

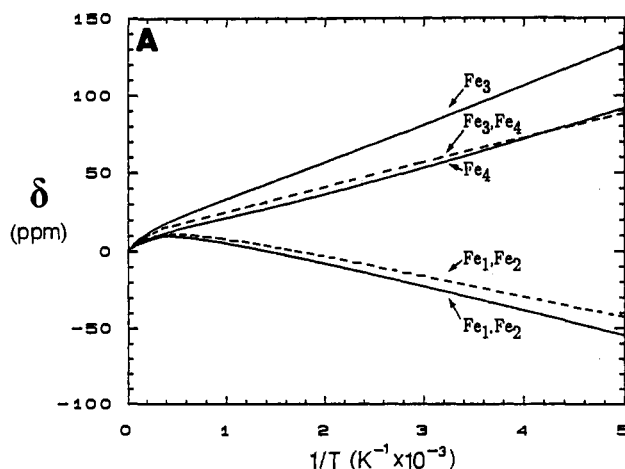
**Acknowledgment.** We thank the Department of Energy for financial support of this work. Special thanks are also extended

to Scott E. Carver for scaling up the one-step synthesis of fluoranthenedicarboxylic ester **2**.

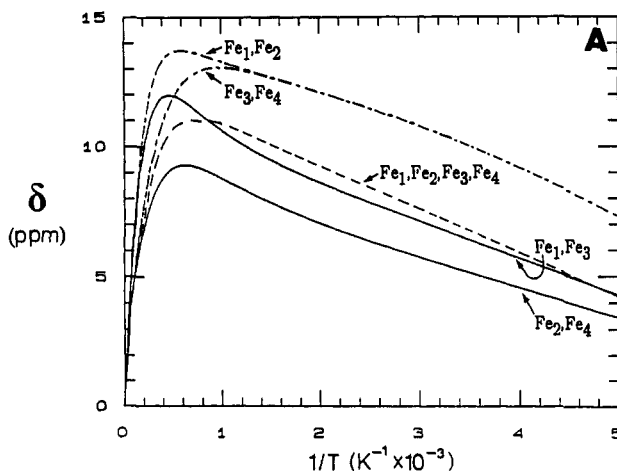
## Additions and Corrections

**<sup>1</sup>H NMR Spectroscopy and the Electronic Structure of the High Potential Iron-Sulfur Protein from *Chromatium vinosum*** [*J. Am. Chem. Soc.* **1991**, *113*, 1237-1245]. IVANO BERTINI,\* FABRIZIO BRIGANTI, CLAUDIO LUCHINAT, ANDREA SCOZZAFAVA, and MARCO SOLA

Pages 1243 and 1244: Figures 6A and 8A were printed incorrectly. The corrected figures and captions are given below.



**Figure 6.** (A) Temperature dependence of the <sup>1</sup>H NMR isotropic shifts of oxidized HiPIP calculated by using eq 8 with  $J = 300 \text{ cm}^{-1}$ ,  $\Delta J_{12} = 100 \text{ cm}^{-1}$ ,  $\Delta J_{34} = -100 \text{ cm}^{-1}$ , and  $B_{34} = 0 \text{ cm}^{-1}$  (—), or  $J = 300 \text{ cm}^{-1}$ ,  $\Delta J_{12} = 70 \text{ cm}^{-1}$ ,  $\Delta J_{34} = 0 \text{ cm}^{-1}$ , and  $B_{34} = 300 \text{ cm}^{-1}$  (---) ( $\text{Fe}_1 = \text{Fe}_2 = \text{Fe}_3 = \text{Fe(III)}$  and  $\text{Fe}_4 = \text{Fe(II)}$ ,  $S_{12} = 4$ ,  $S_{34} = 9/2$  ground state).



**Figure 8.** (A) Temperature dependence of the <sup>1</sup>H NMR isotropic shifts of reduced HiPIP calculated by using eq 8 with  $J = 400 \text{ cm}^{-1}$ ,  $\Delta J_{12} = \Delta J_{34} = -200 \text{ cm}^{-1}$ , and  $B_{12} = B_{34} = 0 \text{ cm}^{-1}$  (—), or  $J = 400 \text{ cm}^{-1}$ ,  $\Delta J_{12} = \Delta J_{34} = 0 \text{ cm}^{-1}$ , and  $B_{12} = B_{34} = 400 \text{ cm}^{-1}$  (---) ( $\text{Fe}_1 = \text{Fe}_3 = \text{Fe(III)}$  and  $\text{Fe}_2 = \text{Fe}_4 = \text{Fe(II)}$ ,  $S_{12} = S_{34} = 9/2$  ground state), or  $J = 200 \text{ cm}^{-1}$ ,  $\Delta J_{12} = \Delta J_{34} = 200 \text{ cm}^{-1}$ , and  $B_{12} = B_{34} = 0 \text{ cm}^{-1}$  (—) ( $\text{Fe}_1 = \text{Fe}_2 = \text{Fe(III)}$  and  $\text{Fe}_3 = \text{Fe}_4 = \text{Fe(II)}$ ,  $S_{12} = S_{34} = 0$  ground state). For each choice of parameters the upper curve corresponds to Fe(III) whereas the lower curve corresponds to Fe(II).