

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 6$, $p_{\text{T}} > 0.5$ GeV)

- ATLAS
- Herwig 7.2.1 default
- ...♦... Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 7
6
5
4
3
2
1
0Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.52
1
0.5 η 