

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 20, p_T > 0.1 \text{ GeV}$)

■ ATLAS

- - - Herwig 7.0.0 default

- - - Sherpa 2.1.1 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$ 22
20
18
16
14
12
10
8
6
4
2
0.5

Ratio to ATLAS

-2 0 2

 η