

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 0, |\eta| < 1.0, \text{all } p_T$) $dN/d\eta$

8

7

6

5

4

3

2

1

0.5

0

-1

-0.5

0

0.5

1

 η

- ALICE
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

ALICE_2010_S8625980

Rivet 3.1.10, $\geq 2.7M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

-1

-0.5

0

0.5

1

 η

Ratio to ALICE