

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.315 default
- Pythia 8.315 default-noFsr
- Pythia 8.315 default-noRap

1

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

(MC\_FBA\_TTBAR)

2

1

0.5

0

1

2

3

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Pythia 8.315 default

