

7000 GeV pp

Soft QCD

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

- CMS
- ▲ Pythia 8.183 default
- -▲ Pythia 8.183 default-CD
- ...▲ Pythia 8.183 default-MBR

Charged jet rate

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_l1261026

Ratio to CMS

2

1

0.5

 N_{ch} 