

13000 GeV pp

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

■ ATLAS
— Pythia 8.315 rescatter

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

2

1

0.5

2

1

500

1000

1500

2000

 $m^{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [0,0.4]$ 