

7000 GeV pp

Soft QCD

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

- ATLAS
- - - ■ Pythia 6.425 default
- - - ▲ Pythia 8.176 default

Rivet 3.1.0, ≥ 7.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

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0.5 1 2

0.5 1 2

0 50 100 N_{ch} $\langle p_T \rangle$ [GeV]