

7000 GeV pp

Top (parton level)

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

Pythia 6.426 default  
Pythia 8.235 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.426 default

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

1000  
100  
10  
1  
0.5

0 1 2 3

