

# Gaseous actinide ions

## International Atomic Energy Agency - New developments in gas

Description: -

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Bible. N.T. Matthew -- Commentaries

Buddhist literature, Sanskrit -- Bibliography

Putnam, Herbert, 1861-1955.

Artists -- France -- Correspondence.

Redon, Odilon, 1840-1916 -- Correspondence.

Biochemistry -- laboratory manuals

Pharmacology -- laboratory manuals

Pharmacology, Experimental -- Laboratory manuals

Guru worship (Rite) -- Buddhism -- Tibet.

Buddhism -- Prayer-books and devotions -- Tibetan.

Natural history -- Outdoor books.

Natural history -- Study and teaching.

Great Britain -- History -- Wars of the Roses, 1455-1485.

Family life -- Fiction.

Islam.

Local transit -- California -- Los Angeles.

Street-railroads -- California, Southern.

Pacific Electric Railway.

World War, 1914-1918.

Neutrality -- Belgium.

Ionized gases.

Actinide elements. gaseous actinide ions

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pt. 13

The Chemical thermodynamics of actinide elements and compounds

; gaseous actinide ions

Notes: Bibliography: p. 33-35.

This edition was published in 1985

Tags: #Principles #of #Electron

#Paramagnetic #Resonance

#Spectroscopy #(Introduction) #:

#Absorption #spectroscopy #:

#Biotechnology #and #Biomedical

#Engineering #: #Amrita #Vishwa

#Vidyapeetham #Virtual #Lab

Ion	He		Ar	
	$R_0$	$D_0$	$R_0$	$D_0$
$\text{Ac}^+ 7s^2 1S$	4.82	30	4.07	426
$\text{Ac}^+ 7s^2 1S^a$	4.80	30	4.04	434
$\text{U}^+ [5f^9]7s^{2b}$	4.62	33	3.96	454
$\text{U}^+ [5f^9]7s^{2a}$	4.59	34	3.96	470
$\text{Am}^+ 5f^7 7s^2 8s^b$	4.27	39	3.45	698
$\text{Cm}^+ 5f^7 7s^2 8s^b$	4.36	42	3.82	538
$\text{Cm}^+ [5f^7]7s^{2a}$	4.39	40	3.88	539
$\text{No}^+ 5f^4 7s^2 1S$	4.03	48	3.38	763
$\text{Lr}^+ 5f^{14} 7s^2 1S$	4.08	52	3.71	598
$\text{Lr}^+ [5f^{14}]7s^{2a}$	4.11	50	3.78	565

<sup>a</sup>Large-core calculations, this work.

<sup>b</sup>Large-core calculations by Lee et al. (2011).



Filesize: 41.41 MB

Gas

Annalen der Physik und Chemie. Haire, Marta Santos, António Pires de Matos and Joaquim Marçalo. In this case, only about 0.

### Actinides (Actinide Series) Element Properties

Chemical Reviews 2010, 110 2, 1170-1211. The PA analysis has not yet provided the type of guidance to the experimental program that is required in order to determine when the work is, in fact, complete. As has been already mentioned, the difference in the mobility of 7s and 7s 2 ions in Ar has the opposite sign.

### The gaseous actinide ions (Book, 1985) [spaceneb.us.to]

Thus neptunium is present in nature in negligible amounts produced as intermediate decay products of other isotopes.

### Actinides (Actinide Series) Element Properties

With this approach, electronic angular momenta and configuration mixing effects due to incomplete 5f shell occupancies are hidden in the ECPs and the ground electronic states of the ions acquire 1S or 2S effective symmetry, except for  $^{232}\text{Th} + 6d\ 27s$ . However, the oxides of plutonium and neptunium with the chemical formula  $\text{AnO}_2$  and  $\text{An}_2\text{O}_3$  are well characterized.

### Actinide

This addition changes the oxidation state of plutonium from +6 to +4, while uranium remains in the form of uranyl nitrate  $\text{UO}_2\text{NO}_3 \cdot 2\text{H}_2\text{O}$ . Potential

Energy Surface for Activation of Methane by Pt<sup>+</sup>: A Combined Guided Ion Beam and DFT Study.

## Gas

Unveiling the potential of scandium complexes for methane C—H bond activation: a computational study. The melting point of Actinides does not depend on the number of f electrons. The figure at lower left shows a representative Fourier transform without phase corrections of the k<sup>3</sup>-weighted XAFS spectra, the theoretical fit to the data, and illustrates the single-shell contributions to the fit.

## Gas

International Journal of Quantum Chemistry 2005, 102 6 , 1080-1086.

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## Related Books

- [Złote rogi, czapki z piór - z publicystyki politycznej 1986-1993](#)
- [Derechos humanos - fuentes e instrumentos internacionales](#)
- [Haba gét - Alkitab lam basa Aceh si uroe-uroe.](#)
- [Dello scrivere le vite](#)
- [London syllabus of religious education.](#)