

7000 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.130.p1 default
- - ◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 5.4M$  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