

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $\frac{d^2\sigma}{d m^{t\bar{t}} d |y^{t\bar{t}}|} [\text{pb/GeV}]$ 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

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