

900 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 1, p_T > 0.1$ GeV)

- ATLAS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

0

50

100

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

1.2

1.0

0.8

0.6

0.4

0.2

2

1

0.5