

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $p_{\{T\}}^{t,1} \in [0.75, 2] \# \{\text{TeV}\}$

■ ATLAS

— Pythia 8.307 eetherm

 $d^2\sigma / dp_{\{T\}}^{t,1} dm_{t\bar{t}} \# \{\text{fb}\} \# \{\text{TeV}\}^{-2}$

100

80

60

40

20

0

Ratio to ATLAS

2

1

0.5

1

2

3

4

 $m_{t\bar{t}} \# \{\text{TeV}\}$

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5