

7000 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2017\_I1511870

Ratio to ALICE

2

1

0.5

E = 7 TeV

