

13000 GeV pp

 $t\bar{t}$ Particle-level  $\bar{t}$  transverse momentum,  $|\bar{y}| \in [0.2, 0.5]$ 

■ ATLAS

—● Pythia 6.427 z2

 $1 / \sigma \# \# \text{cdot} \# \text{d}^2\sigma / \text{d}|\bar{y}| \text{d}p_{\bar{T}}^{\bar{t}} \# \text{[TeV]}^{-1}$ 10  
8  
6  
4  
2  
0

(ATLAS\_2022\_12077575)

Ratio to ATLAS

2  
1  
0.5Rivet 4.1.0, 100k events  
mcplots.cern.ch [arXiv:2401.10621]2  
1  
0.5 $p_{\bar{T}}^{\bar{t}} \# \text{[TeV]}$ 

0

0.5

1