

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.135 default

 $1 / \sigma d^2\sigma / dm_{t\bar{t}}^2 d|y_{t\bar{t}}| [1/\text{GeV}]$ 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

0.5

1

2

0.5

1

2

500

1000

1500

2000

 $m_{t\bar{t}} [GeV], |y_{t\bar{t}}| \in [0,0.4]$ 