

7000 GeV pp

NSD

Charged hadron η integrated over p_T at $\sqrt{s} = 7$ {TeV}

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, ≥ 1.9 M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2010_I855299)

Ratio to CMS

2

1

0.5

 η $dN_{ch}/d\eta$ 12
10
8
6
4
2
1
0.5