Figure SI1. X-ray diffraction patterns of fungal Mn oxides compared with Ni-sorbed δ-MnO$_2$ (Grangeon et al. 2008). NidBi2-7 and NidBi177-7 contain respectively 0.1 and 0.2 “heavy” interlayer cations (Ni and Mn) at TC position. Solid arrows point out the intensity minimum appearing at ~47 °2θ when the amount of interlayer Me cations at TC position increases from 0.1 to 0.2 per layer octahedron. When this number exceeds 0.2, a shoulder appears at ~42 °2θ (dashed arrow).