

7000 GeV pp

Soft QCD

 $p_T(D^0)$ ($y=3.0-3.5$) $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV}/c)$] 10^3 10^2

10

1



LHCB



Pythia 6.425 355



Pythia 6.425 356



Pythia 6.425 ambt1



Pythia 6.425 z2

LHCB_2013_I1218996

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCB

2

1

0.5

2

1

0.5

 p_T [GeV/c]

0

2

4

6

8