

13000 GeV pp

 $t\bar{t}$

Resolved 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

 $d^2\sigma / dN^{j_{\text{ets}}} d m^{t\bar{t}} [\text{pb/GeV}]$ 10^{-1} 10^{-2} 10^{-3}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000

 $m^{t\bar{t}} [\{\text{GeV}\}], N^{j_{\text{ets}}} \geq 6$