TERNARY SURFACE COMPLEX: COADSORPTION OF Cu(II), Zn(II), Cd(II) AND NITRILOTRIS(METHYLENE PHOSPHONIC) ACID ONTO BOEHMITE

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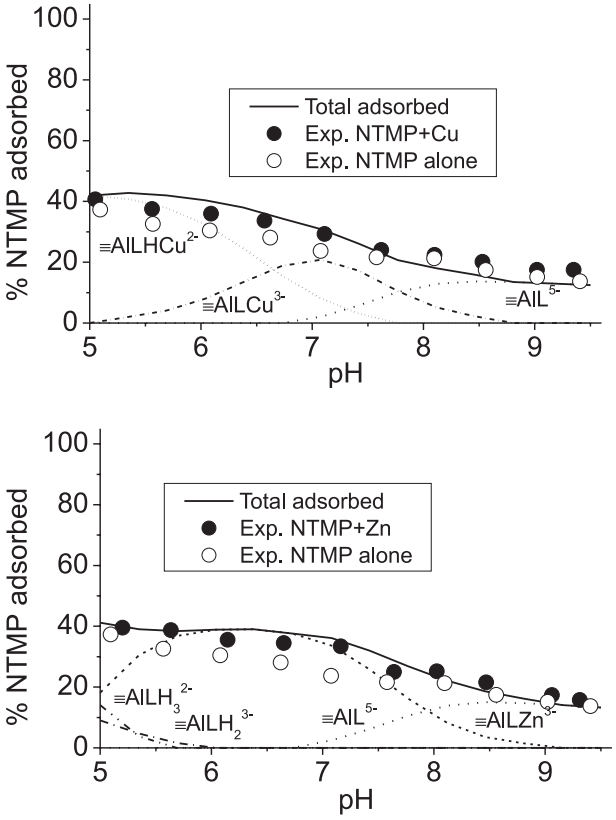

Figura 1S. *Percentage NTMP 5 x 10^{-4} M adsorbed vs. pH in the presence of Cu(II) and Zn(II) 5 x 10^{-4} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$*

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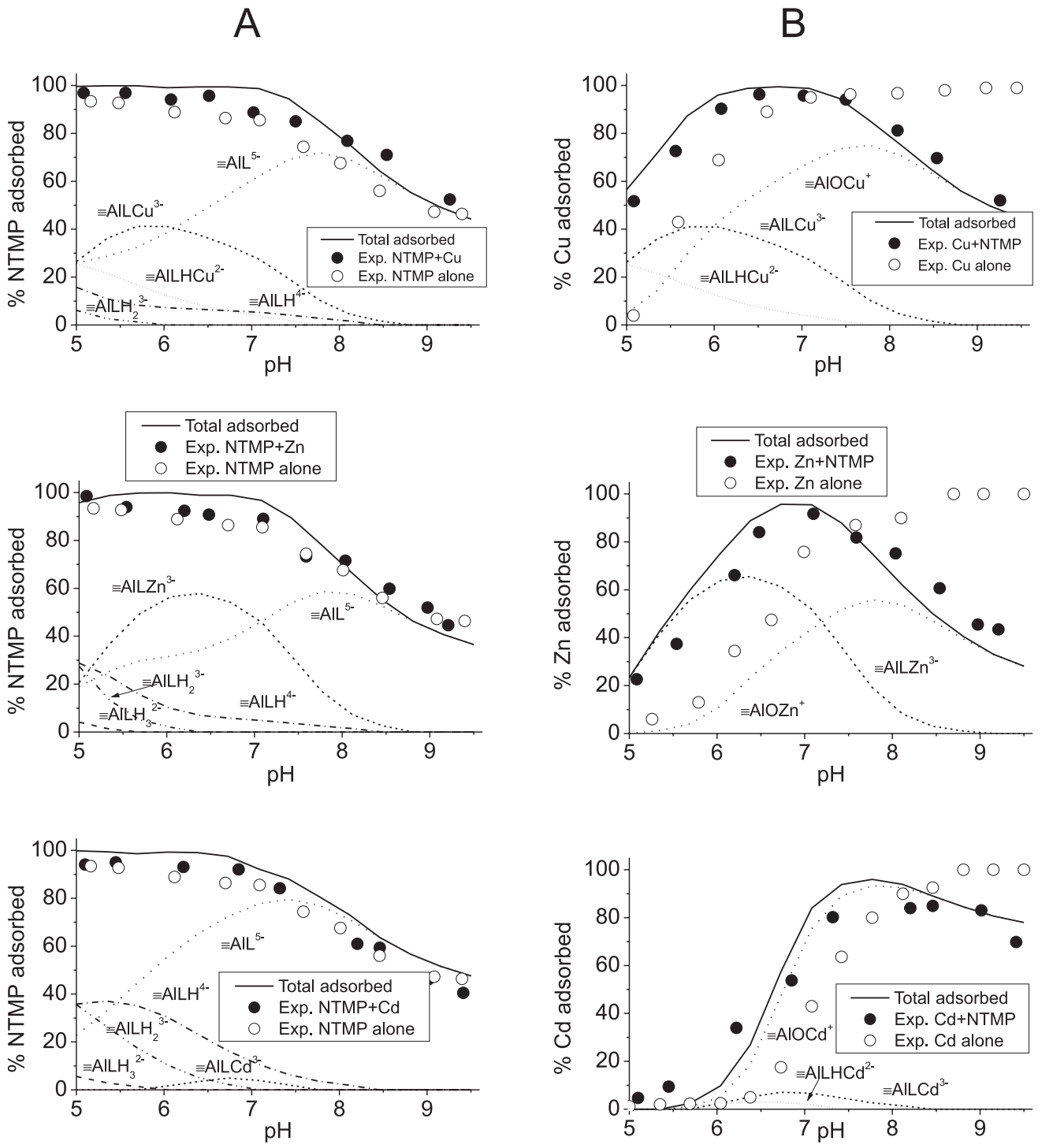

