

7000 GeV pp

Top (parton level)

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

- Pythia 8.315 default
- Pythia 8.315 vincia-default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

