

Accepted Manuscript

Kinetic D/H fractionation during hydration and dehydration of silicate glasses, melts and nominally anhydrous minerals

M. Roskosz, E. Deloule, J. Ingrin, C. Depecker, D. Laporte, S. Merkel, L. Remusat, H. Leroux

PII: S0016-7037(18)30245-X
DOI: <https://doi.org/10.1016/j.gca.2018.04.027>
Reference: GCA 10748

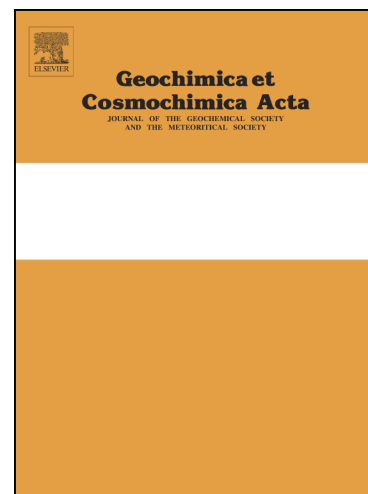
To appear in: *Geochimica et Cosmochimica Acta*

Received Date: 12 September 2017

Accepted Date: 27 April 2018

Please cite this article as: Roskosz, M., Deloule, E., Ingrin, J., Depecker, C., Laporte, D., Merkel, S., Remusat, L., Leroux, H., Kinetic D/H fractionation during hydration and dehydration of silicate glasses, melts and nominally anhydrous minerals, *Geochimica et Cosmochimica Acta* (2018), doi: <https://doi.org/10.1016/j.gca.2018.04.027>

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.



Kinetic D/H fractionation during hydration and dehydration of silicate glasses, melts and nominally anhydrous minerals

M. Roskosz^{1, 2*}, E. Deloule³, J. Ingrin², C. Depecker², D. Laporte⁴, S. Merkel², L. Remusat¹ and H. Leroux²

1 Muséum National d'Histoire Naturelle, Sorbonne Université, UMR CNRS 7590, IRD, Institut de Minéralogie, de Physique des Matériaux et de Cosmochimie, 75005 Paris, France

2 Unité Matériaux et Transformations, Université Lille 1, CNRS UMR 8207, Bâtiment C6, 59655 Villeneuve d'Ascq, France

3 CRPG, CNRS, Université de Lorraine, UMR 7358, Vandoeuvre les Nancy, F-54501, France

4 Laboratoire Magmas & Volcans, Université Clermont Auvergne - CNRS - IRD, OPGC, 6 Avenue Blaise Pascal, 63178 Aubière Cedex, France.

*Corresponding author: mathieu.roskosz@mnhn.fr

To be submitted to Geochimica et Cosmochimica Acta

Download English Version:

<https://daneshyari.com/en/article/8910707>

Download Persian Version:

<https://daneshyari.com/article/8910707>

[Daneshyari.com](https://daneshyari.com)