

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0, 0.2]$

■ ATLAS

— Pythia 8.315 rescatter

 $1/\sigma \# \# \text{cdot} \# \text{d}^2\sigma / \text{d}|\vec{y}| \text{d}p_{\text{T}}^{\text{t}\bar{\text{t}}} \# [\text{TeV}]^{-1}$ 10
1

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

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