

13000 GeV pp

 $t\bar{t}$ Resolved $l+jets$

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.165 default
- ...◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN^{fjets}} \frac{dH_T^{t\bar{t}}}{dH_T^{t\bar{t}}} [pb/GeV]$ 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

 $H_T^{t\bar{t}} [GeV], N^{fjets} \geq 7$ 