

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|\vec{p}_T^{t,1}| \in [0, 0.2]$

■ ATLAS

---○ Herwig++ 2.7.1 default

---□ Herwig 7.2.1 default

 $\frac{d^2\sigma}{d|\vec{p}_T^{t,1}| d\eta^{t,1}} \text{ # [fb] # [TeV]}^{-1}$ 10^5 10^4 10^3 10^2

0.5

0.5

1

1.5

2

 $p_{T}^{t,1} \text{ # [TeV]}$

Ratio to ATLAS

2

1

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

