

Supplementary Materials

The Challenge of Achieving a High Density of Fe-Based Active Sites in a Highly Graphitic Carbon Matrix

Jingkun Li^{1,*}, Qingying Jia², Sanjeev Mukerjee², Moulay-Tahar Sougrati¹, Goran Drazic³, Andrea Zitolo⁴ and Frédéric Jaouen^{1,*}

¹ Institut Charles Gerhardt Montpellier, UMR 5253, CNRS, Université Montpellier, ENSCM, Place Eugène Bataillon, 34095 Montpellier cedex 5, France; moulay-tahar.sougrati@umontpellier.fr

² Department of Chemistry and Chemical Biology, Northeastern University, Boston, Massachusetts, 02115, USA; Q.Jia@northeastern.edu (Q.J.); s.mukerjee@northeastern.edu (S.M.)

³ Department of Materials Chemistry, National Institute of Chemistry, 1000 Ljubljana, Slovenia; goran.drazic@ki.si

⁴ Synchrotron SOLEIL, L'orme des Merisiers, BP 48 Saint Aubin, 91192 Gif-sur-Yvette, France; andrea.zitolo@synchrotron-soleil.fr

* Correspondence: frederic.jaouen@umontpellier.fr (F.J.); jingkun.li@umontpellier.fr (J.L.)

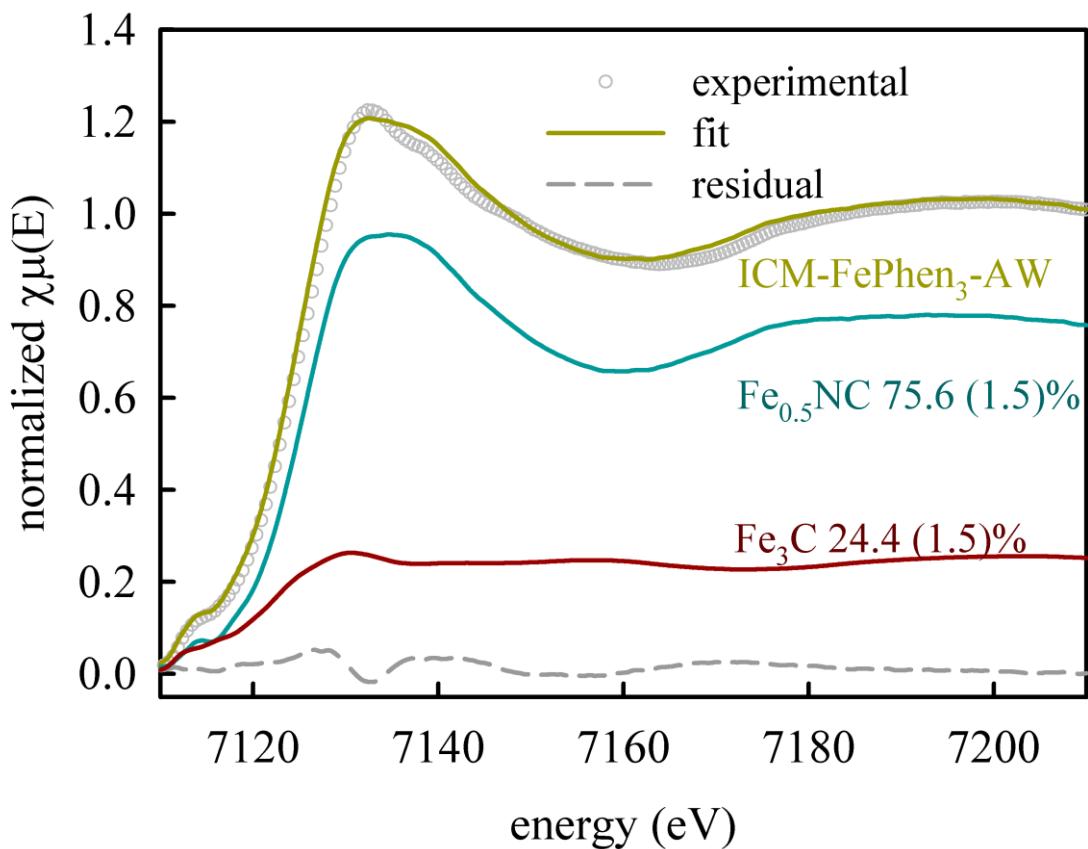


Figure S1. Linear combination fitting of the Fe k-edge XANES spectra of ICM-FePhen₃-AW with Fe₃C and Fe_{0.5}NC as references.