

7000 GeV pp

Soft QCD

 $pT(D^0)$ (y-4.0-4.5)

- LHCB
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.244 default
- - ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCB

