

$\Delta\phi$  (ttbar) ( $p_{Tt} > 50$   $dy > 0$ )

- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲--- Pythia 8.315 default
- ▼--- Pythia 8.315 vincia-default
- ◆--- Sherpa 2.2.9 default

 $10^2$ 

10

1

 $10^{-1}$ 

(MC\_FBA\_TTBAR)

2

1

0.5

0

1

2

3

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Herwig++ 2.7.1 default