Figura 2S. *A. Percentage NTMP 1 x 10^{-4} M adsorbed vs. pH in the presence of Cu(II), Zn(II) and Cd(II) 1 x 10^{-4} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$. B. Percentage Cu(II), Zn(II) and Cd(II) 1 x 10^{-4} M adsorbed vs. pH in the presence of NTMP 1 x 10^{-4} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$*

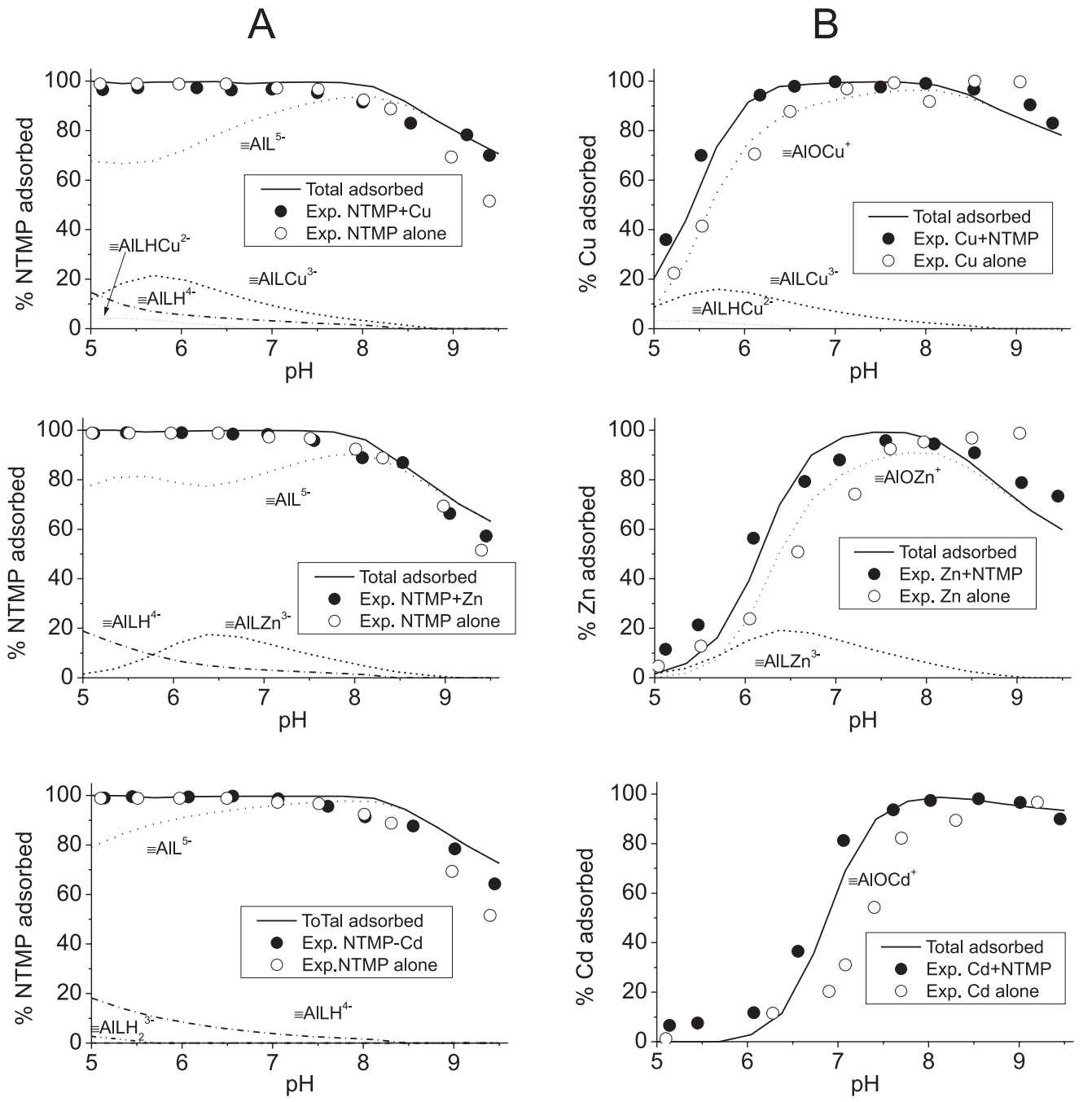

Figura 3S. *A. Percentage NTMP 5 x 10^{-5} M adsorbed vs. pH in the presence of