

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $|y| \in [0.2, 0.5]$ $d^2\sigma / d|y|^{t,1} dp_{\text{T}}^{t,1} \# [\text{fb}] \# [\text{TeV}]^{-1}$

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

10
2
1
0.52
1
0.5 $p_{\text{T}}^{t,1} \# [\text{TeV}]$ 