

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.243 default

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

1000

2000

3000

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