

7000 GeV pp

Soft QCD

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

- ATLAS
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default
- ◆·· Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 2.6M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$ 5
4
3
2
1

-2 0 2

 η

Ratio to ATLAS

0.5

0.5

2

2

1

1

-2 0 2

 η