

8000 GeV pp

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

■ CMS

—▲ Pythia 8.170 default

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

2

1

0.5

 $p_T^t \bar{t}$

0

100

200

300

0.3

0.2

0.1

0

-0.1

2

1

0.5