

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 6.428 370
- - - ■ - - - Pythia 6.428 default
- ▲— Pythia 8.308 default

Rivet 3.1.10, $\geq 1.5M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch} $\langle p_T \rangle$ [GeV]

8

7

6

5

4

3

2

2

1

0.5

0

50

100