

7000 GeV pp

Soft QCD

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

ATLAS

Herwig 7.2.1 default

Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 3.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

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

12

10

8

6

4

2

2

1

0.5

Ratio to ATLAS

 η

-2

0

2

