

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1/\sigma \# \text{cdot} \# d\sigma / d|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

- ATLAS
- ▲ Pythia 8.244 default
- ▲ Pythia 8.244 default-noFsr
- ▲ Pythia 8.244 default-noRap

Ratio to ATLAS

2

1

0.5

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