

13000 GeV pp

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

4

 $d^2\sigma / d|y^{t,1}| dm^{t\bar{t}} \text{ # [fb] # [TeV]}^{-1}$ 10^4 10^3 10^2 

ATLAS



Sherpa 1.3.0 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

1

2

3

4

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