

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 6.428 378
- - \* - - Pythia 6.428 379

0.1  
0.08  
0.06  
0.04  
0.02  
0

CMS\_2016\_I1430892

Rivet 3.1.10,  $\geq 3.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

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