

8000 GeV pp

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

- CMS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

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

(CMS\_2016\_I1430892)

Rivet 4.1.0,  $\geq 3.6$ M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

2

1

1

0.5

0.5

0

100

200

300

 $p_T^{t\bar{t}}$ 