

900 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1$ ,  $p_T > 2.5$  GeV)

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

Rivet 3.1.10,  $\geq 2.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

 $N_{ch}$ 