

7000 GeV pp

Top (parton level)

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

- Pythia 6.425 350
- Pythia 6.425 357
- Pythia 6.425 358
- Pythia 6.425 359

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 6.425 350

200 400 600 800 1000

2

1

0.5