

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $|y^{t\bar{t}}| \in [0.5, 1]$ $1/\sigma \# \text{cdot} \# \text{d}^2\sigma / \text{d}y^{t\bar{t}} \text{d}m^{t\bar{t}} \# \text{[TeV]}^{-1}$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

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

■

ATLAS

◆

Sherpa 1.3.0 default

(ATLAS_2022_I2077575)

