

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 qcdcr2

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

3
2
1
0.53
2
1
0.5 $|y|^{t,1}$

0

0.5

1

1.5

2