

7000 GeV pp

Soft QCD

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

- ATLAS
- Herwig 7.1.1 default
- ▲ Pythia 8.108.p1 default
- ◆ Sherpa 2.2.6 default

Rivet 3.1.0,  $\geq 6.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

