

7000 GeV pp

Top (parton level)

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

- Pythia 6.428 390
- Pythia 6.428 391
- Pythia 6.428 392
- Pythia 6.428 396
- Pythia 6.428 397
- Pythia 6.428 398

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 6.428 390

2
1
0.52
1
0.5

200 400 600 800 1000