

7000 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.1.0 default
- ▲- Pythia 8.165 default
- ◆- Sherpa 1.4.1 default

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

22
20
18
16
14
12
10
8
6
4
2
1
0.5

Rivet 3.1.0, $\geq 7.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.5

 η 