

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

- ALICE
- ▲ Pythia 8.226 default
- Pythia 8.226 tune-A14-CTEQL1
- - - Pythia 8.226 tune-A14-MSTW2008LO
- ⋯ Pythia 8.226 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.226 tune-CUETP8S1

8

7

6

5

4

3

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

ALICE\_2010\_S8625980

Ratio to ALICE

0.5

1

1

1

1

1

1

-1

-0.5

0

0.5

1

 $\eta$ Rivet 3.1.0,  $\geq 6.9M$  events

mcplots.cern.ch [arXiv:1306.3436]