

1960 GeV ppbar

Top (parton level)

 $M(t\bar{t})$

- 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

1000

800

600

400

 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1}

1