

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) ( $d\gamma < 0$ )

- Herwig++ 2.7.1 default
- Herwig 7.0.0 default
- Pythia 8.244 default
- Sherpa 2.2.9 default

 $10^3$ 

Herwig 7.0.0 default

Pythia 8.244 default

Sherpa 2.2.9 default

 $10^2$ 

10

1

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig++ 2.7.1 default

2

1

0.5

2

1

0.5

0

1

2

3