

7000 GeV pp

Soft QCD

 $pT(D^0)$ ($y=3.0-3.5$) 10^3 10^2

10

1

■ LHCb
- - □ - - Herwig 7.2.1 default
- - ◆ - - Sherpa 2.2.9 default

(LHCb_2013_I1218996)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

2

1

0.5

2

1

0.5

0

2

4

6

8