

13000 GeV pp

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

■ ATLAS
— Pythia 8.315 qcdcr2

 $1/\sigma \# \text{cdot} \# d^2\sigma / dy^{t,1} dy^{t,2}$ 1.2
1.0
0.8
0.6
0.4
0.2

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.50 0.5 1 1.5 2
 $|y^{t,2}|$ 