

Preparation of rutile reference materials for *in-situ* elemental and

Hf-Ti isotopic microanalysis using Spark Plasma Sintering

Hong Liu,^a XianLi Zeng,^a Tao Luo,^{*a} Liyuan Qing,^a Lingyi Huang,^a Wen

Zhang,^a Ming Li,^a Zhenli Zhu^b and Zhaochu Hu^a

a State Key Laboratory of Geological Processes and Mineral Resources, China

University of Geosciences, Wuhan 430075, PR China

b State Key Laboratory of Biogeology and Environmental Geology, China University

of Geosciences, Wuhan 430075, PR China

E-mail: luotao11@cug.edu.cn

*: Corresponding author

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Supplementary Figures, including Fig. S1, Fig. S2, and Fig. S3

Figure captions

Fig. S1. Photographs of the initial rutile crystals.

Fig. S2. Photographs of (a) initial crystal, (b) pressed powder pellet, and (c) sintering-synthesized pellet of rutile RGPMR.

Fig. S3. Back-Scattered Electron (BSE) images of the three sample types of rutile RGPMR ablated using both nanosecond and femtosecond laser ablation.

Fig. S1



Fig. S2

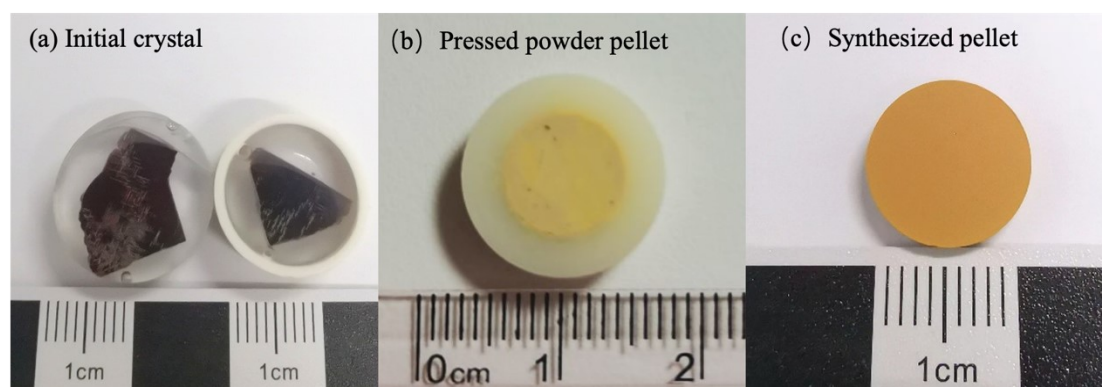


Fig. S3

