

13000 GeV pp

 $t\bar{t}$ $t\bar{t}b\bar{b}\gamma$ Star (atlas2022-boosthad)

10

1

 10^{-1}

■ ATLAS

▲ Pythia 8.315 default

— Pythia 8.315 tune-A14-CTEQL1

- - - Pythia 8.315 tune-A14-MSTW2008LO

... Pythia 8.315 tune-A14-NNPDF2.3LO

- - Δ Pythia 8.315 tune-CUETP8S1

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

