

13000 GeV pp

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

■ ATLAS

---○--- Herwig++ 2.7.1 default

---□--- 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}

(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

 $m^{t\bar{t}}$ [[GeV]], $|y^{t\bar{t}}| \in [0.4, 0.8]$

500

1000

1500

2000