

7000 GeV pp

Soft QCD

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

- ATLAS
- △— Pythia 6.425 ambt1
- Pythia 6.425 z2

Rivet 3.1.0,  $\geq 6.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

mcplots.cern.ch [arXiv:1306.3436]

0.5 1 2

0.5 1 2

0 10 20  $N_{ch}$  $\langle p_T \rangle$  [GeV]