

7000 GeV pp

Soft QCD

mean $p_T(D^0)$ (ALICE D-meson production)

- ALICE
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - . - . ■ - - . Pythia 6.428 default
- ▲— Pythia 8.165 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2017_I1511870

Ratio to ALICE

2

1

0.5

E = 7 TeV

6999.5

7000

7000.5