

8000 GeV pp

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

- CMS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

 10^{-1} 10^{-2} 10^{-3} Rivet 4.1.0, ≥ 1.9 M 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