

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0.5, 1]$

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

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|\vec{y}| dp_{\text{T}}^{\text{tt}} \# [\text{TeV}]^{-1}$

10

1

 10^{-1} 10^{-2}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_{\text{T}}^{\text{tt}} \# [\text{TeV}]$

0

0.5

1