

7000 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.212 default
- -▲ Pythia 8.212 default-CD
- -▲ Pythia 8.212 default-DL
- ⋯▲ Pythia 8.212 default-MBR

Rivet 3.1.0,  $\geq 7.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8625980

Ratio to ALICE

0.5

1

2

3

4

5

6

7

8

9

10

11

12

-1

-0.5

0

0.5

1

 $\eta$ 

0.5

1

2