

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($p_T^{ch} > 0.25$, $p_T^j > 0.25$, $|\eta| < 1.9$, leading in-jet charged particles)

- CMS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

6

5

4

3

2

2

2

1

0.5

0

50

100

 N_{ch}

CMS_2013_I1261026

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 2.7 M events

Ratio to CMS

2

1

0.5