

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.201 default

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,2}|$ 