

7000 GeV pp

Top (parton level)

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

Herwig 7.2.1 softTune  
Pythia 6.428 370

Rivet 3.1.10,  $\geq 2.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 softTune

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

2  
1  
0.5

0 1 2 3

