

13000 GeV pp

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

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

10

2

1

0.5

(ATLAS_2022_I2077575)

Ratio to ATLAS

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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

0.5

1

1.5

2