

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.135 default
- - ◆ Sherpa 2.2.4 default

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

(ATLAS_2019_I1750330)

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0, $\geq 100k$ events

Ratio to ATLAS

0.5

1

2

0.5

1

2

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

1000

2000

3000