

7000 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.165 default
- - ◆ Sherpa 1.4.0 default

12

10

8

6

4

2

1

0.5

Rivet 3.1.0,  $\geq 6.8M$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

Ratio to ALICE

2

1

0.5

$\eta$

-1

-0.5

0

0.5

1