

1960 GeV ppbar

Top (parton level)

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

Herwig 7.2.1 softTune  
Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 softTune

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

1

10

 $10^2$ 

2

1

0.5

0.2

0.1

0.05

0

1

2

3

2

1

0.5

0.2

0.1

0.05

