

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 vincia-default

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.308 default

0.5

1

2

0.5

1

2

400

600

800

1000