

7000 GeV pp

Z (Drell-Yan)

Ratios of jet multiplicity(CMS (electron channel))

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.201 default

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

(CMS_EWK_10_012)

Ratio to CMS

2

2

2

2

2

2

2

2

2

1

2

3

4

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

2

2

2

2

2

2

2

2