

13000 GeV pp

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

■ ATLAS  
— Pythia 8.315 qcdcr0

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

(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

1000

2000

3000

 $m^{t\bar{t}}$  [GeV],  $|y^{t\bar{t}}| \in [0,0.65]$ 