

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 8.165 default

 10^{-1} 10^{-2} 10^{-3} Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2016_I1430892)

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.5

1

1.5

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