

Contents

	Page
Foreword.....	III
Introduction.....	1
I. Electron Cross Section Index.....	5
Total Scattering, Experimental.....	5
Total Scattering, Theoretical.....	7
Elastic Scattering, Experimental.....	7
Elastic Scattering, Theoretical.....	9
Ionization, Experimental.....	14
Ionization, Theoretical.....	21
Detachment, Experimental.....	24
Detachment, Theoretical.....	24
Electronic Excitation, Experimental.....	25
Electronic Excitation, Theoretical.....	30
De-Excitation, Experimental.....	37
De-Excitation, Theoretical.....	38
Dissociation, Experimental.....	38
Dissociation, Theoretical.....	39
Dissociative Ionization, Experimental.....	39
Dissociative Ionization, Theoretical.....	40
Dissociative Attachment, Experimental.....	40
Dissociative Attachment, Theoretical.....	42
Vibrational Excitation, Experimental.....	42
Vibrational Excitation, Theoretical.....	43
Rotational Excitation, Experimental.....	44
Rotational Excitation, Theoretical.....	44
Free-Free Emission, Experimental.....	44
Free-Free Emission, Theoretical.....	44
Radiative Recombination, Experimental.....	45
Radiative Recombination, Theoretical.....	45
Radiative Attachment, Experimental.....	45
Radiative Attachment, Theoretical.....	45
Dissociative Recombination, Experimental.....	46
Dissociative Recombination, Theoretical.....	46
II. Positron Cross Section Index.....	47
Total Scattering, Experimental.....	47
Elastic Scattering, Experimental.....	47
Elastic Scattering, Theoretical.....	47
Ionization, Theoretical.....	48

	Page
Detachment, Theoretical.....	48
Electronic Excitation, Theoretical.....	48
Vibrational Excitation, Theoretical.....	48
Rotational Excitation, Theoretical.....	48
III. Photon Cross Section Index.....	49
Absorption, Experimental.....	49
Scattering, Experimental.....	53
Scattering, Theoretical.....	53
Ionization, Experimental.....	54
Ionization, Theoretical.....	58
Detachment, Experimental.....	62
Detachment, Theoretical.....	63
Fluorescence, Experimental.....	64
Dissociation, Experimental.....	64
Dissociation, Theoretical.....	66
IV. Bibliography.....	67
V. Author Index.....	167

