

13000 GeV pp

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

■ ATLAS

▲ Pythia 8.315 default

 $1 / \sigma \# \# \text{cdot} \# \text{d}\sigma / \text{d}p_{\{T\}}^{t\bar{t}} \text{d}m_{t\bar{t}} \# \{\{\text{TeV}\}^2\}$  $10^{-1}$   
 $10^{-2}$ Rivet 4.1.0, 100k events  
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2022\_I2077575)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $m_{t\bar{t}} \# \{\{\text{TeV}\}\}$ 

1

2

3

4

