

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

- Herwig++ 2.7.1 default
- Herwig 7.0.0 default
- ▲--- Pythia 8.308 default
- ▼--- Pythia 8.308 vincia-default
- ◆--- Sherpa 2.2.9 default

 $10^3$  $10^2$ 

10

1

 $10^{-1}$ 

2

1

0.5

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to Herwig++ 2.7.1 default

(MC\_FBA\_TTBAR)

0

1

2

3

0

1

2

3