

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 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

(ATLAS\_2022\_I2037744)

Ratio to ATLAS

2

1

0.5

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