

On-line (pre-)selection Requisites for:

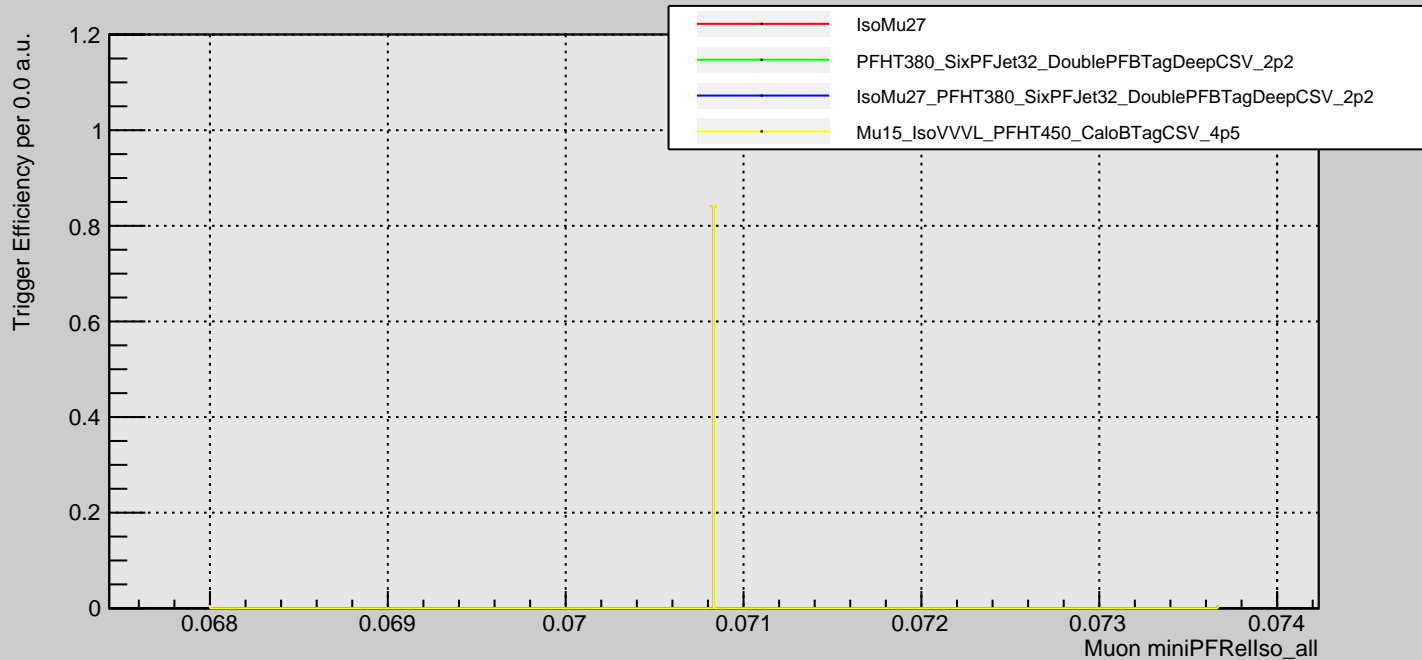
- **Jets:** number > 5
- **Muons plus Electrons:** number > 0

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 $\text{PFRelIso_all} < 0.15$ (for at least 1)

