

8000 GeV pp

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

- CMS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- -▼ Pythia 6.428 372
- ··· Pythia 6.428 376

Rivet 3.1.10,  $\geq 2.5$  M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_I1430892

Ratio to CMS

 $A_C^l$ 

0.5

2

0.5

2

400

600

800

1000

1200

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