

900 GeV pp

Soft QCD

Charged particle multiplicity as function of η

- ATLAS
- Herwig++ 2.4.2 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I849050)

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

Ratio to ATLAS

 η 