

13000 GeV pp

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

■ ATLAS

— Pythia 8.307 ppthermNoScat

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

(ATLAS\_2019\_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

2

1

1

0.5

0.5

500

1000

1500

2000

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