Atomic and Molecular Photoabsorption

Description:
Atomic and Molecular Photoabsorption: Partial Cross Sections is a companion work to Joseph Berkowitz's earlier work, Atomic and Molecular Photoabsorption: Absolute Total Cross Sections, published with Academic Press in 2002. In this work, Joseph Berkowitz selected the "best" absolute partial cross sections for the same species as included in the companion work. A contrast, however, is that photoabsorption measurements, being of order I/I₀, do not require the most intense light sources, whereas acquiring data on the products of light interactions with gaseous matter (ions, electrons, various coincidence measurements) has benefited significantly with the arrival of second- and third-generation synchrotrons. The newer devices have also extended the energy range of the light sources to include the K-shells of the species discussed here. The newer light sources encouraged experimentalists to develop improved instrumentation. Thus, the determination of partial cross sections continues to be an active field, with more recent results in some cases superseding earlier ones.

Where the accuracy of the absolute partial cross sections is deemed sufficient (less than five percent), numerical tables are included in this new work. In other cases, the available data are presented graphically.

- Includes data on atoms, diatomic molecules, triatomic molecules, and polyatomic molecules
- Written by world-leading pioneer in the field of photoionization mass spectrometry
- Very clear presentation of the useful, quantitative information in both tables and graphs

Contents:
1. Introduction
2. Atoms
3. Diatomic Molecules
4. Triatomic Molecules
5. Polyatomic Molecules

Ordering:

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Atomic and Molecular Photoabsorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/1757279/">http://www.researchandmarkets.com/reports/1757279/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCBRTYBY</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

- **Hard Copy (Hard Back):** USD 191 + USD 29 Shipping/Handling
- **Hard Copy (Hard Back):** USD 166 + USD 29 Shipping/Handling

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>[ ] Last Name: [ ]</td>
</tr>
<tr>
<td>Email Address: *</td>
<td>[ ]</td>
</tr>
<tr>
<td>Job Title:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Organisation:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Address:</td>
<td>[ ]</td>
</tr>
<tr>
<td>City:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Country:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Phone Number:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World