

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t}b\bar{a})$ (atlas2022-boosthad)

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

1

2

3

4

 10^3 10^2

10

1

2

1

0.5