

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.244 default
- ◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN^{\{extra\ jet\}} d m_{t\bar{t}}}$  [pb/GeV] $10^{-4}$  $10^{-5}$ 

(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

 $m_{t\bar{t}}$  [GeV],  $N^{\{extra\ jet\}} = 0$ 