

7000 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲--- Pythia 8.183 default
- ◆--- Sherpa 2.2.9 default

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

5

4

3

2

1

0

ATLAS_2010_S8918562

Rivet 3.1.10, ≥ 400 k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

3

2

1

0.5

2

1

0.5

 η

-2

0

2