

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) (pT<sub>tt</sub> < 50)

- Herwig 7.2.1 default
- Pythia 8.240 default
- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

0.5

1

2

0.5

1

2

0

1

2

3

10<sup>4</sup>10<sup>3</sup>10<sup>2</sup>

10

1

10<sup>-1</sup>