

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 1, p_T > 0.1$ GeV) $1/N_{ev} dN_{ch}/d\eta$

7

6

5

4

3

2

1

ATLAS

Herwig 7.2.0 default

Sherpa 2.2.0 default

Rivet 3.1.0, $\geq 5.5M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

1

0.5

-2

0

2

 η 