

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 6.428 391
- -■- - Pythia 6.428 default
- -☆- - Pythia 6.428 pro-q20

Ratio to ATLAS

2

1

0.5

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

0 0.5 1 1.5 2