

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 6.428 373
- -○- - Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- -△- - Pythia 6.428 381
- -▽- - Pythia 6.428 382

6

5

4

3

2

Rivet 3.1.10, $\geq 3M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

2

2

Ratio to CMS

1

1

0.5

0.5

0

50

100

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