

7000 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.240 default
- - ◆ Sherpa 2.2.8 default

12

10

8

6

4

2

2

1

0.5

-1

-0.5

0

0.5

1

 η Rivet 3.1.0, $\geq 5.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2010_S8625980

Ratio to ALICE

2

1

0.5