

900 GeV pp

Soft QCD

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

■ ATLAS

- - - Herwig 7.1.0 default

- ▲ - Pythia 8.301 default

- ⬧ - Sherpa 1.2.3 default

Rivet 3.1.0, $\geq 7M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $\langle p_T \rangle$ [GeV]2
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

Ratio to ATLAS

2
1
0.5

0

20

40

 N_{ch}