

7000 GeV pp

Top (parton level)

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

- Pythia 8.212 default
- Pythia 8.212 default-noFsr
- Pythia 8.212 default-noRap

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.212 default

