

7000 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.5$  GeV)

- ATLAS
- - - ■ Pythia 6.425 default
- - - ▲ Pythia 8.186 default

Rivet 3.1.0,  $\geq 7M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

Ratio to ATLAS

0.5 1 2

0.5 1 1.5 2 2.5 3 3.5

0 50 100  $N_{ch}$ 