

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0.2, 0.5]$

■ ATLAS

—△ Pythia 6.428 370

- -▲ Pythia 6.428 371

- ·▼ Pythia 6.428 372

- ·● Pythia 6.428 376

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

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $p_{\text{T}}^{\text{t}\bar{\text{t}}} \# \{\{\text{TeV}\}\}$

0.5

1

0