

900 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 0, |\eta| < 2.5, p_T > 0.5$ GeV)

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

Rivet 3.1.10, ≥ 3.3 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

2

1

0.5

2

1

0.5

0.5

0.5

0

20

40

 N_{ch}

60

 $\langle p_T \rangle$ [GeV]