

900 GeV pp

Soft QCD

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

- ALICE
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.180 default

8

7

6

5

4

3

2

2

1

0.5

-1

-0.5

0

0.5

1

 η Rivet 3.1.0, $\geq 7.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2010_S8625980

Ratio to ALICE

2

1

0.5

-1

0

0.5

1

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5