

7000 GeV pp

Top (parton level)

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

- Herwig 7.2.1 default
- ▲-- Pythia 8.308 default
- ♦- Sherpa 2.2.9 default

$10^3$

$10^2$

10

1

$10^{-1}$

(MC\_FBA\_TTBAR)

2

1

0.5

0

1

2

3

Ratio to Herwig 7.2.1 default

Rivet 3.1.10,  $\geq 3.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

