

7000 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.2.0 default
- - ◆ Sherpa 1.4.3 default

Rivet 3.1.0,  $\geq 5.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

Ratio to ALICE

2

1

0.5

 $\eta$ 12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0.5

-1 -0.5 0 0.5 1