

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $dy < 0$ )

- Herwig 7.2.1 default
- Pythia 6.428 370
- Pythia 8.315 default
- Sherpa 2.2.9 default

$10^2$

$10$

$1$

$10^{-1}$

$10^{-2}$

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

2

1

0.5

2

1

0.5

0

1

2

3

