

7000 GeV pp

Top (parton level)

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

- Herwig++ 2.5.1 default
- Herwig 7.2.1 default
- Herwig 7.2.1 softTune

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig++ 2.5.1 default

