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BEACON eSpace at Jet Propulsion Laboratory: Electron -Impact ...

Title: **Electron-Impact Ionization** of Mg. Authors: Boivin, R. F. ... have been obtained by normalization to a theoretical value at high **electron** energy. ...

others searched for:

<http://trs-new.jpl.nasa.gov/dspace/handle/2014/22939>

Positive Ions

Nov 25, 2001 ... An atom can become **ionized** by the absorption of light. The atom of barium is particularly easy to ionize, because its outermost **electron** is ...

others searched for:

<http://www-istp.gsfc.nasa.gov/Education/wposion.html>

Ionization of@ (Buckminsterfullerene) by Electron Impact

Among them, **electron** impact **ionization** of vapor phase C₆₀ ... of **ionization**

cross sections at 38 eV **electron** impact energy. They also measured the ...

others searched for:

<http://trs-new.jpl.nasa.gov/dspace/bitstream/2014/35312/1/93-0894.pdf>

GRC - Ion Propulsion Overview

Dec 22, 2008 ... An alternative method of **ionization** called **electron** cyclotron resonance (ECR) is also being researched at NASA. ...

others searched for:

<http://www.grc.nasa.gov/WWW/ion/overview/overview.htm>

Energy-dependent ionization states of shock-accelerated particles ...

IONIZATION STATES OF SOLAR ENERGETIC PARTICLES. 2 rate equations, using **electron** capture and loss rates that depend only upon temperature. ...

others searched for:

<http://epact2.gsfc.nasa.gov/don/q5.pdf>

Ion Drive engine: Deep Space Propulsion

Timetable: Warm-up, about 10 minutes; main activity, about 25 minutes. Vocabulary: **electron** cloud, ion, **ionization**, ion engine, xenon, molybdenum ...

others searched for:

<http://spaceplace.nasa.gov/en/educators/iondrive.pdf>

Background: Atoms and Light Energy

Sep 6, 2006 ... Beyond that energy, the **electron** is no longer bound to the nucleus of the atom and it is considered to be **ionized**. **ionized** state ...

others searched for:

http://imagine.gsfc.nasa.gov/docs/teachers/lessons/xray_spectra/background-atoms.html

NASA Technical Reports Server

Approximations to experimental values of the **electron ionization** cross section

and the ion-atom charge exchange cross section are used. ...

others searched for:

[http://ntrs.larc.nasa.gov/search.jsp?
R=149874&id=1&as=false&or=false&q=Ne%3D26%26Ns%3...](http://ntrs.larc.nasa.gov/search.jsp?R=149874&id=1&as=false&or=false&q=Ne%3D26%26Ns%3...)

NASA - Ion Propulsion

An alternative method of **ionization** called **electron** cyclotron resonance (ECR) is also being researched at NASA. This method uses high-frequency radiation ...

others searched for:
<http://www.nasa.gov/centers/glenn/about/fs21grc.html>

Introduction

In the calculation with Park's model, once the **electron-impact ionization** is initiated, **electron** number density rapidly increases. Hence, the time to attain ...

others searched for:
http://probews2.arc.nasa.gov/abstracts/Furudate_abs.doc



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