

13000 GeV pp

 $t\bar{t}$ Parton-level subleading top rapidity, $|y^{t,1}| \in [0.2, 0.5]$

■ ATLAS

—▲ Pythia 8.315 default

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,2}|$ 