

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ invariant mass, $p_{\text{T}}^{t\bar{t}} \in [0.35, 1] \text{ # {TeV}}$

■ ATLAS

—▲ Pythia 8.150 default

 $1 / \sigma \text{ # } \# \text{cdot} \text{ # } d^2\sigma / dp_{\text{T}}^{t\bar{t}} dm_{t\bar{t}}^2 \text{ # } [\text{TeV}]^2$ 10^{-1}
 10^{-2} 10^{-3}

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $m_{t\bar{t}} \text{ # } [\text{TeV}]$ 