

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (ATLAS $t\bar{t}$ bar)

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ...♦ Sherpa 2.2.4 default

 10^{-2} 10^{-3} 10^{-4} 10^{-5} Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2020_1801434)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

