

13000 GeV pp

 $t\bar{t}$ p_T^{top} (ATLAS semileptonic $t\bar{t}$) 10^{-5} 10^{-6} 10^{-7} 10^{-8} 10^{-9}

■ 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, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000