

13000 GeV pp

 $t\bar{t}$ Particle-level subleading top rapidity, $|y^{t,1}| \in [0.5, 1]$

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

 $1/\sigma \# \# \text{cdot} \# d^2\sigma / d|y^{t,1}| d|y^{t,2}|$

Ratio to ATLAS

 $|y^{t,2}|$ 