

1960 GeV ppbar

Top (parton level)

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

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

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Herwig++ 2.7.1 default

 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$ 2  
1  
0.5

400

600

800

1000

2  
1  
0.5