

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $1/\sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/GeV]$ 10^{-3} 10^{-4} 10^{-5} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m^{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [1.2, 2.5]$

500

1000

1500

2000