

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default

 $\frac{d^2\sigma}{d m_{t\bar{t}} d N_{jet}^{extra}} \text{ [pb/GeV]}$ 10^{-4} 10^{-5} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

2

0.5

1

2

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

1000

2000

3000

