

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 1, p_{\text{T}} > 0.5 \text{ GeV}$)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ...◆... Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 5
4
3
2
1
0
2
1
0.5Rivet 3.1.10, $\geq 2.6 \text{ M events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.5
 η 