

7000 GeV pp

Soft QCD

Average $\langle p_T \rangle$ 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 tune-4c
- ... □ Pythia 8.308 tune-4cx

6

5

4

3

2

2

1

0.5

0

50

100

 N_{ch}

CMS_2013_l1261026

Rivet 3.1.10, $\geq 2M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to CMS

 $\langle p_T \rangle$ [GeV]