

13000 GeV pp

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

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

■ 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_2020_I1801434)

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

200

400

