

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 vincia-default

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

Ratio to Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.2$ M events  
mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

