

CMS, 13 TeV,  $t\bar{t}$  dilepton, particle level $\frac{1}{\sigma} \frac{d\sigma}{dy}(\{t\}\{\bar{t}\})$ 

- CMS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.315 default

1  
 $10^{-1}$   
 $10^{-2}$

(CMS\_2018\_I1703993)

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

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

-2

0

2

 $y(\{t\}\{\bar{t}\})$ 