

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t} \text{bar})$ (atlas2022-lh) $1/\sigma \# \text{cdot } d\sigma / d|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

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