

Q-jets

**ATLAS** Internal

Powheg + Pythia  $t\bar{t}$ , Example Jet

Q-jets on anti- $k_t$   $R=0.7$  LC Topo

$p_T = 240.1$  GeV

—  $\alpha=0.0001$

---  $\alpha=0.1$

—  $\alpha=100$

—  $M_{\text{jet}}$

...  $M_{\text{jet}}^{\text{pruned}}$

0

20

40

60

80

100

Mass [GeV]

