

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

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

(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

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