

7000 GeV pp

Top (parton level)

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

Pythia 6.426 default

Pythia 8.180 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 6.426 default

2

2

1

1

0.5

0.5

0

1

2

3

