

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

 $1/\sigma d^2\sigma/dm^{t\bar{t}} d|y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-3} 10^{-4} 10^{-5}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [1.3, 2.0]$ 