

900 GeV pp

Soft QCD

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

- ALICE
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

8

7

6

5

4

3

2

1

0

ALICE\_2010\_S8625980

Rivet 3.1.10,  $\geq 3.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2

1

0.5

2

1

0.5

-1

-0.5

0

0.5

1

 $\eta$ 