

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) (Mtt < 450)

- Herwig 7.2.1 default
- Pythia 8.308 default
- Sherpa 1.2.3 default

10<sup>3</sup>

10<sup>2</sup>

10

1

2

Ratio to Herwig 7.2.1 default

0.5

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

2

1

0.5

0

1

2

3