

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 1$, $p_T > 2.5$ GeV) $\langle p_T \rangle$ [GeV]

- ATLAS
- ▲ Pythia 8.183 default
- -▲ Pythia 8.183 default-CD
- ...▲ Pythia 8.183 default-MBR

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 N_{ch}

0

10

20