

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $p_{\text{T}}^{t\bar{t}} \in [0.35, 1] \text{ # TeV}$

- ATLAS
- △ Pythia 6.426 ambt1
- Pythia 6.426 z1

 $d^2\sigma / dp_{\text{T}}^{t\bar{t}} d m_{t\bar{t}}^{\text{#}} [\text{fb}] \text{ # } [\text{TeV}]^2$ 10^3 10^2

10

1

2

1

0.5

Ratio to ATLAS

(ATLAS_2022_I2077575)

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

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $m_{t\bar{t}}^{\text{#}} [\text{TeV}]$

1

2

3

4