

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ◆ Sherpa 2.2.4 default

 $1 / \sigma d^2\sigma / dN^{t\bar{t}} d m^{t\bar{t}} [1/\text{GeV}]$ 10^{-3} 10^{-4} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], N^{\text{extra jet}} = 1$ $N^{\text{extra jet}}$