

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ invariant mass, $|y^{t,1}| \in [0.2, 0.5]$ $1/\sigma \# \text{cdot} \# \text{d}^2\sigma / \text{d}y^{t,1} \text{d}m^{t\bar{t}} \# [\{\text{TeV}\}^{-1}]$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q2o

(ATLAS_2022_I2077575)

Ratio to ATLAS

