

7000 GeV pp

Soft QCD

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

■ ALICE
— Pythia 8.307 ppthermNoScat

 $\sigma(D^+)/\sigma(D^0)$ 4
3.5
3
2.5
2
1.5
1
0.5
0Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

(ALICE_2017_I1511870)

Ratio to ALICE

2
1
0.52
1
0.50 5 10 15 20
 p_T [GeV]