

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS

---○ Herwig++ 2.7.1 default

---□ Herwig 7.2.1 default

---◇ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN^{fjets}} \frac{dH_T^{t\bar{t}}}{dN^{fjets}} \text{ [pb/GeV]}$ 10^{-1} 10^{-2} 10^{-3} 10^{-4}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 500 1000 1500 2000

 $H_T^{t\bar{t}} \text{ [GeV]}, N^{fjets} = 6$ 