

900 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 1$, $p_T > 0.5$ GeV) $\langle p_T \rangle$ [GeV]

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- · ·◇ Pythia 8.308 tune-AU2lox
- · ·□ Pythia 8.308 tune-AU2lox
- · ·★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 N_{ch}

0

20

40