

8000 GeV pp

 $t\bar{t}$ A_C^l vs $y_{t\bar{t}}$ ($\overline{t\bar{t}}$ 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

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