

7000 GeV pp

Soft QCD

Mean  $p_T$  of prompt  $D^0$  ( $|y| < 0.5$ ).

- ALICE
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲ - Pythia 8.315 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE\_2017\_I1511870)

Ratio to ALICE

2

1

0.5

E = 7 TeV

