

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

- ALICE
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.2.3 default

8  
7  
6  
5  
4  
3  
2Rivet 3.1.0,  $\geq 7M$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

Ratio to ALICE

2  
1  
0.52  
1  
0.5-1 -0.5 0 0.5 1  
 $\eta$ 