Iron Carbide Nanoplatelet: Colloidal Synthesis and Characterization

Frank M. Abel, Shirin Pourmiri, Georgia Basina, Vasileios Tzitzios, Eamonn Devlin, and George C. Hadjipanayis

**Figure S1.** Mössbauer spectroscopy performed at 4.2 K of sample synthesized at 300 °C for 1 hour followed 340 °C for 2 hours, showing a mixture of iron carbide phases and a small percentage of iron oxides.