

7000 GeV pp

Top (parton level)

$\Delta\phi$  (ttbar) ( $d\gamma > 0$ )

- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 vincia-default

$10^3$   
 $10^2$   
10  
1  
2  
1  
0.5

Rivet 3.1.10,  $\geq 2.4$ M events  
mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

2  
1  
0.5

0 1 2 3

Ratio to Pythia 8.308 default