

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

- ALICE
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

ALICE_2010_S8625980

Rivet 3.1.10, $\geq 3.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2

2

1

1

0.5

0.5

-1

-0.5

0

0.5

1

 η 