

$dN/d\eta$ Charged Particles Distribution ( $N_{ch} > 0, p_T > 0.04$  GeV)

- TOTEM
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ⋯▲ Pythia 8.308 default-MBR

8

7

6

5

4

3

2

1

0

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM\_2012\_I1115294

Ratio to TOTEM

2

1

0.5

2

1

0.5

5.5

6

 $\eta$ 