Accepted Manuscript

Magnesium isotopic composition of oceanic mantle and oceanic Mg cycling

Ping-Ping Liu, Fang-Zhen Teng, Henry J.B. Dick, Mei-Fu Zhou, Sun-Lin Chung

PII: S0016-7037(17)30106-0

DOI: http://dx.doi.org/10.1016/j.gca.2017.02.016

Reference: GCA 10163

To appear in: Geochimica et Cosmochimica Acta

Received Date: 9 August 2016 Revised Date: 30 January 2017 Accepted Date: 16 February 2017



Please cite this article as: Liu, P-P., Teng, F-Z., Dick, H.J.B., Zhou, M-F., Chung, S-L., Magnesium isotopic composition of oceanic mantle and oceanic Mg cycling, *Geochimica et Cosmochimica Acta* (2017), doi: http://dx.doi.org/10.1016/j.gca.2017.02.016

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

1	Magnesium isotopic composition of oceanic mantle and
2	oceanic Mg cycling
3	
4	Ping-Ping Liu ^{a,b,c*} , Fang-Zhen Teng ^{d*} , Henry J. B. Dick ^e , Mei-Fu Zhou ^f , Sun-Lin
5	Chung ^c
6	
7	^a Key Laboratory of Orogenic Belts and Crustal Evolution, Peking University, Beijing
8 9	100871, China b State Key Laboratory of Lithospheric Evolution, Institute of Geology and Geophysics,
10	Chinese Academy of Sciences, Beijing 100029, China
11	^c Institute of Earth Sciences, Academia Sinica, Taipei, Taiwan
12	d Isotope Laboratory, Department of Earth and Space Sciences, University of Washington,
13	Seattle, WA, 98195, USA
14	^e Department of Geology and Geophysics, Woods Hole Oceanographic Institution, Woods
15	Hole, Massachusetts 02543, USA
16	^f Department of Earth Sciences, the University of Hong Kong, Pokfulam Road, Hong Kong
17	
18	(Revised Version)
19	
20	(5669 words for the main text)
21	*Corresponding author:
22	Ping-Ping Liu
23	Current address: Institute of Earth Sciences, Academia Sinica, 128, Sec. 2, Academia
24	Road, Nangang, Taipei 11529, Taiwan
25	Email: liupingping11@live.cn
26	Fang-Zhen Teng
27	Address: Isotope Laboratory, Department of Earth and Space Sciences, University of
28	Washington, Seattle, WA98195, USA
29	Email: fteng@u.washington.edu

Download English Version:

https://daneshyari.com/en/article/5783417

Download Persian Version:

https://daneshyari.com/article/5783417

<u>Daneshyari.com</u>