

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 8.315 default

 $1/\sigma \frac{d^2\sigma}{dp_{T,t\bar{t}} dy} \text{ # [TeV}^{-1}\text{]}$ 12
10
8
6
4
2
0Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_12077575)

Ratio to ATLAS

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

0

0.5

1