

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.201 default

 $1 / \sigma d^2\sigma / dN_{\text{extra jet}}^{\{t\bar{t}\}} d m_{t\bar{t}} [1/\text{GeV}]$ 10^{-3} 10^{-4} 10^{-5}

(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

 $m_{t\bar{t}} [\{\text{GeV}\}], N_{\text{extra jet}}^{\{t\bar{t}\}} = 0$