

8000 GeV pp

 $t\bar{t}$ A_C vs $M_{t\bar{t}}$ ($\overline{t\bar{t}}$ events, parton level information)

■ CMS
—▲— Pythia 8.186 default

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

0.5

2

1

2

1

0.5

400

600

800

1000

1200

 $M_{t\bar{t}}\{t\}$ 