

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 8.301 default

Rivet 3.1.0,  $\geq 7.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

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0.5 1 2

0.5 1 2

0 50 100  $N_{ch}$  $\langle p_T \rangle$  [GeV]