

900 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.7.1 default
- ▲- Pythia 8.315 default
- ◆- Sherpa 2.2.9 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

 $N_{\text{ch}}$ 

0

20

40

60