

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- - ■ Pythia 6.426 default
- - * Pythia 6.426 pro-q2o

 $1 / \sigma \, d^2\sigma / dN^{j_{\text{ets}}} \, d m_{t\bar{t}} [1/\text{GeV}]$ 10^{-3} 10^{-4} 10^{-5}

(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

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