

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 default-noFsr
- Pythia 8.308 default-noRap

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 8.308 default

