

Figure 1 – Thermoelectric power factor and optical transmittance for TiO₂:Nb thin films as a function of reactive oxygen flow during magnetron sputtering.

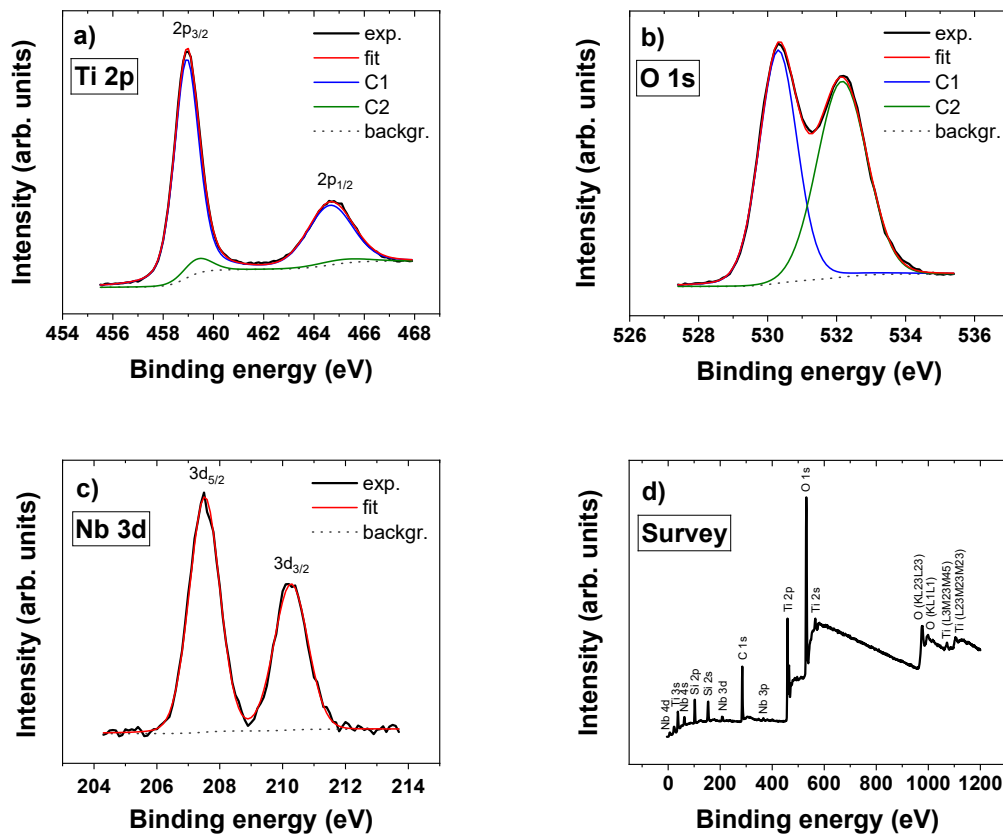


Figure 2 – XPS experimental (exp.) spectra and respective fits for the a) Ti 2p (fitted with 2 components, C1 and C2), b) O 1s (fitted with 2 components, C1 and C2) and c) Nb 3d core levels; in these plots the background (backgr.) is also shown. d) survey spectra.