

8000 GeV pp

 $t\bar{t}$ A_C

0.1

0.08

0.06

0.04

0.02

0

-0.02

Ratio to CMS

2

1

0.5

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

■ CMS

- - ■ Pythia 6.428 359

- - △ Pythia 6.428 370

- - ▲ Pythia 6.428 a

- - ▼ Pythia 6.428 dw

- - ○ Pythia 6.428 p0

- - ☆ Pythia 6.428 pro-q2o

CMS_2016_I1430892

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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