

13000 GeV pp

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

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

 $1/\sigma d^2\sigma/dN_{jet}^{extra} d m_{t\bar{t}} [1/GeV]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

 10^{-5}
2
1
0.5

1000

2000

3000

 $m_{t\bar{t}} [[GeV]], N_{jet}^{extra} = 1$