

7000 GeV pp

Soft QCD

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

- ATLAS
- - □ Herwig 7.1.1 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0, ≥ 7.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

0.5

2

1

0.5

0

50

100

 N_{ch} $\langle p_T \rangle$ [GeV]

2.5

2

1.5

1

0.5