

1960 GeV ppbar

Top (parton level)

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

- Herwig 7.2.1 default
- Pythia 8.230 default
- Sherpa 2.2.9 default

10<sup>2</sup>  
10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

2  
1  
0.5

2  
1  
0.5

0

1

2

3

