

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_2022_I2037744)

- ATLAS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- - ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0
- - ☆ Pythia 6.427 pro-q20

Ratio to ATLAS

2

1

0.5

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