

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 6.428 370



Pythia 6.428 391



Pythia 6.428 default



Pythia 8.209 default

LHCB\_2013\_I1218996

Ratio to LHCB

2

1

0.5

0

2

4

6

8

 $p_T$  [ $\text{GeV}/c$ ]Rivet 3.1.10,  $\geq 400\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5