

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

 $1 / \sigma \, d^2\sigma / dN_{\text{extra jet}}^{\text{tt}} \, d m_{\text{tt}}^{\text{tt}} [1/\text{GeV}]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

2

1

1

0.5

0.5

1000

2000

3000

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