

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 2, p_T > 0.1 \text{ GeV}$)

ATLAS

Herwig 7.0.0 default

Sherpa 2.1.1 default

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

14

12

10

8

6

4

2

-2

0

2

 η

Ratio to ATLAS

 $dN_{ch}/d\eta$

1

2

3

4

5

6

7

8

9

10

ATLAS_2010_S8918562

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]