

QCD-jet Rejection

**ATLAS** Internal

Lead jet,  $t\bar{t}$  Selection, No B Overlap

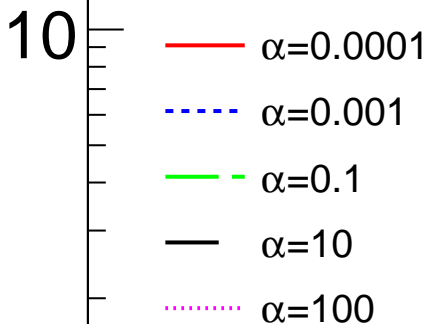
anti- $k_t$   $R=0.7$  LCTopo

$200 \text{ GeV} < p_T^{\text{pruned}} < 350 \text{ GeV}$

$50 \text{ GeV} < m_{\text{jet}}^{\text{pruned}} < 110 \text{ GeV}$

$z = 0.1$ ,  $d = m/p_T$ , C/A Pruning,  $N_{\text{Q-jets}} = 75$

MC, Full Backgrounds



W-jet Efficiency