

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $|y| \in [0, 0.2]$ $d^2\sigma / d|y|^{t,1} dp_{\text{T}}^{t,1} \# [\text{fb}] \# [\text{TeV}^{-1}]$

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{t,1} \# [\text{TeV}]$ 