

7000 GeV pp

Soft QCD

 $p_T(D^+) (y-4.0-4.5)$

- LHCb
- △ Pythia 6.427 370
- -■ Pythia 6.427 default
- ▲ Pythia 8.308 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

 $p_T [GeV/c]$ 