

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) 10^{-3} 10^{-4} 10^{-5}

■ ATLAS

---○ Herwig++ 2.7.1 default

---□ Herwig 7.2.1 default

...♦ Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000