

900 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{ch} > 1, p_T > 2.5 \text{ GeV}$ )

ATLAS

Pythia 8.170 default

Rivet 3.1.10, 5000k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

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

0.6

0.5

0.4

0.3

0.2

0.1

-2

-1

0

1

2

 $\eta$ 

Ratio to ATLAS

0.5

2

0.5

2

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