

7000 GeV pp

Soft QCD

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

- ALICE
- Herwig++ 2.4.2 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

ALICE [2017\_11511870]

Ratio to ALICE

2

1

0.5

 $p_T$  [GeV]