

13000 GeV pp

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

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

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

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{t,1}|$ 