

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $p_{\text{T}}^{\text{t},1} \in [0.5, 1]$ $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{\text{t},1}| dp_{\text{T}}^{\text{t},1} \# [\text{TeV}^{-1}]$

- ATLAS
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- - ■ Pythia 6.428 default
- ▲ Pythia 8.235 default

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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