

7000 GeV pp

Top (parton level)

$M(t\bar{t}bar)$  ( $dy < 0$ )

- Herwig 7.2.1 softTune
- Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 softTune

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

100k events  
10621  
2  
1  
0.5

400 600 800 1000

