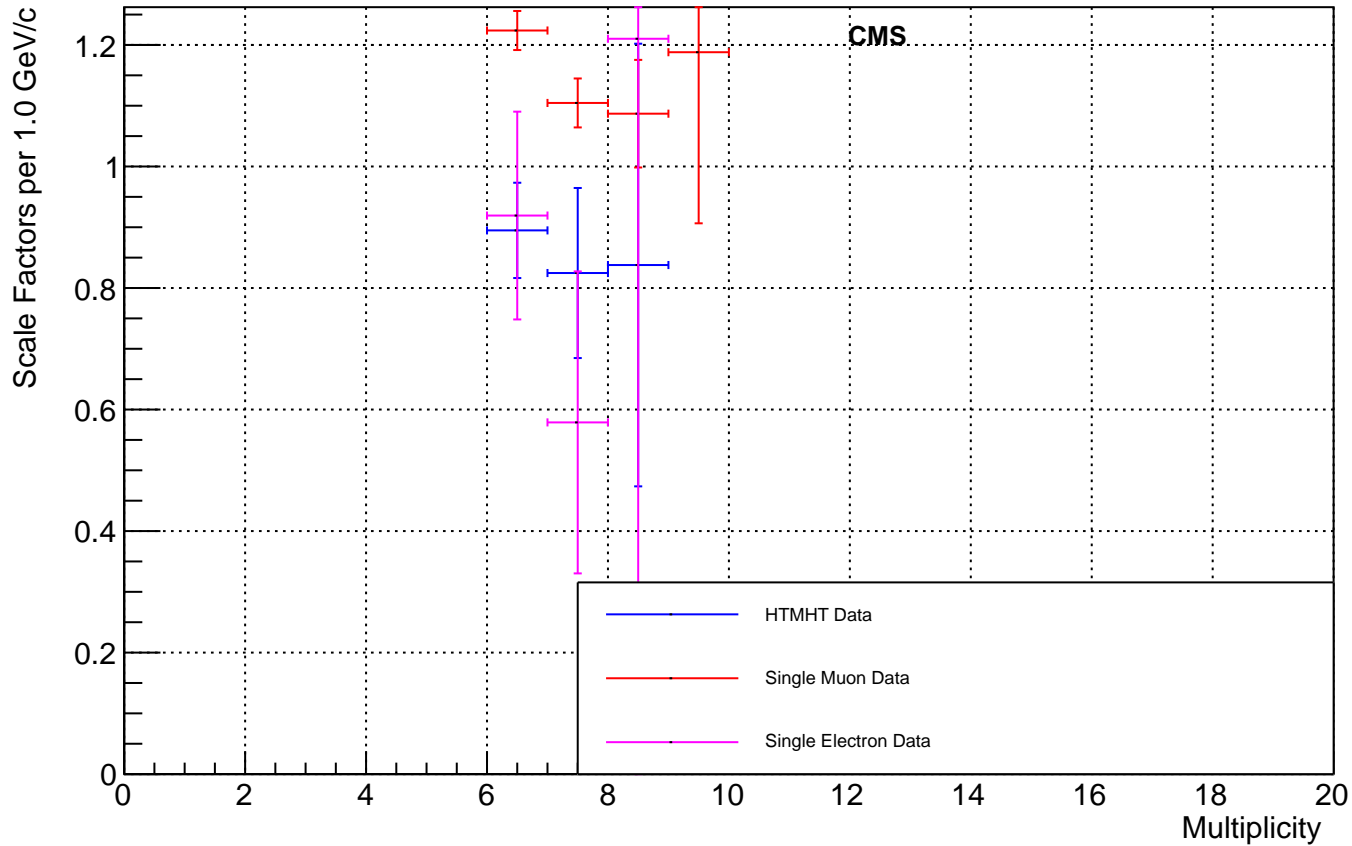
Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

Scale Factors per 1.0 GeV/c





IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2



IsoMu27

