

7000 GeV pp

Z (Drell-Yan)

Jet multiplicity (CMS (muon channel))

- CMS
- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - -▲- - - Pythia 8.315 tune-A14-MSTW2008LO
- ... Pythia 8.315 tune-A14-NNPDF2.3LO
- - -▲- - - Pythia 8.315 tune-CUETP8S1

1

10^{-1}

10^{-2}

10^{-3}

10^{-4}

(CMS_EWK_10_012)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

1

2

3

4