

8000 GeV pp

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

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

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

(CMS_2016_I1430892)

Rivet 4.1.0, ≥ 3.2 M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

2

1

1

0.5

0.5

0

100

200

300

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