Accepted Manuscript

Research paper

Dynamic Evolutions of Electron Properties: A Theoretical Study for Condensed-Phase β-HMX under Shock Loading

Zheng-Hua He, Jun Chen, Qiang Wu, Guang-Fu Ji

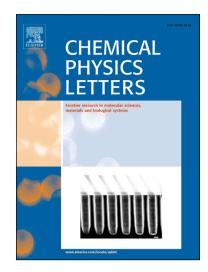
PII: S0009-2614(17)30821-7

DOI: http://dx.doi.org/10.1016/j.cplett.2017.08.055

Reference: CPLETT 35065

To appear in: Chemical Physics Letters

Received Date: 21 June 2017 Accepted Date: 26 August 2017



Please cite this article as: Z-H. He, J. Chen, Q. Wu, G-F. Ji, Dynamic Evolutions of Electron Properties: A Theoretical Study for Condensed-Phase β -HMX under Shock Loading, *Chemical Physics Letters* (2017), doi: http://dx.doi.org/10.1016/j.cplett.2017.08.055

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

Dynamic Evolutions of Electron Properties: A Theoretical Study for Condensed-Phase β-HMX under Shock Loading

Zheng-Hua He^{a,b}, Jun Chen^{*,b,c}, Qiang Wu^{*,a}, Guang-Fu Ji^a

^aNational Key Laboratory of Shock Wave and Detonation Physics, Institute of Fluid Physics, China Academy of Engineering Physics, Mianyang 621999, Sichuan, China.

^bNational Key Laboratory of Computational Physics, Institute of Applied Physics and Computational Mathematics, Beijing 100088, China.

^cCenter for Applied Physics and Technology, Peking University, Beijing 100871, China.

Corresponding author:

Jun Chen

No.6, Hua-Yuan Road, Hai-Dian district, Beijing, 100088, China.

Email: jun_chen@iapcm.ac.cn Telephone: 0086-010-61935175

Qiang Wu

No.64, Mian-Shan Road, Mianyang, 621900, Sichuan, China.

Email: wuqianglsd@163.com Telephone: 0086-0816-2491024

Download English Version:

https://daneshyari.com/en/article/5377477

Download Persian Version:

https://daneshyari.com/article/5377477

<u>Daneshyari.com</u>