

13000 GeV pp

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

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

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

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