

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{t}\bar{t}$ (atlas2022-lh) 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6}

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_2022_I2037744)

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

2500