

7000 GeV pp

 $t\bar{t}$ Differential jet shape for b-jets with $40 \text{ GeV} < p_T < 50 \text{ GeV}$

- ATLAS
- - ■ Pythia 6.426 default
- - * Pythia 6.426 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2013_I1243871)

 $\rho(r)$

10

1

 10^{-1}

2

1

0.5

Ratio to ATLAS

2

1

0.5

 r

0 0.1 0.2 0.3 0.4