

7000 GeV pp

Soft QCD

 $p_T(D^+) (y-2.0-2.5)$

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.212 default

 $d\sigma / dp_T [\mu\text{b}/(\text{GeV}/c)]$ 10^3 10^2

10

1

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

2

1

0.5

 $p_T [\text{GeV}/c]$

2 4 6 8

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