

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- · · ◇ Pythia 8.315 tune-AU2lox
- · · □ Pythia 8.315 tune-AU2loxx
- · · ★ Pythia 8.315 tune-AU2m

 $1 / \sigma d^2\sigma / dN_{l+jets}^{extra} d m_{t\bar{t}} [1/GeV]$ 10^{-3} 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

 $m_{t\bar{t}} [[GeV]], N_{l+jets}^{extra} = 1$ 