

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $p_{T}^{Tt} > 50$ )

- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

1

 $10^{-1}$  $10^{-2}$ 

Herwig++ 2.7.1, Herwig 7.1.4, Pythia 6.428, Pythia 8.240, Sherpa 2.2.6

Rivet 2.6.1,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to Herwig++ (Def)

2

1

0.5

2

1

0.5

0

1

2

3

