

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 1, p_T > 0.5 \text{ GeV}$)

ATLAS

Herwig 7.0.0 default

Pythia 8.212 default

Sherpa 1.4.0 default

Rivet 3.1.0, $\geq 7.1 \text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$

3

2.5

2

1.5

1

0.5

0.2

1

0.5

Ratio to ATLAS

-2

0

2

 η