

7000 GeV pp

Top (parton level)

$M(t\bar{t})$  ( $p_{Tt\bar{t}} < 50$   $d_{y} < 0$ )

- Pythia 6.423 default
- Pythia 6.423 pro-q2o

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.423 default

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

2  
1  
0.5

400 600 800 1000

