

8000 GeV pp

 $t\bar{t}$ CMS, 8 TeV,  $\{t\bar{t}\}$  dilepton channel, parton-level■ CMS  
— Pythia 8.313 qcdcr0

0.03

0.02

0.01

0

-0.01

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2016\_I1430892)

2

2

1

1

0.5

0.5

Ratio to CMS

400

600

800

1000

1200

 $M_{t\bar{t}}$ 