

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $M_{tt} < 450$  dy < 0)

- Pythia 8.315 default
- Pythia 8.315 vincia-default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.315 default

