

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($p_{Tt\bar{t}} > 50$ dy < 0)

- Pythia 8.180 default
- Pythia 8.180 default-CD
- Pythia 8.180 default-MBR

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.180 default

