

13000 GeV pp

 $t\bar{t}$ 

Resolved l+jets

■ ATLAS

— Pythia 8.307 eetherm

 $1/\sigma \, d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| \, [1/\text{GeV}]$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

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

500

1000

1500

2000