

7000 GeV pp

Soft QCD

Ratio of $D^+ \rightarrow D^0$ meson yield ($|y| < 0.5$). $\sigma(D^+)/\sigma(D^0)$

Ratio to ALICE

- ALICE
- ▲— Pythia 8.301 default
- Pythia 8.301 tune-A14-CTEQL1
- - - Pythia 8.301 tune-A14-MSTW2008LO
- ⋯ Pythia 8.301 tune-A14-NNPDF2.3LO
- - △ - - Pythia 8.301 tune-CUETP8S1

ALICE (2017_11511870)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 p_T [GeV]

0

5

10

15

20