

7000 GeV pp

Soft QCD

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

- LHCB
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

LHCB_2013_I1218996

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCB

2
1
0.52
1
0.5 $p_T [\text{GeV}/c]$

4

6

8