

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS

— Pythia 8.307 pptherm

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

(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

 $m^{t\bar{t}}$ [GeV], $|y^{t\bar{t}}| \in [1.2, 2.5]$ 