

8000 GeV pp

 $t\bar{t}$ A_C^I vs $M_{t\bar{t}}$ ($\overline{t\bar{t}}$ events, parton level information) 10^{-1} 10^{-2} 10^{-3} 10^{-4}

■ CMS

—□— Pythia 6.428 350

—△— Pythia 6.428 370

—△— Pythia 6.428 380

—○— Pythia 6.428 p0

- - □ - - Pythia 6.428 p2010

(CMS_2016_I1430892)

Rivet 4.1.0, ≥ 1.8 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

2

1

1

0.5

0.5

400

600

800

1000

1200