

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (atlas2022-boosthad) 10^5 10^4 10^3 10^2

10

■ 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, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0.5

1

0