

8000 GeV pp

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

- CMS
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -* Pythia 6.428 d6t
- -■ Pythia 6.428 default
- -▼ Pythia 6.428 dw
- -○ Pythia 6.428 p0

Rivet 3.1.10, $\geq 2.7M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

Ratio to CMS

0.5

1

2

0.5

1

2

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