

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 1, p_T > 0.5$ GeV)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.209 default

Rivet 3.1.0, ≥ 7.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 N_{ch} 