

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 0$, $|\eta| < 2.5$, $p_T > 0.5$ GeV)

ATLAS

Herwig++ 2.7.1 default

Herwig 7.2.1 default

Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

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

2.5

2

1.5

1

0.5

2

1

Ratio to ATLAS

0.5

2

1

0.5

-2

0

2

 η