

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ invariant mass, $|y^{t\bar{t}}| \in [0.2, 0.5]$ $1/\sigma \cdot \# \text{cdot} \# \text{d}^2\sigma / \text{d}y^{t\bar{t}} \text{d}m^{t\bar{t}} \# [\{\text{TeV}\}^{-1}]$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

■ ATLAS
—△— Pythia 6.428 370
- - - ■ - - - Pythia 6.428 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2
1
0.52
1
0.5 $m^{t\bar{t}} \# [\{\text{TeV}\}]$ 