

900 GeV pp

Soft QCD

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

- ATLAS
- + Epos 1.99.crmc.1.6.0 lhc
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ◆ Sherpa 2.2.9 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I849050)

Ratio to ATLAS

2

1

0.5

 N_{ch}

0 20 40 60