

13000 GeV pp

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

- ATLAS
- Pythia 6.428 391
- +— Pythia 6.428 393
- Pythia 6.428 394
- ▼— Pythia 6.428 395

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,2}|$

0

0.5

1

1.5

2