

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

8

7

6

5

4

3

2

1

0

2

1

0.5

0

2

1

0.5

0

0.5

0

0.5

0

0

- TOTEM
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

TOTEM_2012_I1115294

Rivet 3.1.10, $\geq 2M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0.5

0

0.5

0

0

5.5

6

 η

Ratio to TOTEM