

13000 GeV pp

 $t\bar{t}$ Parton-level subleading top rapidity, $|y^{t,1}| \in [0, 0.2]$

■ ATLAS

— Pythia 8.315 ropes

 $1/\sigma \cdot \# \text{cdot} \# d^2\sigma / dy^{t,1} dy^{t,2}$ 1.6
1.4
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

0.5

2

1

2

1

0.5

 $|y^{t,2}|$

0

0.5

1

1.5

2