

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 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I20:77575)

Ratio to ATLAS

2

1

0.5

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