

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a})$ ($p_{Tt\bar{t}} < 50$ $d\eta > 0$)

- Pythia 8.315 default
- Pythia 8.315 tune-4c
- Pythia 8.315 tune-4cx

(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

2

1

0.5

400 600 800 1000