

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1 / \sigma \# \# \text{cdot} \# d\sigma / d|y^{t\bar{t}}|$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]



ATLAS



Pythia 8.230 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

0

0.5

1

1.5

2

 $|y^{t\bar{t}}|$ 