

Supplementary material for LHCb-PAPER-2022-007

The double-differential cross-sections drawn in another format for the forward and backward rapidity regions are shown in Fig. 10 and Fig. 11 respectively.

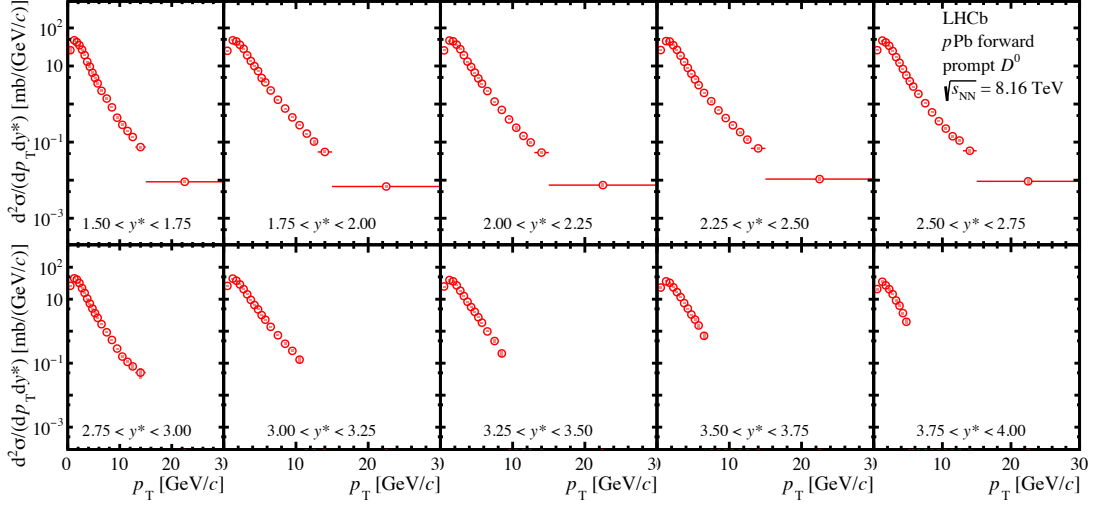


Figure 10: Double-differential cross-sections of prompt D^0 mesons in $p\text{Pb}$ collisions as a function of p_T in different y^* intervals in the forward regions for $1.5 < y^* < 4.0$. The uncertainties are too small to be visible in the figures.

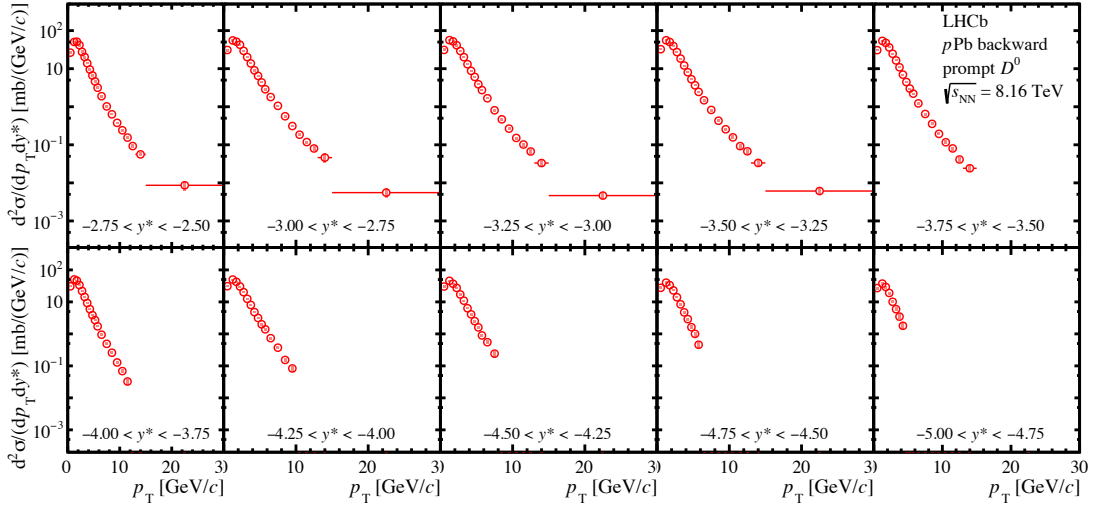


Figure 11: Double-differential cross-sections of prompt D^0 mesons in $p\text{Pb}$ collisions as a function of p_T in different y^* intervals in the backward regions for $-5.0 < y^* < -2.5$. The uncertainties are too small to be visible in the figures.