

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.201 default

 $1 / \sigma d^2\sigma / dN_{t\bar{t}}^{extra\ jet} d m_{t\bar{t}} [1/GeV]$ 10^{-3} 10^{-4} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

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