

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 1, p_{\text{T}} > 0.1 \text{ GeV}$)

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.308 default
- ...◆... Sherpa 2.2.9 default

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

7

6

5

4

3

2

2

1

0.5

Rivet 3.1.10, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

ATLAS_2010_S8918562

Ratio to ATLAS

 η

-2

0

2