

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a}r) (dy < 0)$ 

Pythia 8.308 default

Rivet 3.1.10, 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

 $10^{-6}$   
 $10^{-5}$   
 $10^{-4}$   
 $10^{-3}$   
 $10^{-2}$   
 $10^{-1}$   
1  
102  
1  
0.5  
1000  
800  
600  
400