

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 20, p_T > 0.1 \text{ GeV}$)

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

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

14

12

10

8

6

4

2

Ratio to ATLAS

0.5

-2

0

2

 η