

7000 GeV pp

Soft QCD

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

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.201 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

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

22

20

18

16

14

12

10

8

6

4

2

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

50

100