

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $|y^{t,1}| \in [0.2, 0.5]$

■ ATLAS

- - - ◆ Sherpa 1.3.0 default

 $1 / \sigma \# \# \text{d}^2\sigma / \text{d}y^{t,1} \text{d}m^{t\bar{t}} \# \text{[TeV]}^{-1}$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $m^{t\bar{t}} \# \text{[TeV]}$

1

2

3

4