## Accepted Manuscript

Experimentally Determined Effects of Olivine Crystallization and Melt Titanium Content on Iron Isotopic Fractionation in Planetary Basalts

Kelsey B. Prissel, Michael J. Krawczynski, Nicole X. Nie, Nicolas Dauphas, Hélène Couvy, Michael Y. Hu, E. Ercan Alp, Mathieu Roskosz

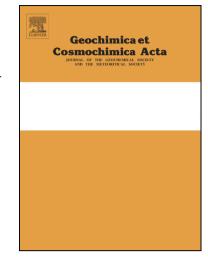
PII: S0016-7037(18)30414-9

DOI: https://doi.org/10.1016/j.gca.2018.07.028

Reference: GCA 10859

To appear in: Geochimica et Cosmochimica Acta

Received Date: 20 March 2018 Revised Date: 19 July 2018 Accepted Date: 22 July 2018



Please cite this article as: Prissel, K.B., Krawczynski, M.J., Nie, N.X., Dauphas, N., Couvy, H., Hu, M.Y., Ercan Alp, E., Roskosz, M., Experimentally Determined Effects of Olivine Crystallization and Melt Titanium Content on Iron Isotopic Fractionation in Planetary Basalts, *Geochimica et Cosmochimica Acta* (2018), doi: https://doi.org/10.1016/j.gca.2018.07.028

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **ACCEPTED MANUSCRIPT**

**Experimentally Determined Effects of Olivine Crystallization and Melt Titanium Content** on Iron Isotopic Fractionation in Planetary Basalts

Kelsey B. Prissel <sup>a</sup>, Michael J. Krawczynski <sup>a</sup>, Nicole X. Nie <sup>b</sup>, Nicolas Dauphas <sup>b</sup>, Hélène Couvy <sup>a</sup>, Michael Y. Hu <sup>c</sup>, E. Ercan Alp <sup>c</sup>, Mathieu Roskosz <sup>d</sup>

<sup>a</sup> McDonnell Center for the Space Sciences and Department of Earth and Planetary Sciences, Washington University in St. Louis, 1 Brookings Drive, St. Louis, MO 63123.

<sup>b</sup> Origins Laboratory, Department of the Geophysical Sciences and Enrico Fermi Institute, The University of Chicago, 5734 South Ellis Avenue, Chicago, IL 60637.

<sup>c</sup> Advanced Photon Source, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439

<sup>d</sup> IMPMC, CNRS UMR 7590, Sorbonne Universités, Université Pierre et Marie Curie, IRD, Muséum National d'Histoire Naturelle, CP 52, 57 rue Cuvier, Paris F-75231, France

Corresponding author: Kelsey B. Prissel,  $\underline{\text{k.b.williams@wustl.edu}}$ 

## Download English Version:

## https://daneshyari.com/en/article/8910618

Download Persian Version:

https://daneshyari.com/article/8910618

<u>Daneshyari.com</u>