

Supporting Information

Composition and Size Tailored Synthesis of Iron Selenide Nanoflakes

Liqiao Chen,^{a,b} Hongquan Zhan,^a Xianfeng Yang,^a Zhaoyong Sun,^b Jun Zhang,^b Dan Xu,^b Chaolun Liang,^a Mingmei Wu^{*a} and Jiye Fang^{*b}

^a*MOE Key Laboratory of Bioinorganic and Synthetic Chemistry / State Key Laboratory of Optoelectronic Materials and Technology, School of Chemistry and Chemical Engineering, Instrumental Analysis and Research Centre, Sun Yat-Sen (Zhongshan) University, Guangzhou, 510275 (P. R. China). Fax: 86-20-84111038; Tel: 86-20-84111823; E-mail:ceswmm@mail.sysu.edu.cn*

^b*Department of Chemistry, State University of New York at Binghamton, Binghamton, New York 13902 (U.S.A). Fax: 1-607- 7774478; Tel: 1-607 7773752. E-mail: jfang@binghamton.edu*

* To whom correspondence should be addressed.

E-mail: ceswmm@mail.sysu.edu.cn

E-mail: jfang@binghamton.edu

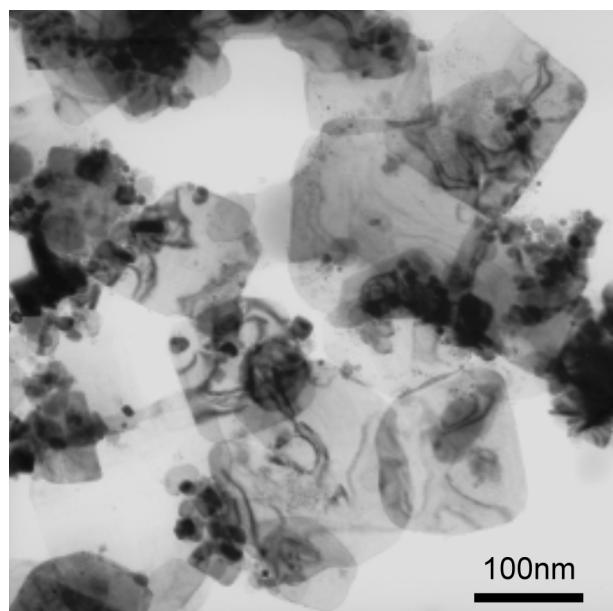


Figure S1. TEM image of the sample grown from the typical feedstock (Fig. 2) but without any presence of oleic acid.

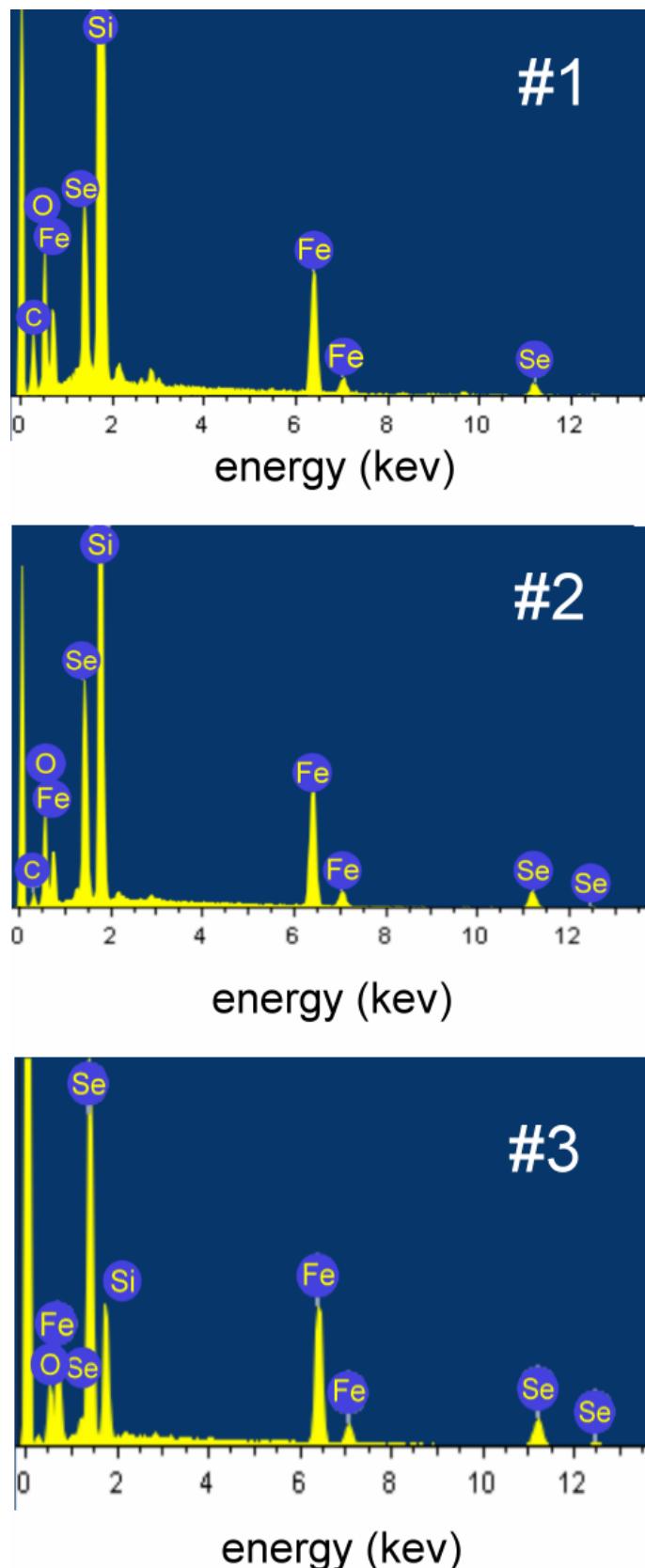


Figure S2. EDS for samples #1 (0.07g TDD), #2 (0.1g TDD), #3 (0.14g TDD) corresponding to Figure 6.