Inorganic Chemistry
Additions and Corrections

Comparative Study of Uranyl(VI) and -(V) Carbonato Complexes in an Aqueous Solution [*Inorg. Chem.* **2007,** *46*, 4212. DOI: 10.1021/ic070051y]. Atsushi Ikeda,* Christoph Hennig, Satoru Tsushima, Koichiro Takao, Yasuhisa Ikeda, Andreas C. Scheinost, and Gert Bernhard

Page 4219. In this paper, we presented uranium L_I- and L_{III}-edges XANES spectra for uranyl(VI) and -(V) tricarbonato complexes in an aqueous solution, together with the energy values of their absorption edges and main oscillation peaks. However, we found that some of the energy values for the L_{III}-edge spectra were incorrect because the wrong procedure was used for the energy correction and definition of $E_{k=0}$ values. The correct energy values and graph are given below. Note that this change has no influence on the conclusion of the paper.

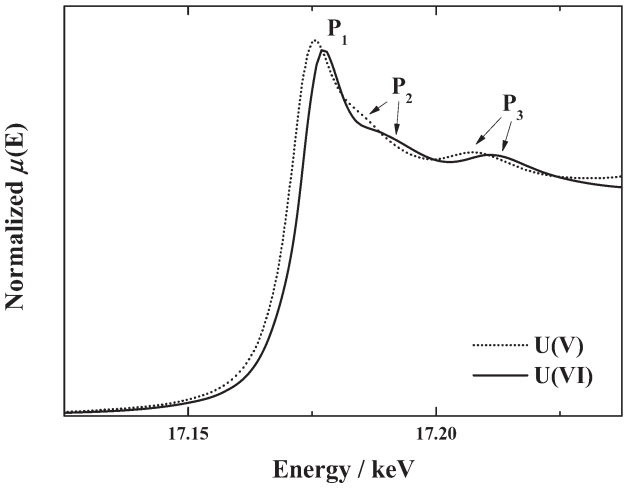

Figure 6. Uranium L_{III}-edge XANES spectra for uranyl(VI) and -(V) tricarbonato complexes.

Table 4. Summary of Uranium L_{III}-Edge XANES Spectra for Uranyl(VI) and -(V) Tricarbonato Complexes

	absorption edge/eV	P_1/eV	P_2/eV	P_3/eV
uranyl(V)	17171.2	17175.7	17184.0	17207.7
uranyl(VI)	17173.3	17177.5	17193.2	17211.1

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