Figure S1. Residuals plot for the adsorption isotherms reported in Figure 4, fitted by using the Langmuir and the Freundlich models.
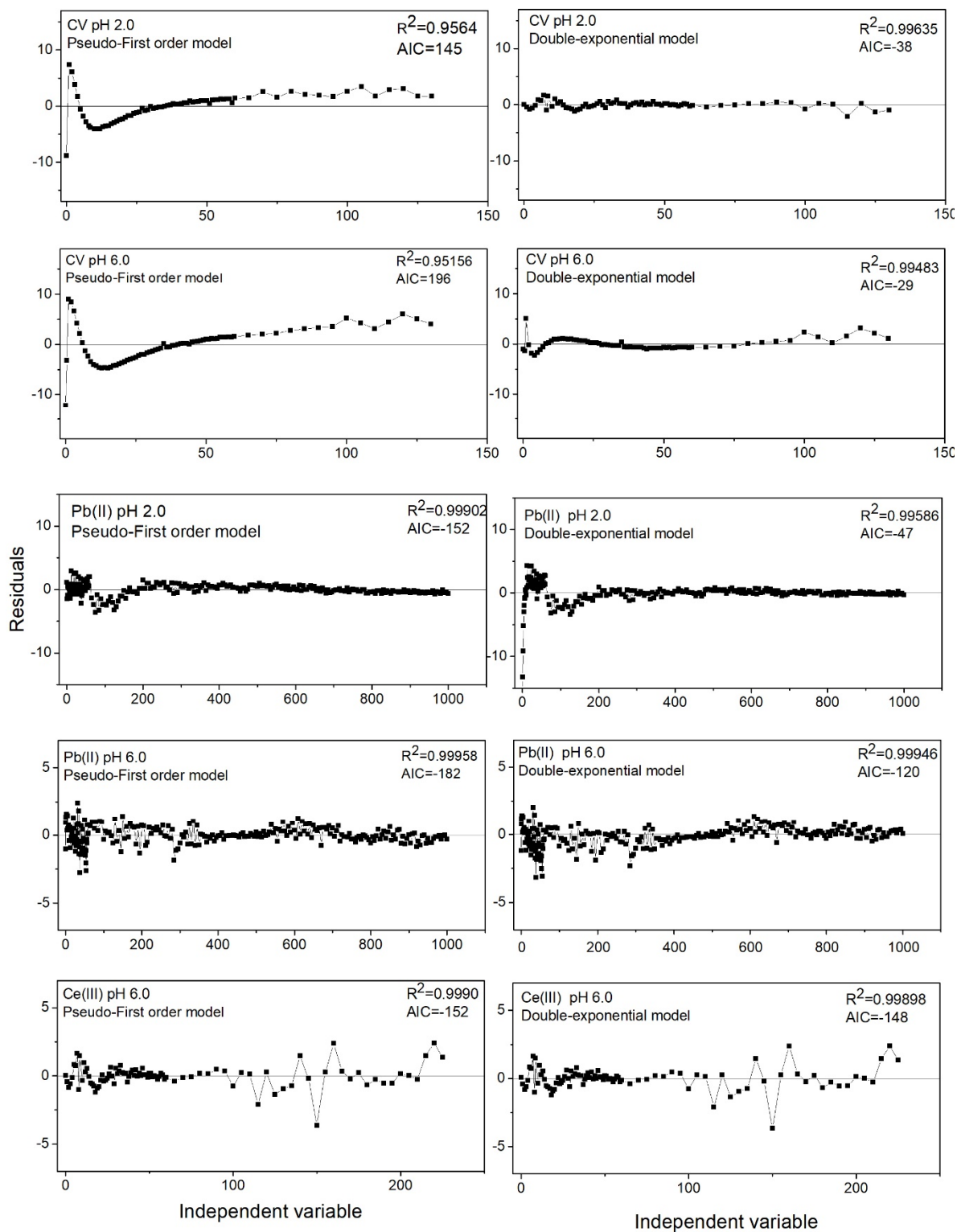
Figure S2. Residuals plot for the kinetic profiles reported in Figure 6 fitted by Pseudo-first order and Double Exponential Models.