

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1 / \sigma \# \# \text{d}\sigma / \text{d}|y^{t\bar{t}}|$

10

1

 10^{-1}

- ATLAS
- - ■ Pythia 6.426 359
- - ▲ Pythia 6.426 a
- - ▼ Pythia 6.426 dw
- - ○ Pythia 6.426 p0
- - ☆ Pythia 6.426 pro-q2o

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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