

Supporting Information

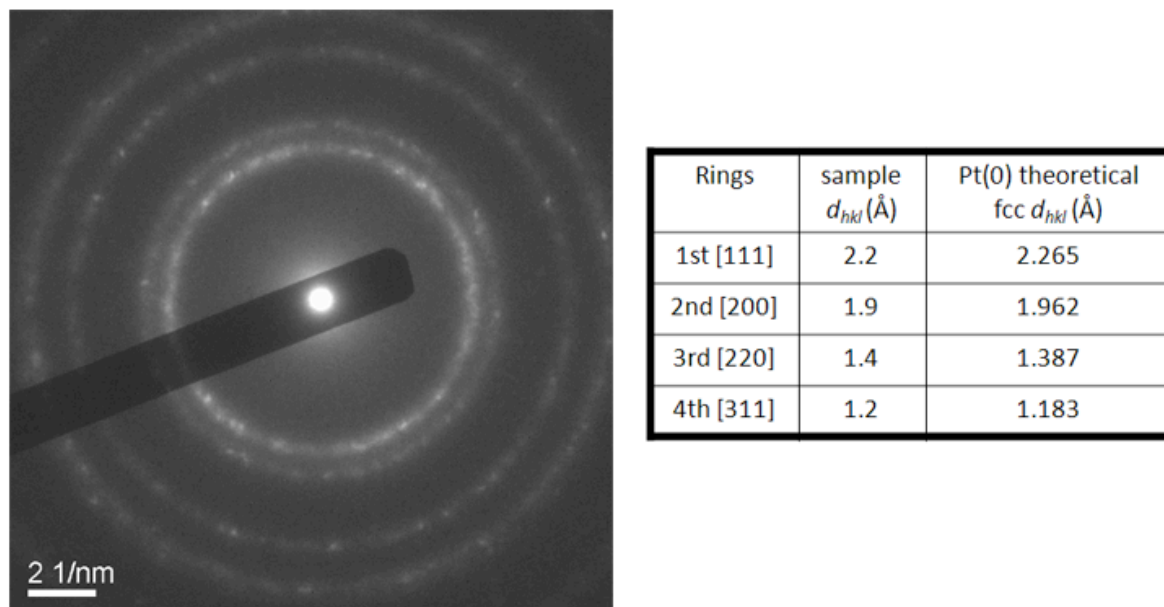


Figure S1. Electron diffraction performed on a HREM image of Pt superstructures obtained for the molar ratio $L2/Pt = 2.8$ ($Pt5[L2]H_2$).

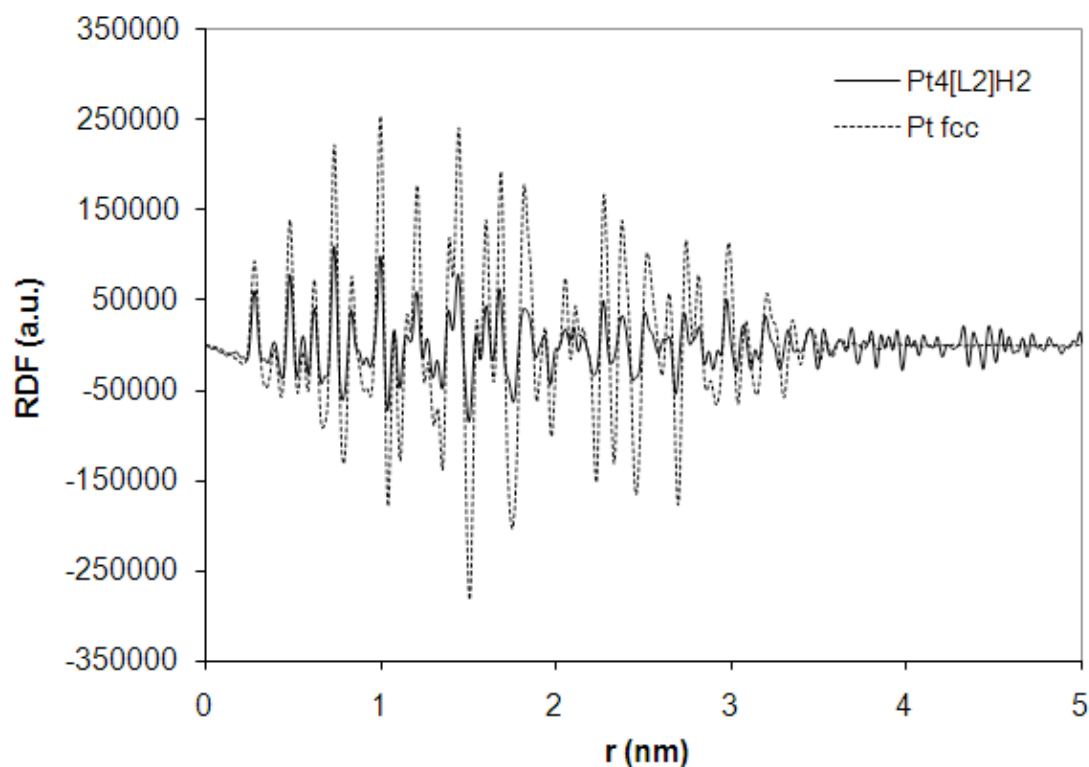


Figure S2. WAXS analysis carried out on Pt nanomaterial obtained for the molar ratio $L2/Pt = 1.4$ ($Pt4[L2]H_2$).