

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (atlas2022-lh) $1/\sigma \#cdot d\sigma / d|y^{t\bar{t}}|$

10

1

 10^{-1} 10^{-2}

- ATLAS
- △— Pythia 6.427 370
- △····· Pythia 6.427 373
- - -○- - - Pythia 6.427 374
- Pythia 6.427 375

(ATLAS_2022_I2037744)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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