

13000 GeV pp

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

- ATLAS
- Pythia 6.425 350
- .-●-.- Pythia 6.425 357
- ...●... Pythia 6.425 358
- .-■-.- Pythia 6.425 359

 $\frac{d^2\sigma}{dp_{\text{T}}^{t,1}} \frac{dm_{t\bar{t}}}{\text{fb}} \text{ \# \{TeV\}^2}$ 10^2

10

1

2

1

0.5

Ratio to ATLAS

(ATLAS_2022_I2077575)

 $m_{t\bar{t}} \text{ \# \{TeV\}}$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

4

3

2

1