

900 GeV pp

Soft QCD

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

- ATLAS
- +— Epos 1.99.crmc.1.3 lhc
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- ... ♦ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I849050)

Ratio to ATLAS

2

1

0.5

 N_{ch}

0

20

40

60