Parton-level leading top rapidity, $|y^{t\bar{t}}| \in [0.2, 0.5]$

- ■ ATLAS
- Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- Pythia 8.315 tune-A14-MSTW2008LO
- Pythia 8.315 tune-A14-NNPDF2.3LO
- Pythia 8.315 tune-CUETP8S1

$d^2\sigma / d|y^{t\bar{t}}| \, d|y^{t,1}| \, \# \, [\{fb\}]$

(ATLAS_2022_I2077575)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$|y^{t,1}|$