

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



Pythia 6.428 370



Pythia 6.428 379



Pythia 6.428 ambt1



Pythia 6.428 z2

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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

0

0.5

1

1.5

2