

7000 GeV pp

Z (Drell-Yan)

Jet multiplicity (CMS (electron channel))

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

- CMS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 vincia-default

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

(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

