

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 20$, $p_{\text{T}} > 0.1$ GeV)

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default
- ...♦ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 1.9 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 η 