

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|y^{t,\bar{t}}| \in [0, 0.2]$

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

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

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

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