

7000 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE\_2017\_I1511870)

Ratio to ALICE

2

1

0.5

E = 7 TeV

