Accepted Manuscript

High-throughput estimation of planar fault energies in A₃B compounds with L1₂ structure

K.V. Vamsi, S. Karthikeyan

PII: \$1359-6454(17)30887-X

DOI: 10.1016/j.actamat.2017.10.029

Reference: AM 14128

To appear in: Acta Materialia

Received Date: 4 May 2017

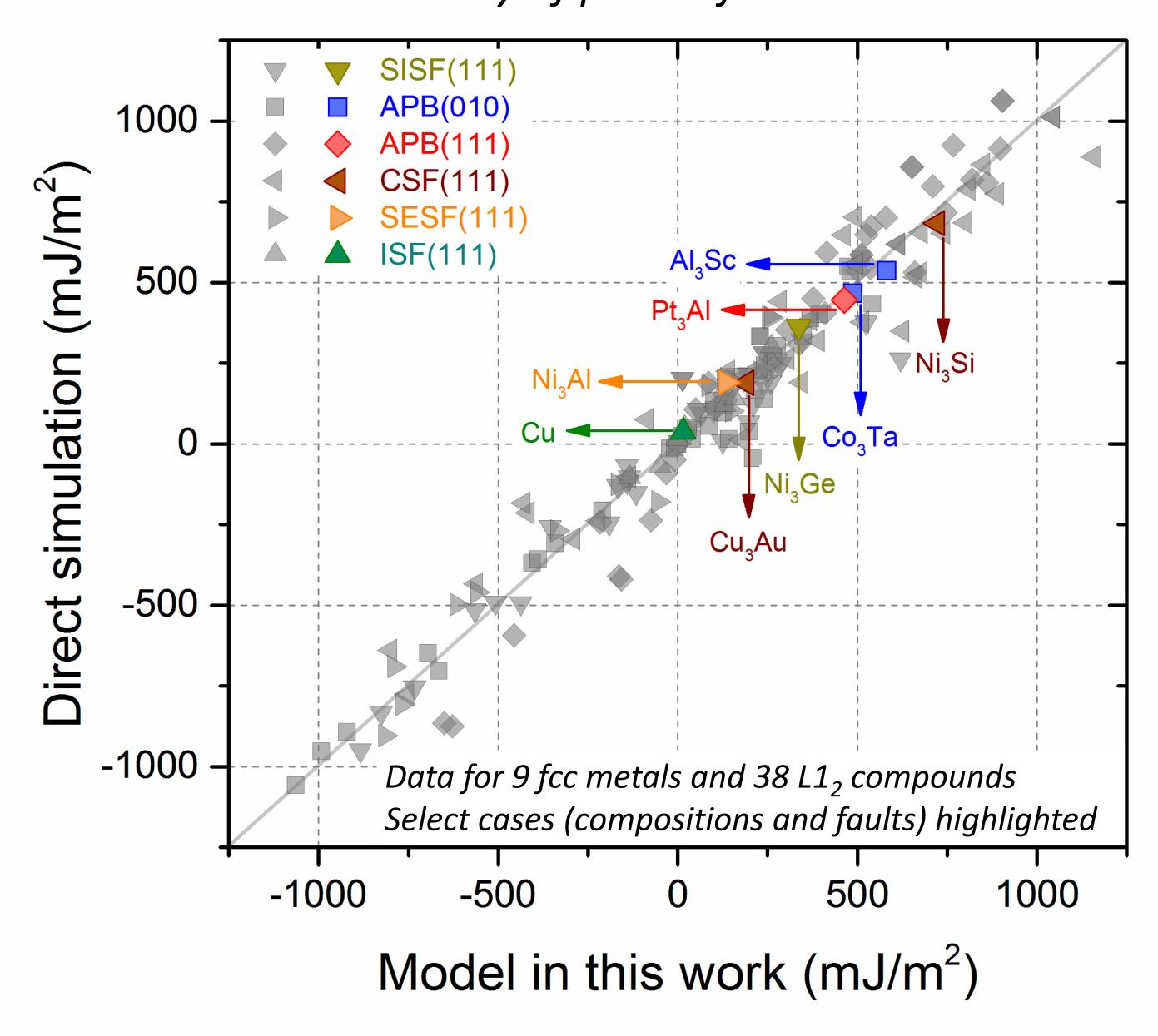
Revised Date: 9 September 2017 Accepted Date: 12 October 2017

Please cite this article as: K.V. Vamsi, S. Karthikeyan, High-throughput estimation of planar fault energies in A₃B compounds with L1₂ structure, *Acta Materialia* (2017), doi: 10.1016/j.actamat.2017.10.029.

