

8000 GeV pp

 $t\bar{t}$  $A_C$  $A_C$  vs  $p_{T,t\bar{t}bar}$  ( $t\bar{t}$  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

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