

13000 GeV pp

 $t\bar{t}$ Particle-level  $t\bar{t}$  invariant mass,  $|y^{t,1}| \in [1,2]$  $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{t,1}| dm^{t\bar{t}} \# \{\text{TeV}\}^{-1}$  $10^{-1}$   
 $10^{-2}$ 

■ ATLAS

—△— Pythia 6.426 ambt1

-.-●-.- Pythia 6.426 z1

(ATLAS\_2022\_I2077575)

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

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

1 2 3 4