

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.4 default

 $1 / \sigma d^2\sigma / dN_{\text{extra jet}}^{\text{tt}} d m_{\text{tt}}^{\text{tt}} [1/\text{GeV}]$ 10^{-4} 10^{-3} 10^{-2} 10^{-5}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

2

0.5

1

2

1000

2000

3000

 $m_{\text{tt}}^{\text{tt}} [\text{GeV}], N_{\text{extra jet}}^{\text{tt}} = 1$ 