

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.315 default
- Pythia 8.315 vincia-default

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

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.315 default

2  
1  
0.5

2  
1  
0.5

400

600

800

