

7000 GeV pp

Top (parton level)

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

- Herwig 7.2.1 default
- Pythia 8.315 default
- Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

 $10^2$   
 $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$ 2  
1  
0.5