

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 6.428 370
- -□- Pythia 6.428 391
- -■- Pythia 6.428 default
- ▲ Pythia 8.135 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE 2017, J1511.1870)

 p_T [GeV]

0

5

10

15

20

0.5

1

2

3

4

5

0.5

1

2

3

4

5