

13000 GeV pp

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.315 default

Ratio to ATLAS

2

1

0.5

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

0 0.5 1 1.5 2