

7000 GeV pp

Z (Drell-Yan)

Jet multiplicity (CMS (muon channel))

- CMS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} 10^{-7} 10^{-8} 10^{-9} 10^{-10} 10^{-11} 10^{-12} 10^{-13} 10^{-14} 10^{-15} 10^{-16} 10^{-17} 10^{-18} 10^{-19} 10^{-20}

(CMS_EWK_10_012)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

0.25

0.125

0.0625

0.03125

0.015625

2

1

0.5

0.25

0.125

0.0625

0.03125

0.015625

1

2

3

4