

7000 GeV pp

Jets

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

- CMS
- ▲ Pythia 8.170 default
- -▲ Pythia 8.170 default-CD
- ...▲ Pythia 8.170 default-MBR

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1224539

Ratio to CMS

2

1

0.5

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