

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|y^{t,\bar{t}}| \in [0.2, 0.5]$

- ATLAS
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -* Pythia 6.428 d6t
- -■ Pythia 6.428 default
- -▽ Pythia 6.428 dw
- -○ Pythia 6.428 p0

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{t,\bar{t}}| dy^{t,\bar{t}} \#$

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{t,\bar{t}}|$ 