

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|y| \in [0, 0.2]$

■ ATLAS

—●— Pythia 6.427 z2

 $d^2\sigma / d|y| dp_{T}^{t\bar{t}} \# [\text{fb}] \# \{\text{TeV}\}^{-1}$ 10^4 10^3 10^2

10

2

0.5

(ATLAS_2022_I2077575)

Ratio to ATLAS

1

0.5

0.5

1

 $p_{T}^{t\bar{t}} \# [\text{TeV}]$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

0.5