

8000 GeV pp

 $t\bar{t}$ $\Delta y(t\bar{t})$ ($\overline{t\bar{t}}_{\text{events}}$, parton level information)

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.5 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2016_I1430892)

Ratio to CMS

-2

-1

0

1

2

1

0.8

0.6

0.4

0.2

0

2

1

0.5

2

1

0.5

