

Ky - coeg.

Лаворинт
Ке

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1963

молек. расчёты.
содержащие
расчёты
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character of inert gas halides.

Kr X

Бурлакин М. О.

1987

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(расчет
таблицы)

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(см. He **H₂**) III

KrD

(OM 33002)

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KD

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OH-K₂

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(см. OH-K₂; III)

KrD

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128: 94726c Spectra of rare gas hydrides. VI. The 4f complex and the electronic structure of KrD. Dabrowski, I.; Sadovskii, D. A. (Steacie Institute for Molecular Sciences, National Research Council, Ottawa, ON Can. K1A 0R5). *J. Chem. Phys.* 1997, 107(21), 8874-8885 (Eng), American Institute of Physics. The complete rotational anal. of the $4f(^2[Fgr], ^2\Delta, ^2\Pi, ^2\Sigma^+) \rightarrow 4d\ ^2\Delta$ (6600 cm^{-1}), $4f(^2[Fgr], ^2\Delta, ^2\Pi, ^2\Sigma^+) \rightarrow 4d\ ^2\Pi$ (8500 cm^{-1}), and $4d\ ^2\Delta \rightarrow 5p\ ^2\Pi$ (7100 cm^{-1}) Rydberg electronic transitions of KrD is reported. The two newly obsd. states, the doublet 4f complex and $4d\ ^2\Delta$ together with the $np(^2\Pi, ^2\Sigma^+)$, $nd\ ^2\Sigma^+$, $ns\ ^2\Sigma^+$, and $nd\ ^2\Pi$ studied earlier by Dabrowski [etal], [*Mol. Phys.* 63, 269 (1988)], and by Dabrowski and Sadovskii [*Mol. Phys.* 81, 291 (1994)], form a set of states which permits the whole Rydberg electronic structure of the mol. to be detd. from the exptl. data.

(M. Chern)

 $^2\Delta, ^2\Pi,$ $2\Sigma^+ \rightarrow ^2\Delta, ^2\Pi$

UT-5.

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$(ArHks)^+$

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Kr. SH

(om 40306)

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ab initio

$\tilde{A}^2\Sigma^+$

comp-ra

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