

8000 GeV pp

 $t\bar{t}$ CMS, 8 TeV, $\{t\bar{t}\}$ dilepton channel, parton-levelRivet 4.1.0, ≥ 2.5 M events

mcplots.cern.ch [arXiv:2401.10621]

 $A_{\text{C}}\}$
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}

■ CMS
○ Herwig++ 2.7.1 default
□ Herwig 7.2.1 default
▲ Pythia 8.315 default

(CMS_2016_I1430892)

Ratio to CMS

2
1
0.52
1
0.5

400

600

800

1000

1200

 $M_{t\bar{t}}$ 