

7000 GeV pp

Soft QCD

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

ATLAS

Herwig 7.2.0 default

Sherpa 1.4.3 default

Rivet 3.1.0, $\geq 5.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$ 5
4.5
4
3.5
3
2.5
2
1.5
1
0.5

Ratio to ATLAS

0.5

-2 0 2

 η