

1960 GeV ppbar

Top (parton level)

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

- △ Pythia 6.428 370
- △ Pythia 6.428 373
- Pythia 6.428 374
- Pythia 6.428 375
- △ Pythia 6.428 381
- ▽ Pythia 6.428 382

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.428 370

 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$ 2  
1  
0.5

400 600 800 1000

2  
1  
0.5