

13000 GeV pp

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

10

1

 10^{-1} 10^{-2} 

ATLAS



Herwig++ 2.7.1 default



Herwig 7.2.1 default



Pythia 8.230 default



Sherpa 2.2.4 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0.5

1

1.5

2

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