

8000 GeV pp

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

- CMS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-1
- -● Pythia 8.308 tune-2c
- -○ Pythia 8.308 tune-2m

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

2

2

1

1

0.5

0.5

0

100

200

300

 $p_{T,t\bar{t}}$ 