

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$ (ttbar) ($M_{tt} < 450$ dy > 0)

- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.170 default
- ...◆... Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Herwig 7.2.1 default

 10^2
 10
 1
 10^{-1}
 10^{-2} 2
1
0.5

0

1

2

3

2
1
0.5