

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (atlas2022-boosthad.parton) 10^6 10^5 10^4 10^3 10^2

■ ATLAS

—▲— Pythia 8.315 default

- - ▼ - - Pythia 8.315 tune-AU2

- - ◇ - - Pythia 8.315 tune-AU2lox

- - □ - - Pythia 8.315 tune-AU2loxx

—★— Pythia 8.315 tune-AU2m

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0.5

1