

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (atlas2022-lh) $1/\sigma \#cdot d\sigma / d|y^{t\bar{t}}|$

10

1

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

ATLAS

Pythia 6.428 370

Pythia 6.428 373

Pythia 6.428 374

Pythia 6.428 375

Pythia 6.428 381

Pythia 6.428 382

(ATLAS_2022_I2037744)

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