

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (atlas2022-lh) $1/\sigma \#cdot d\sigma / d|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.315 default

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

 $|y^{t\bar{t}}|$ 