

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.212 default
- Pythia 8.212 default-noFsr
- Pythia 8.212 default-noRap

1

 10^{-1} 10^{-2}

(MC_FBA_TTBAR)

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 8.212 default

2

1

0.5

2

1

0.5

0

1

2

3

