

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $|y^{t\bar{t}}| \in [0, 0.2]$ $1/\sigma \cdot \# \cdot d^2\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} \cdot \# \cdot \{\text{TeV}\}^{-1}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

 $m^{t\bar{t}} \cdot \# \cdot \{\text{TeV}\}$ 