

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 0, |\eta| < 2.5, p_{\text{T}} > 0.5 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$

2.5

2

1.5

1

0.5

Ratio to ATLAS

2

1

0.5

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ⋯▲ Pythia 8.308 default-MBR

ATLAS_2010_S8591806

Rivet 3.1.10, $\geq 3.2\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 η 