

1960 GeV ppbar

Top (parton level)

 $M(t\bar{t}b\bar{a})$ ($d\gamma < 0$)

- Pythia 8.315 default
- Pythia 8.315 vincia-default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

0.5

1

2

0.5

1

2

400

600

800

1000

