

8000 GeV pp

 $t\bar{t}$ CMS, 8 TeV, $\{t\bar{t}\}$ dilepton channel, parton-level

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲— Pythia 8.315 default

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

2

1

0.5

Rivet 4.1.0, ≥ 2.6 M events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

(CMS_2016_I1430892)

0

0.5

1

1.5

 $|y_{t\bar{t}}|$

Ratio to CMS

 $A_{\{C\}}$