

Soft QCD

900 GeV pp

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

- ATLAS
- △— Pythia 6.428 370
- +-- Pythia 6.428 378
- .-* Pythia 6.428 379

Rivet 3.1.10, $\geq 2M$ 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

 η

Ratio to ATLAS

0.5

2

0.5

2

1

1

1

1

1

1

1

1

1

1

0.6

0.5

0.4

0.3

0.2

0.1

2

1

0.5

0.5