

7000 GeV pp

Soft QCD

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

- ALICE
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.10,  $\geq 2.6M$  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

 $\eta$ 

0.5

2

4

6

8

10

12