

7000 GeV pp

Top (parton level)

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

Pythia 8.243 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.243 default

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

2

1

0.5

400

600

800

1000

2

1

0.5