

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $|y^{t\bar{t}}| \in [0.2, 0.5]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} \# [\text{TeV}]^{-1}$

Ratio to ATLAS

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

■ ATLAS

□ Herwig 7.2.1 default

▲ Pythia 8.135 default

◆ Sherpa 2.2.4 default

