

7000 GeV pp

Soft QCD

Average $\langle p_T \rangle$ vs N_{ch} ($N_{ch} > 2$, $p_T > 0.1$ GeV)

ATLAS

Herwig 7.2.0 default

Sherpa 1.3.0 default

Rivet 3.1.0, $\geq 5.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $\langle p_T \rangle$ [GeV]

1.4

1.2

1

0.8

0.6

0.4

0.2

2

1

Ratio to ATLAS

0

50

100

150

200

 N_{ch}

0.5

2

1