

900 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

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 N_{ch}

Ratio to ATLAS

1
0.5
00.5
1