

900 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.230 default
- - ◆ Sherpa 2.2.8 default

8

7

6

5

4

3

2

1

0

Rivet 3.1.0,  $\geq 7.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

2

2

Ratio to ALICE

Ratio to ALICE

1

1

0.5

0.5

-1

-0.5

0

0.5

1

 $\eta$