

7000 GeV pp

Soft QCD

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

- CMS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- - ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0
- - ☆ Pythia 6.427 pro-q20

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch} 