

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:2401.10621]

- ATLAS
- ▲— Pythia 8.315 default
- -▼- - Pythia 8.315 tune-AU2
- -◇- - Pythia 8.315 tune-AU2lox
- -□- - Pythia 8.315 tune-AU2loxx
- -★- - Pythia 8.315 tune-AU2m

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

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