

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

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m_{t\bar{t}}^2 [\text{GeV}], |y_{t\bar{t}}| \in [0.4, 0.8]$

500

1000

1500

2000