

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 6.428 370
- -○- - Pythia 6.428 atlas-csc
- -* - Pythia 6.428 d6t
- -■- - Pythia 6.428 default
- -▼- - Pythia 6.428 dw
- Pythia 6.428 p0

Ratio to ATLAS

2

1

0.5

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