

13000 GeV pp

 $t\bar{t}$ Boosted $l + \text{jets}$

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.135 default
- ...♦ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN_{\text{extra jet}} d m_{t\bar{t}}} \text{ [pb/GeV]}$ 10^{-4} 10^{-3} 10^{-2}

(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

 $m_{t\bar{t}} \text{ [GeV]}, N_{\text{extra jet}} = 1$ 