

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.315 default

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

(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

 $m_{t\bar{t}} [GeV], N_{\{extra\ jet\}} = 1$ $d^2\sigma / dN_{\{extra\ jet\}} d m_{t\bar{t}} [pb/GeV]$