

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

 $d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}|$ [pb/GeV] 10^{-1} 10^{-2} 10^{-3} 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]], $|y^{t\bar{t}}| \in [0.8, 1.2]$

500

1000

1500

2000