

13000 GeV pp

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

■ 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

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{t,1}| d|y^{t,2}|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS-2022-12077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,2}|$ 