

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (ATLAS semileptonic $t\bar{t}$) 10^{-4} 10^{-5} 10^{-6} 10^{-7}

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ▼--- Pythia 8.315 vincia-default
- ...♦... Sherpa 2.2.4 default

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

