

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

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

(ATLAS\_2022\_12077575)

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

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 0.5 1  
 $p_{\bar{T}}^{\bar{t}} \# \text{ [TeV]}$ 