

900 GeV pp

Soft QCD

 $\# \langle p_T \rangle [\text{GeV}]$ Average transverse momentum as function of N_{ch}

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ...◆... Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I849050)

Ratio to ATLAS

2

1

0.5

 N_{ch} 