

900 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.7.0 default
- Herwig 7.2.1 default
- ▲ Pythia 8.201 default

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

2

1

0.5

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

2.5
2
1.5
1
0.5
2
1
0.5

-2

0

2