

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

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

(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

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

1000

2000

3000