

7000 GeV pp

Soft QCD

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

- ALICE
- *- Pythia 6.428 355
- *- Pythia 6.428 356
- *- Pythia 6.428 370
- *- Pythia 6.428 379
- *- Pythia 6.428 ambt1
- *- Pythia 6.428 z2

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2010_S8625980

Ratio to ALICE

0.5

2

4

6

8

10

12

-1

-0.5

0

0.5

1

 η

0.5

2

4

6

8

10

12