

7000 GeV pp

Soft QCD

 N_j vs N_{ch} ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$)

- CMS
- ▲ Pythia 8.170 default
- -▲ Pythia 8.170 default-CD
- ...▲ Pythia 8.170 default-MBR

CMS_2013_I1261026

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

0.5

2

1

2

3

4

5

6

7

8

9

2

1

2

3

4

5

6

7

8

9

 N_{ch}

Charged jet rate

0

50

100

0.5

1

2