

8000 GeV pp

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

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ... Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ Pythia 8.315 tune-CUETP8S1

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

(CMS_2016_I1430892)

Rivet 4.1.0, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

2

1

1

0.5

0.5

400

600

800

1000

1200

