

7000 GeV pp

Top (parton level)

 $y(t\bar{t})$  ( $M_{tt} < 450$   $dy > 0$ )

Herwig 7.2.1 default

Pythia 6.428 370

Pythia 8.315 default

Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

2  
1  
0.52  
1  
0.5