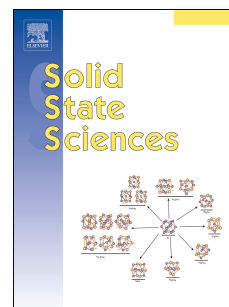


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Sebastian Stein^a, Samir F. Matar^b, Lukas Heletta^a and Rainer Pöttgen^{a, *}

^a *Institut für Anorganische und Analytische Chemie, Universität Münster, Corrensstrasse 30, D-48149 Münster, Germany*

^b *Lebanese German University, Sahel-Alma Campus, Jounieh, Lebanon*

In memory of Professor Gérard Demazeau

* Corresponding author: Institut für Anorganische und Analytische Chemie, Universität Münster, Corrensstrasse 30, D-48149 Münster, Germany, Fax: +49–251–83-36002

E-mail address: pottgen@uni-muenster.de (R. Pöttgen)

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ABSTRACT

The rare earth-rich intermetallic phases RE_9TMg_4 ($RE = Y, Dy-Tm, Lu; T = Ru, Rh, Os, Ir$) were synthesized by induction melting of the elements using sealed niobium

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