

7000 GeV pp

W

Jet multiplicity (CMS (electron channel))

 $\frac{\sigma(W+\geq n\text{-jets})}{\sigma(W+\geq 0\text{-jets})}$

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 

CMS



Herwig++ 2.7.1 default



Herwig 7.2.1 default



Pythia 8.170 default

(CMS_EWK_10_012)

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

1

2

3

4

Inclusive Jet Multiplicity, n 