

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $p_{T}^{t,1} \in [1,2]$

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

 $\frac{d^2\sigma}{d|y^{t,1}| dp_{T}^{t,1}} \# [\text{fb}] \# [\text{TeV}]^{-1}$ 10^3
 10^2
10
1

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

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