Muon Pt = 5



Muon Pt = 10



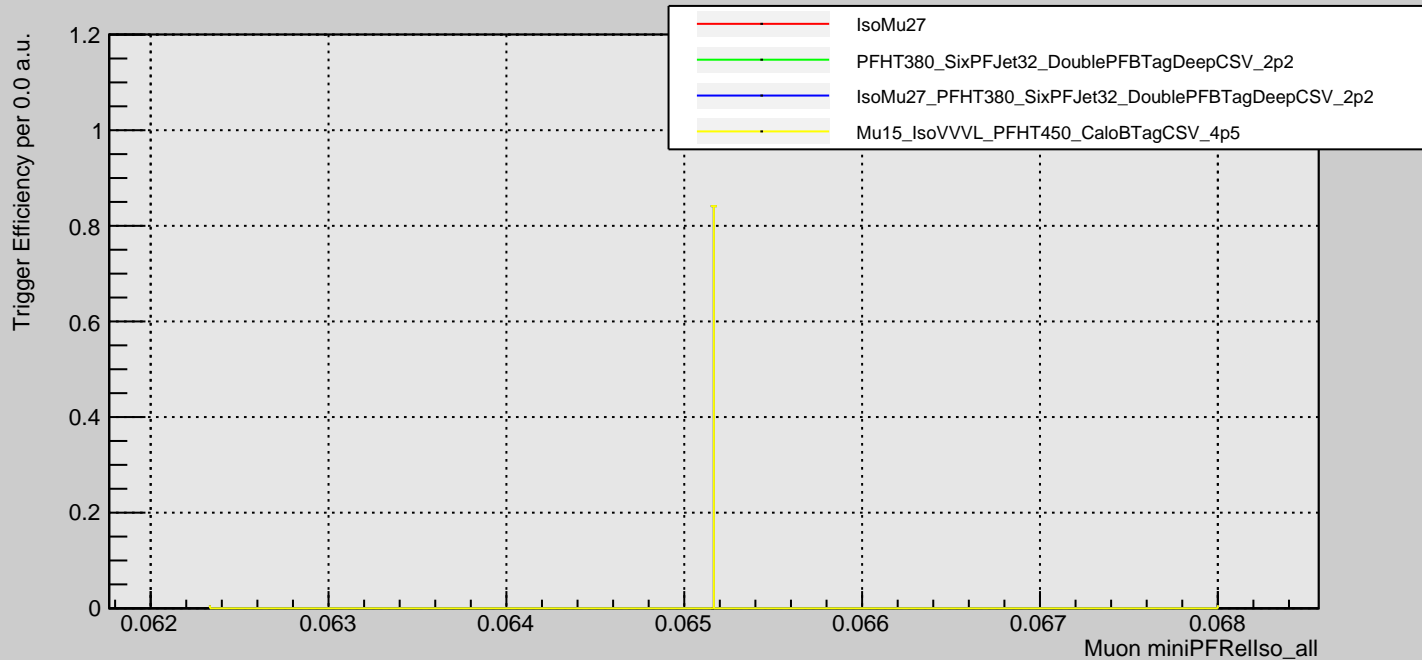
IsoMu27

PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

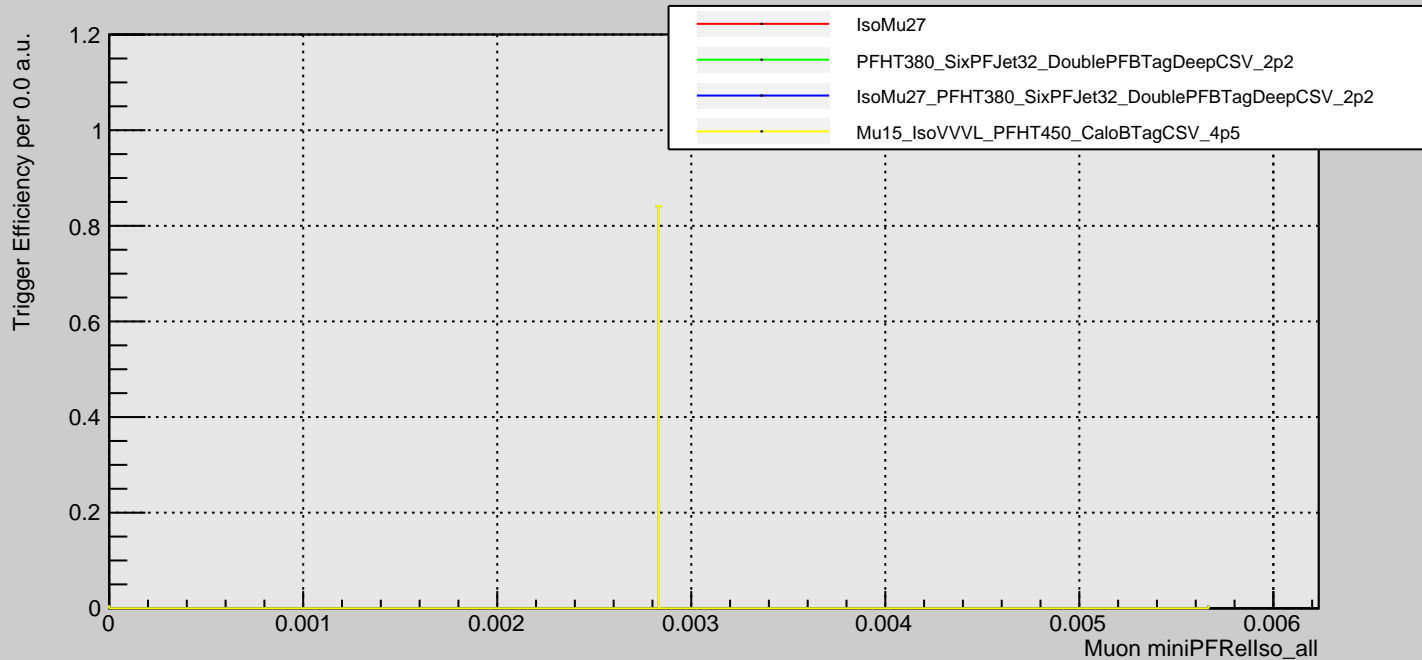
IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

