

7000 GeV pp

Top (parton level)

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

- Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

2
1
0.5

2
1
0.5

400

600

800

1000

