

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.4 default

 $\frac{d^2\sigma}{dN^{\text{extra jet}} d m_{t\bar{t}}} [\text{pb/GeV}]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

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