

8000 GeV pp

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

- CMS
- - ■ Pythia 6.424 default
- - * Pythia 6.424 pro-q2o

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

0.5

2

1

2

1

0.5

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