

7000 GeV pp

Top (parton level)

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

- Herwig 7.2.1 default
- △-- Pythia 6.427 370
- ▲-- Pythia 8.315 default
- ◇-- Sherpa 2.2.9 default

1

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

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Herwig 7.2.1 default

2

1

0.5

2

1

0.5

400

600

800

1000