

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

-0.5

-1

0

0.5

1

 η

■ ALICE

—△— Pythia 6.428 370

- - □ - - Pythia 6.428 391

- - ■ - - Pythia 6.428 default

- - ☆ - - Pythia 6.428 pro-q2o

ALICE_2010_S8625980

Ratio to ALICE

2

1

0.5

Rivet 3.1.10, $\geq 2.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

-0.5

-1

0

0.5

1

 η