

8000 GeV pp

 $t\bar{t}$  $A_C$ 

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

- CMS (black square)
- Pythia 8.240 default (blue triangle)

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_I1430892

Ratio to CMS

0.3

0.2

0.1

0

-0.1

2

1

0.5

0

100

200

 $p_T^t \text{ bar}\{t\}$ 

2

1

0.5

0