

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $M_{tt} > 450$  dy  $> 0$ ) $10^2$ 

---□--- Herwig 7.0.2 default

---△--- Pythia 6.428 370

---▲--- Pythia 8.308 default

---◆--- Sherpa 2.2.9 default

10

Rivet 3.1.10,  $\geq 600k$  events $10^{-1}$  $10^{-2}$  $10^{-3}$ 

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.0.2 default

2

2

1

1

0.5

0.5

0

1

2

3