

900 GeV pp

Soft QCD

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

- ATLAS
- - □ Herwig 7.2.0 default
- · · ◆ Sherpa 2.2.8 default

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

2.5

2

1.5

1

0.5

2

1

0.5

Rivet 3.1.0, $\geq 5.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

 η

-2

0

2