

7000 GeV pp

Top (parton level)

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

- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- Herwig 7.2.1 softTune

1

 10^{-1} 10^{-2} 10^{-3} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Herwig++ 2.7.1 default

2

1

0.5

2

1

0.5

400

600

800

1000