

13000 GeV pp

 $t\bar{t}$ Parton-level subleading top rapidity, $|y^{t,1}| \in [1,2]$

■ ATLAS

— Pythia 8.307 pptherm

 $1/\sigma \cdot \# \text{cdot} \# d^2\sigma / d|y^{t,1}| d|y^{t,2}|$ 0.5
0.4
0.3
0.2
0.1
0

(ATLAS_2022_I2077575)

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

Ratio to ATLAS

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

0 0.5 1 1.5 2