

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.315 default

 $\frac{d^2\sigma}{dN^{l+jets} d m^{t\bar{t}}} [pb/GeV]$ 10^{-4} 10^{-5}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m^{t\bar{t}} [GeV], N^{l+jets} = 0$ 