

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 1, p_{\text{T}} > 0.1 \text{ GeV}$)

- ATLAS
- ▲ Pythia 8.170 default
- -▲ Pythia 8.170 default-CD
- ...▲ Pythia 8.170 default-MBR

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

7

6

5

4

3

2

2

1

0.5

-2

0

2

 η

ATLAS_2010_S8918562

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 400\text{k events}$

Ratio to ATLAS

2

1

0.5

