

7000 GeV pp

Jets

Filtered dijet mass(anti- $k_T(0.7)$, $2800 < p_T < 1000$, $|y| < 2.5$)

- CMS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

Rivet 3.1.10, ≥ 2.4 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1224539

Ratio to CMS

2

1

0.5

 $(m_1 + m_2) / 2$ [GeV]