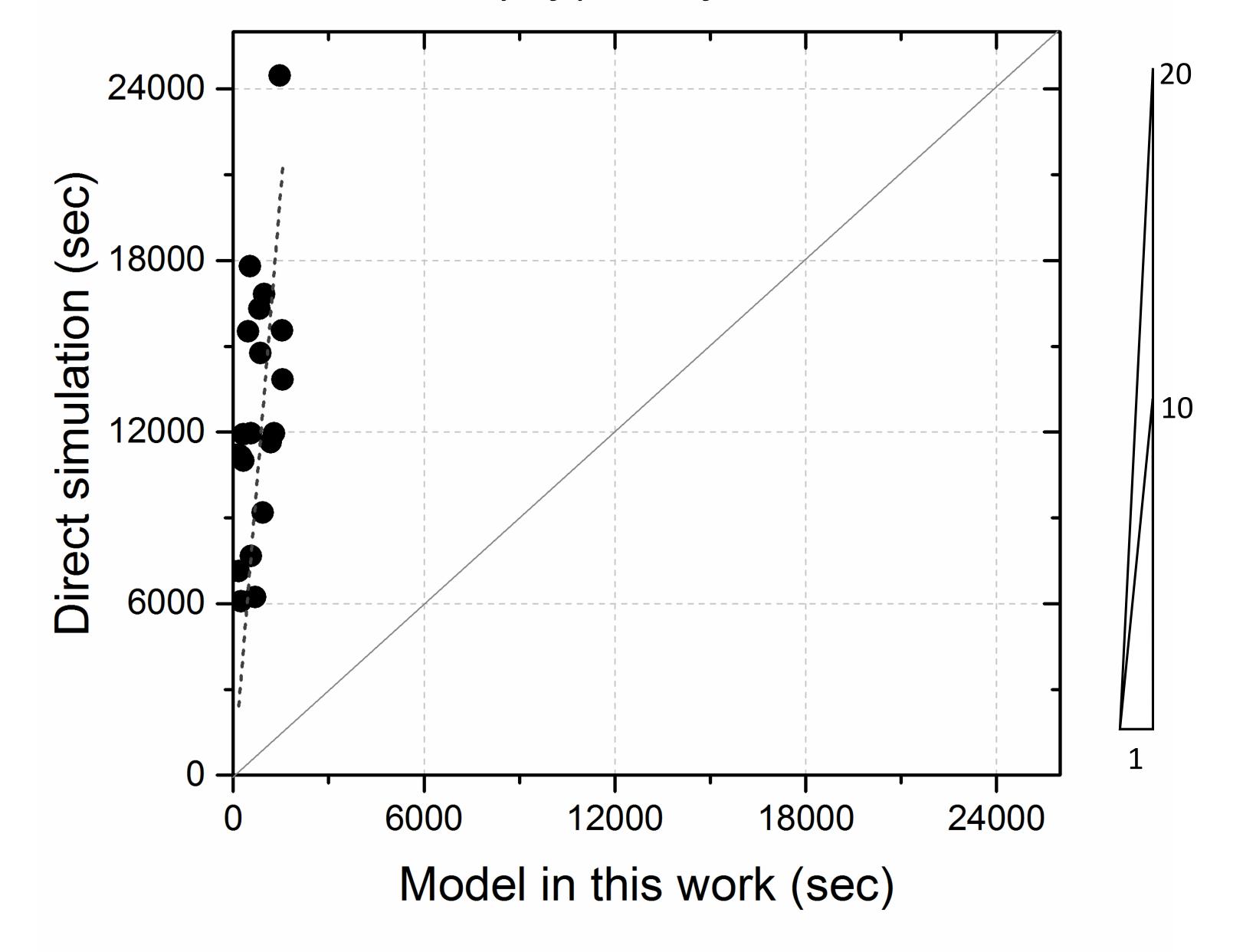
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.



Comparison of planar fault energies predicted from the model proposed in this work versus direct simulation, for a variety of planar faults



Comparison of time taken for calculations involved in the model proposed in this work versus direct simulation, for a variety of planar faults



Download English Version:

https://daneshyari.com/en/article/7877151

Download Persian Version:

https://daneshyari.com/article/7877151

<u>Daneshyari.com</u>