

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.201 default

 $1/\sigma d^2\sigma / dm^{t\bar{t}} d|y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-2} 10^{-3} 10^{-4}

(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

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0, 0.65]$ 