Cu(II), Zn(II) and Cd(II) 5 x 10^{-5} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$. B. Percentage Cu(II), Zn(II) and Cd(II) 5 x 10^{-5} M adsorbed vs. pH in the presence of NTMP 5 x 10^{-5} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$*

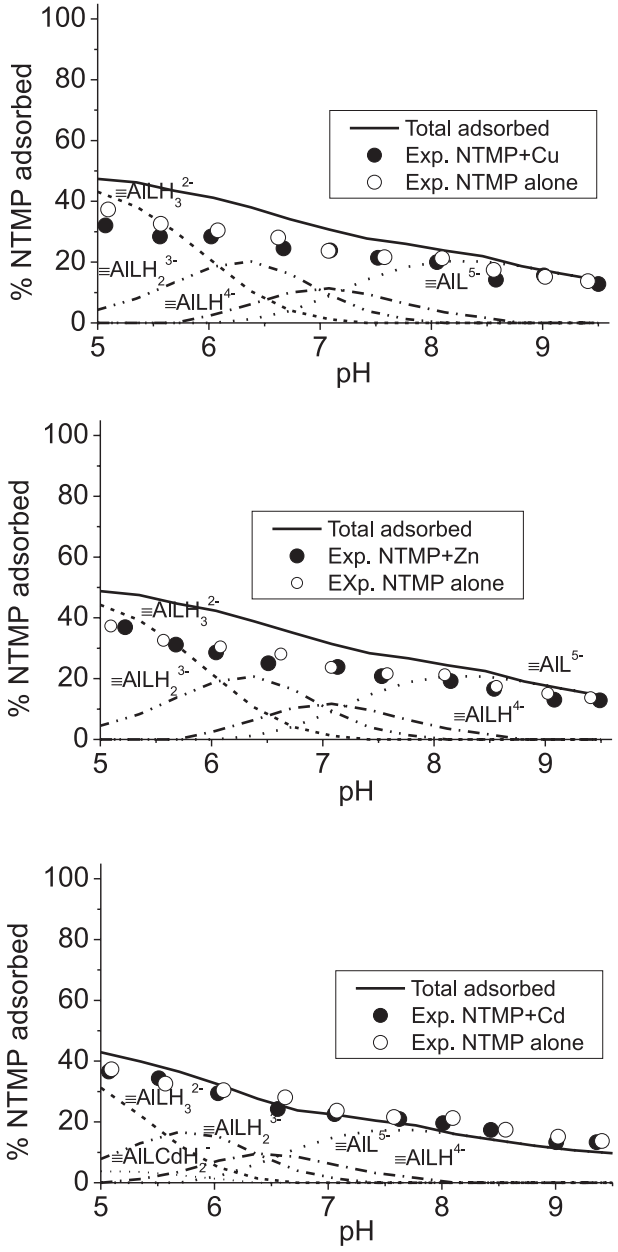

Figura 4S. *Percentage NTMP 5 x 10^{-4} M adsorbed vs. pH in the presence of Cu(II), Zn(II) and Cd(II) 1 x 10^{-4} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$*

