

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS
— Pythia 8.307 pptherm

 $1/\sigma d^2\sigma / dm^{t\bar{t}} d|y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-4} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

2

1

0.5

2

1

500

1000

1500

2000

 $m^{t\bar{t}} [\{\text{GeV}\}], |y^{t\bar{t}}| \in [0.4, 0.8]$ 