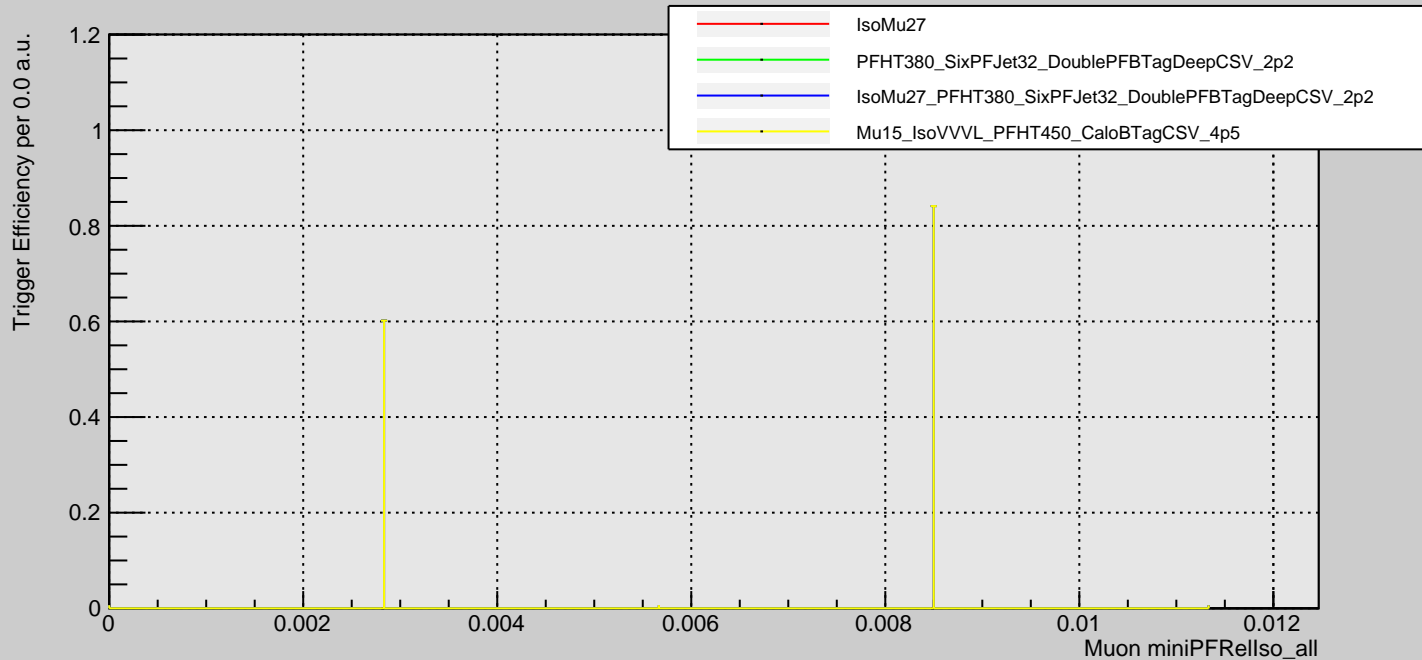
Muon Pt = 15



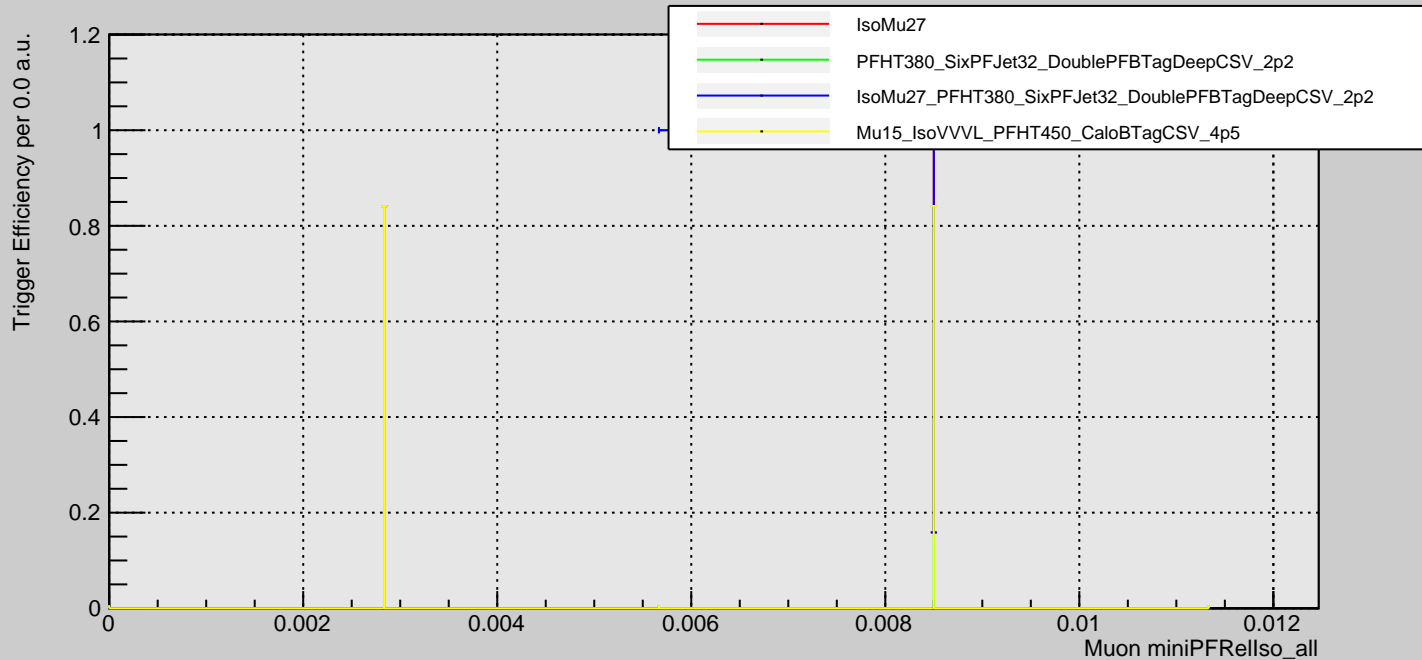
Muon Pt = 20



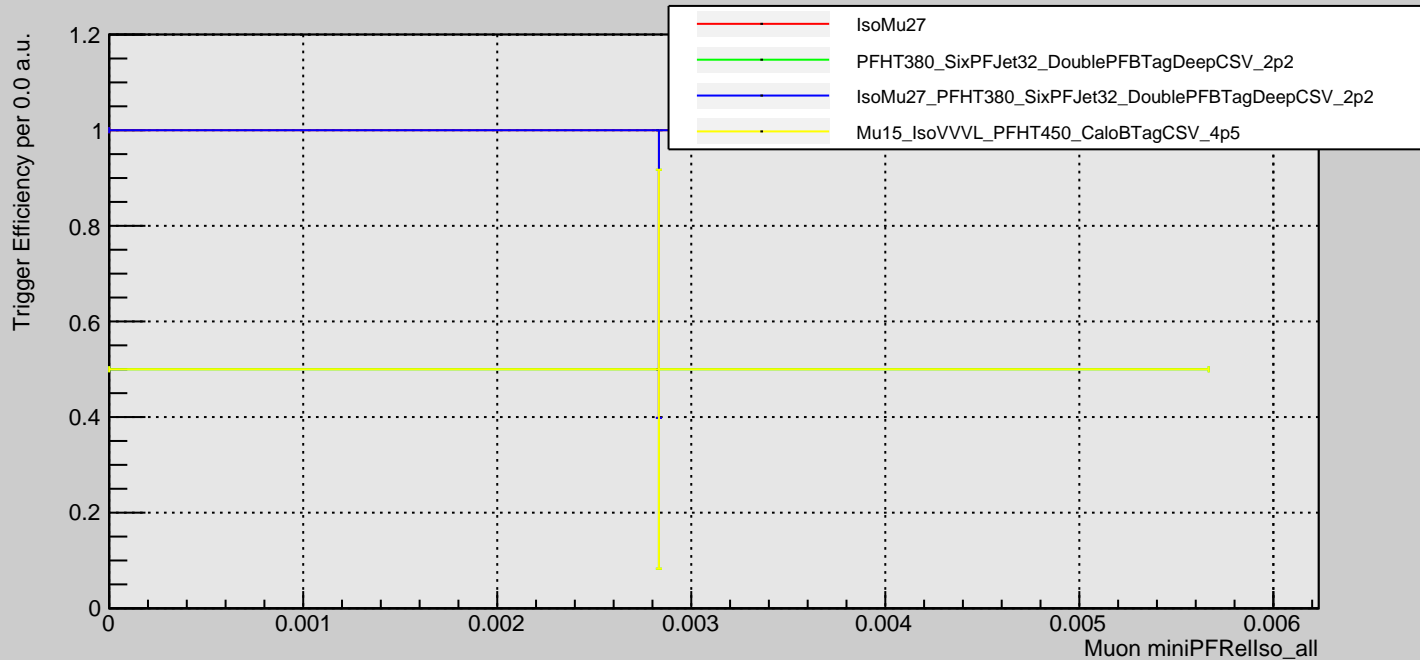
Muon Pt = 25



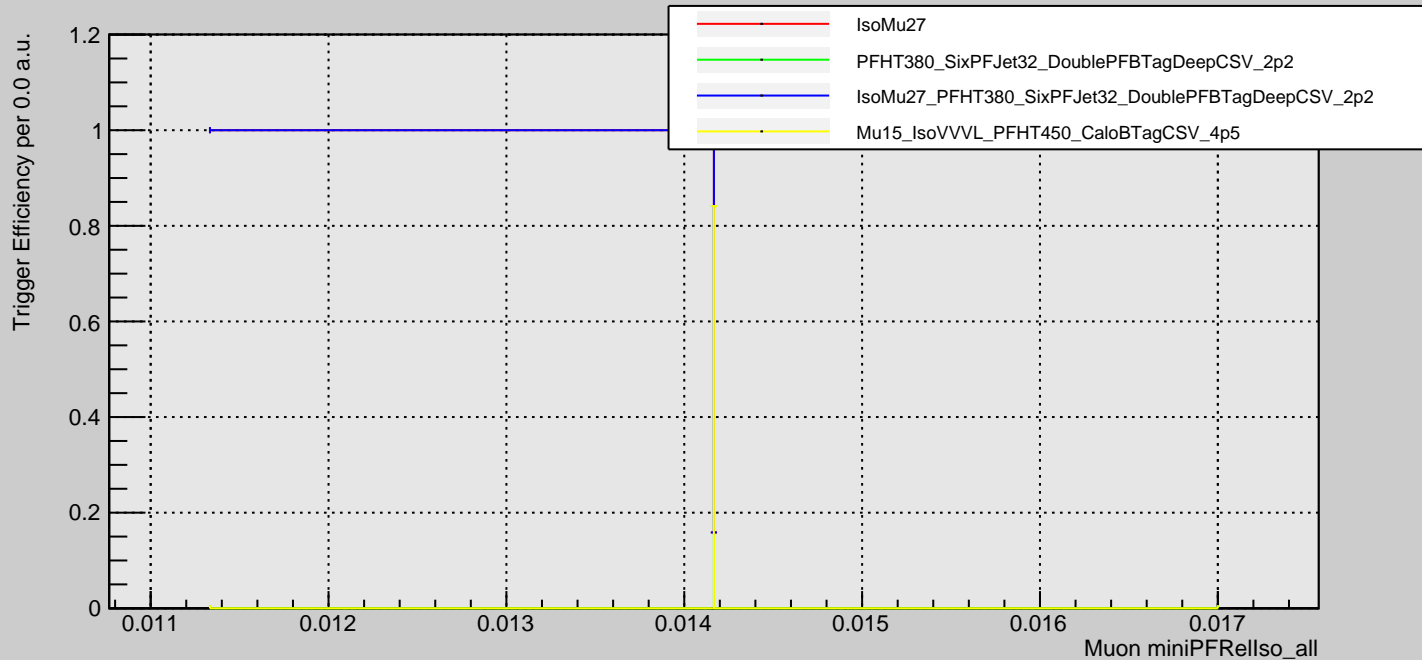