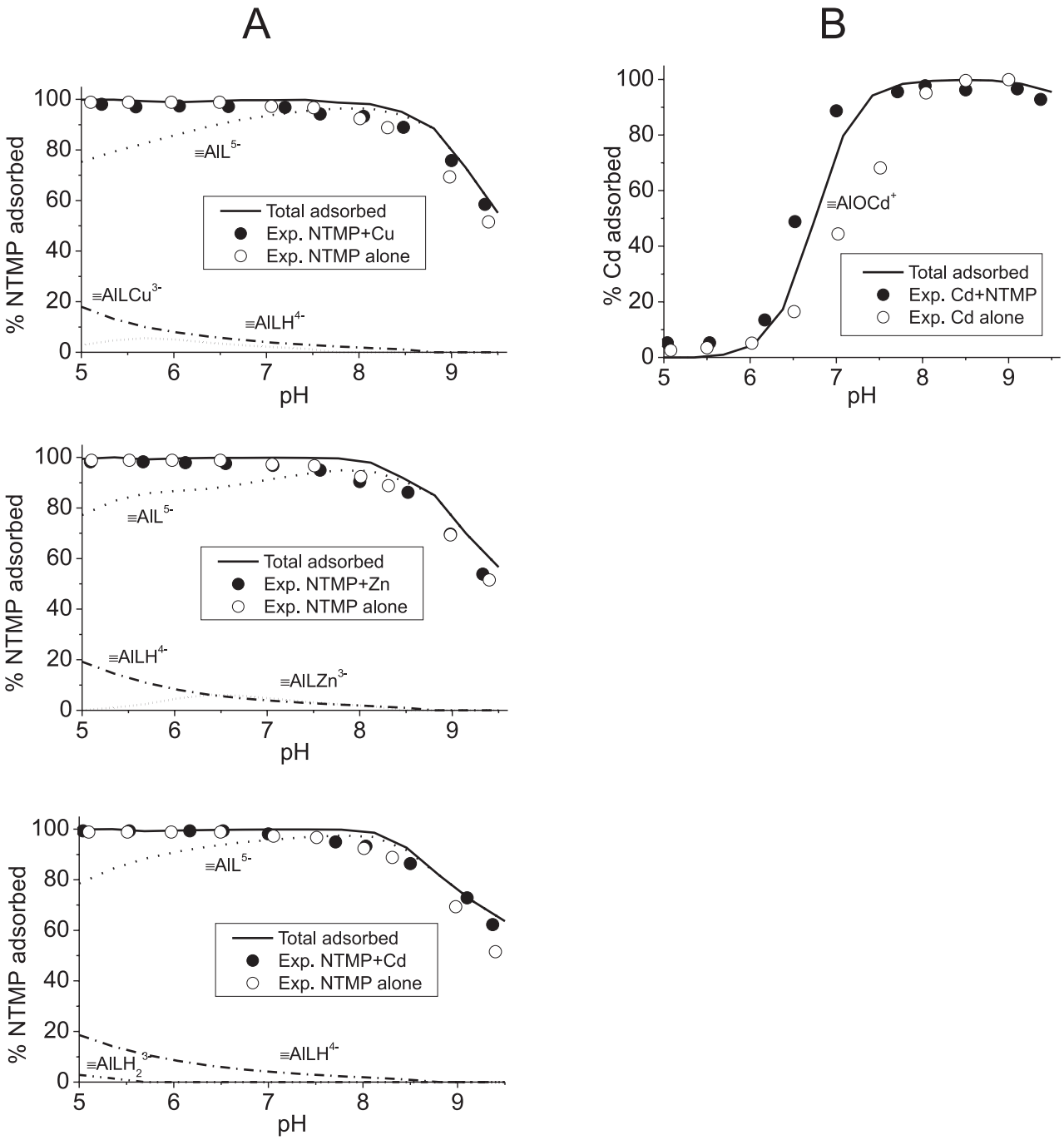

Figura 5S. *A. Percentage NTMP 5 x 10^{-5} M adsorbed vs. pH in the presence of Cu(II), Zn(II) and Cd(II) 1 x 10^{-5} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$. B. Percentage Cd(II) 1 x 10^{-5} M adsorbed vs. pH in the presence of NTMP 5 x 10^{-5} M. The curves are calculated using the constants from Table 1. Conditions: 1 g/L boehmite, 0.1 M $NaNO_3$*