

7000 GeV pp

Top (parton level)

 $M(t\bar{t})$ ($p_{Tt} > 50$ $dy > 0$)

- Pythia 8.315 default
- Pythia 8.315 tune-AU2
- Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- Pythia 8.315 tune-AU2m

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

400

600

800

1000