Muon Pt = 30



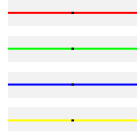
Muon Pt = 35



Muon Pt = 40



Muon Pt = 45



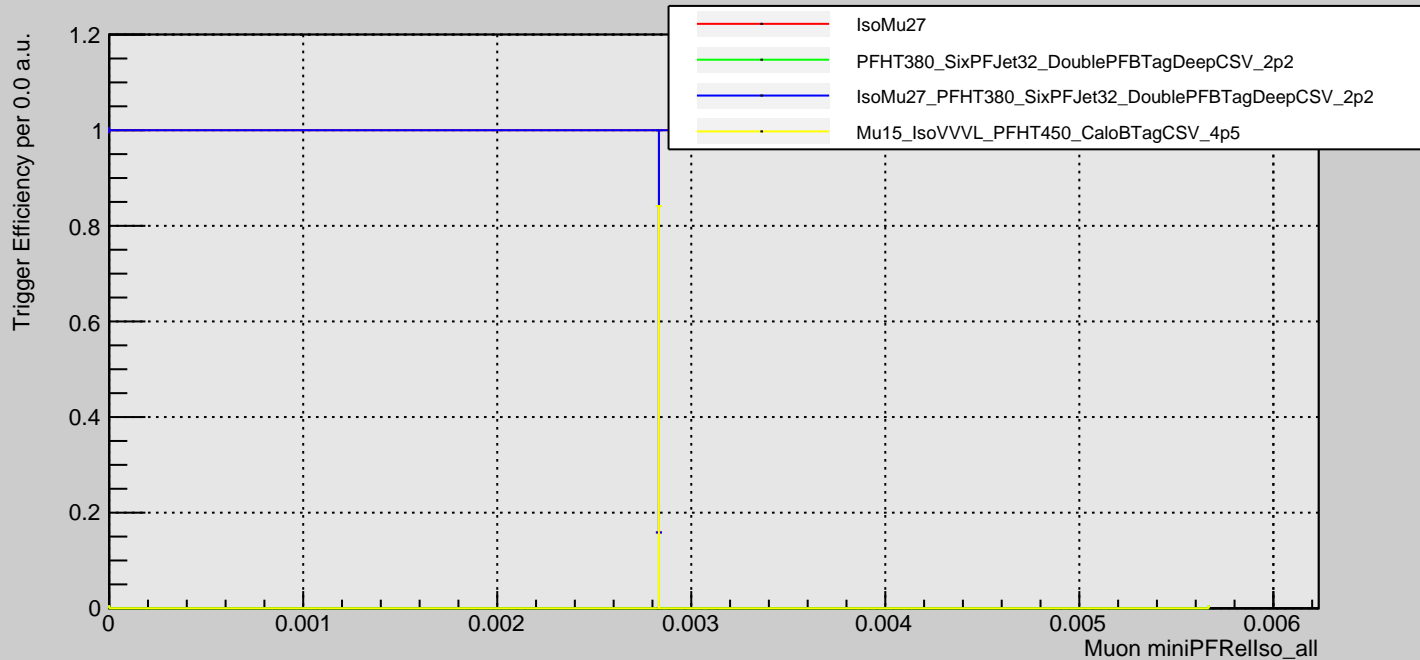
IsoMu27

PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

