

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1 / \sigma \# \# \text{d}\sigma / \text{d}|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

- ATLAS
- ▲ Pythia 8.315 default
- * - Pythia 8.315 tune-4c
- □ - Pythia 8.315 tune-4cx

Ratio to ATLAS

2

1

0.5

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

0

0.5

1

1.5

2