

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

QCD, Anti-kT (R=0.8)

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

PF+CHS 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

 $n_{\text{PV}}$ 