

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($d\gamma > 0$)

Pythia 8.315 default
Pythia 8.315 vincia-default

 10^3 10^2

10

1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

2

1

0.5

2

1

0.5

0

1

2

3