

13000 GeV pp

 $t\bar{t}$

Parton-level leading top rapidity

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

 $d\sigma / d|y^{t,1}| \text{ # [fb]}$ 10^4 10^3 10^2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y^{t,1}|$

0

0.5

1

1.5

2