

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.235 default

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

2

1

1

0.5

0.5

1000

2000

3000

 $m_{t\bar{t}} [GeV], N_{\{extra\ jet\}} = 1$ 