

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.301 default

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

2

2

1

0.5

1000

2000

3000

 $m^{\text{t}\bar{t}} \text{ [GeV]}, N^{\text{extra jet}} = 1$ 