

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

- CMS
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

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

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