

8000 GeV pp

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

- CMS
- △— Pythia 6.428 370
- - -■- - - Pythia 6.428 default
- ▲— Pythia 8.170 default

Rivet 3.1.10, ≥ 500k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

left $y_{t\bar{t}}$ right