

7000 GeV pp

Top (parton level)

$M(t\bar{t}bar)$  ( $d_y > 0$ )

- Herwig 7.2.1 default
- Pythia 6.428 370
- Pythia 8.308 default
- Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 3.4M$  events  
mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$

2  
1  
0.5

