

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $M_{tt} > 450$  dy < 0)

- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- Pythia 8.308 default
- Pythia 8.308 vincia-default
- Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 2.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig++ 2.7.1 default

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