

13000 GeV pp

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

■ ATLAS

\* Pythia 6.423 d6t

■ Pythia 6.423 default

▼ Pythia 6.423 dw

○ Pythia 6.423 p0

 $1 / \sigma \cdot \# \text{cdot} \# d^2\sigma / d|\bar{y}^{\bar{t}}| dp_{\bar{T}}^{\bar{t}} \# [\{\text{TeV}\}^{-1}]$ 

10

1

(ATLAS\_2022\_I2077575)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

2

1

1

0.5

0.5

 $p_{\bar{T}}^{\bar{t}} \# [\{\text{TeV}\}]$ 