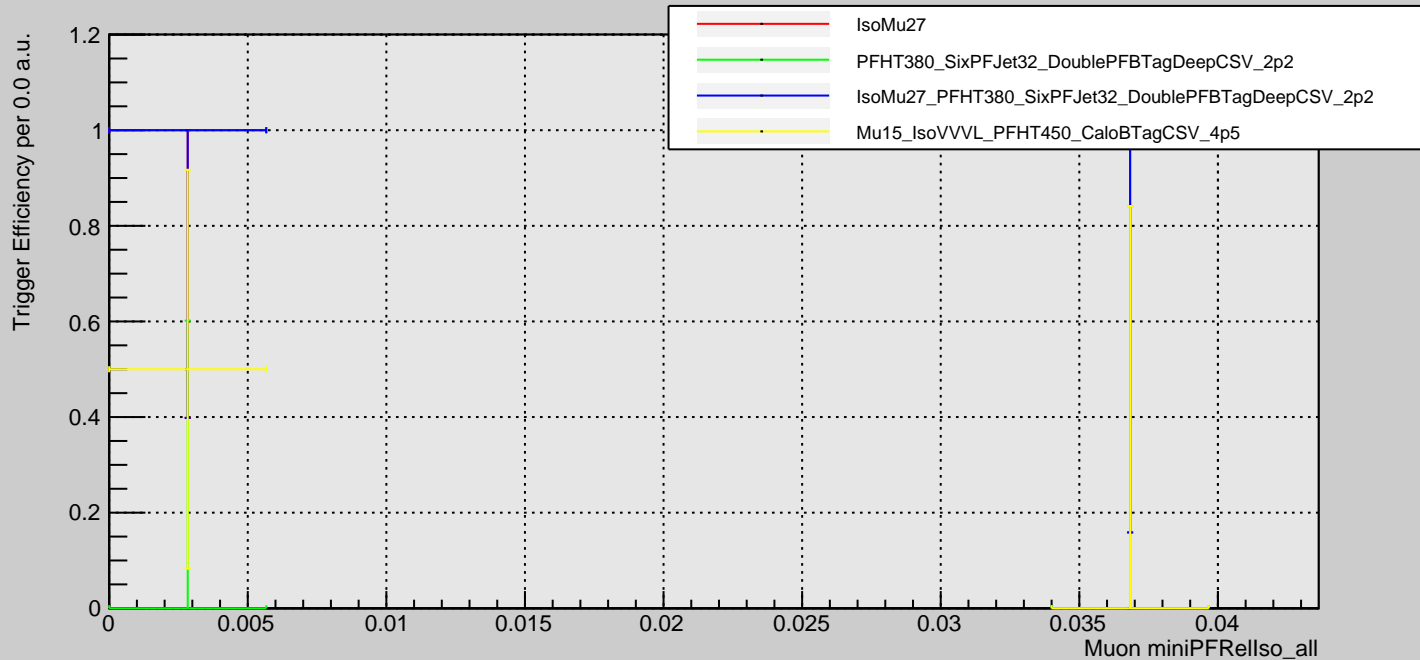
IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

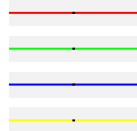
Muon Pt = 50



Muon Pt = 55



Muon Pt = 60



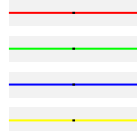
IsoMu27

PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

Muon Pt = 65



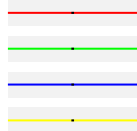
IsoMu27

PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

Muon Pt = 70



IsoMu27

PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

IsoMu27_PFHT380_SixPFJet32_DoublePFBTagDeepCSV_2p2

Mu15_IsoVVVL_PFHT450_CaloBTagCSV_4p5

Muon Pt = 75

