

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($p_{Tt\bar{t}} > 50$ dy < 0) 10^2

10

1

- Pythia 8.235 default
- Pythia 8.235 default-CD
- Pythia 8.235 default-DL
- Pythia 8.235 default-MBR

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.235 default

2

1

0.5

2

1

0.5

0

1

2

3

