

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▼ Herwig 7.2.1 softTune

 $1 / \sigma d^2 \sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-4} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0, 0.65]$ 