

$\langle m_{\text{trimming}} \rangle$ (GeV)

QCD, Anti-kT (R=0.8)

 $\langle n_{\text{PU}} \rangle = 40$ $p_{\text{T}} > 300$ GeV $|\eta| < 2.5$

PF with trimming

Non-Safe

 $r_{\text{sub}}=0.2, p_{\text{T}_{\text{frac}}}=0.05$ $r_{\text{sub}}=0.1, p_{\text{T}_{\text{frac}}}=0.03$ $r_{\text{sub}}=0.2, p_{\text{T}_{\text{frac}}}=0.03$ $r_{\text{sub}}=0.3, p_{\text{T}_{\text{frac}}}=0.03$

ungroomed

 n_{PV} 