

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a})$ ($d\gamma < 0$)

- Pythia 6.428 359
- Pythia 6.428 370
- Pythia 6.428 a
- Pythia 6.428 dw
- Pythia 6.428 p0
- Pythia 6.428 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 6.428 359

0.5

2

1

2

1

0.5

200

400

600

800

1000