

13000 GeV pp

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

■ ATLAS

---□ Herwig 7.2.1 default

—▲ Pythia 8.165 default

 $1/\sigma \cdot \frac{d^2\sigma}{dp_{T,t\bar{t}} dy} \cdot \frac{d\sigma}{d|y|} \cdot \frac{d\sigma}{dp_{T,t\bar{t}}}$

12

10

8

6

4

2

0

(ATLAS_2022_12077575)

Ratio to ATLAS

2

1

0.5

0.5

1

 $p_{T,t\bar{t}} \text{ [TeV]}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

