

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS

— Pythia 8.315 ropes

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m^{t\bar{t}} \, [\text{GeV}], |y^{t\bar{t}}| \in [0, 0.4]$

500

1000

1500

2000