

900 GeV pp

Soft QCD

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

- ALICE
- Herwig++ 2.6.1a default
- Herwig 7.2.0 default
- ▲- Pythia 8.301 default

8

7

6

5

4

3

2

2

2

2

2

2

2

2

2

2

2

2

2

2

ALICE\_2010\_S8625980

Ratio to ALICE

0.5

1

2

Rivet 3.1.0,  $\geq 5.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\eta$ 

-1

-0.5

0

0.5

1