

7000 GeV pp

Soft QCD

 $p_T(D^0)$ ($y=2.0-2.5$) $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV}/c)$]

■ LHCB
◆ Sherpa 1.3.0 default

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCB

2

1

0.5

 p_T [GeV/c]