

$0 < p_T < 8 \text{ GeV}/c, 2 < y < 4.5$

LHCb  
 $\sqrt{s} = 13 \text{ TeV}$

FONLL



POWHEG+NNPDF3.0L (scaled)

arXiv:1506.08025



POWHEG+NNPDF3.0L (absolute)

arXiv:1506.08025



LHCb average



LHCb  $D^+$



LHCb  $D^0$



0 1000 2000 3000 4000  
 $\sigma(pp \rightarrow c\bar{c}X) [\mu\text{b}]$