

13000 GeV pp

 $t\bar{t}$ Boosted $l + \text{jets}$

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

 $1/\sigma d^2\sigma / d m_{T}^{t\bar{t}} d p_{T}^{t\bar{t}} [1/\text{GeV}^2]$ 10^{-6} 10^{-7}

(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

 $m_{T}^{t\bar{t}} [\text{GeV}], p_{T}^{t\bar{t}} \in [0,40] [\text{GeV}]$ 