

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (atlas2022-lh)Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2037744)

2

1

0.5

 $|y^{t\bar{t}}|$ $d\sigma / d|y^{t\bar{t}}|$ [pb]

Ratio to ATLAS

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

