

7000 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 2, p_T > 0.1$  GeV)

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.135 default
- - ◆ Sherpa 1.2.2p default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

2

1

0.5

Ratio to ATLAS

