

Charge transfer in high velocity C-n(+) + He collisions

CHABOT M, MARTINET G, MEZDARI F, et al.

JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS

39 (11): 2593-2603 JUN 14 2006

BARDSELEY JN THEORY OF DISSOCIATIVE RECOMBINATION JOURNAL OF PHYSICS PART B ATOMIC AND MOLECULAR PHYSICS 1 : 365 1968

BASU D PHYS REP 42 : 145 1978

BIANCHETTI M Ab-initio study of the electromagnetic response and polarizability properties of carbon chains PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS 357 : 459 2002

BRECHIGNAC C Charge transfer and dissociation in collisions of metal clusters with atoms PHYSICAL REVIEW LETTERS 89 : Art. No. 183402 2002

CHABOT M Shape analysis of current pulses delivered by semiconductor detectors: A new tool for fragmentation studies of high velocity atomic clusters and molecules NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 197 : 155 2002

CHOI H Photodissociation of linear carbon clusters C-n (n=4-6) JOURNAL OF PHYSICAL CHEMISTRY A 104 : 2025 2000

DIAZTENDERRO S Fragmentation of small neutral carbon clusters INTERNATIONAL JOURNAL OF MASS SPECTROMETRY 252 : 126 2006

DORNER R Cold Target Recoil Ion Momentum Spectroscopy: a 'momentum microscope' to view atomic collision dynamics PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS 330 : 96 2000

ELLERT C TEMPERATURE-DEPENDENCE OF THE OPTICAL-RESPONSE OF SMALL, OPEN-SHELL SODIUM CLUSTERS PHYSICAL REVIEW LETTERS 75 : 1731 1995

FATI D Charge exchange in tandem mass spectrometry: dissociative single electron capture by doubly-charged toluene cations EUROPEAN JOURNAL OF MASS SPECTROMETRY 9 : 223 2003

FORNEY D Electronic absorption spectra of linear carbon chains in neon matrices .4. C-2n+1 n=2-7 JOURNAL OF CHEMICAL PHYSICS 104 : 4954 1996

GEPPERT W PHYS REV LETT 93 : 2004

GRUTTER M Electronic absorption spectra of linear C-6, C-8 and cyclic C-10, C-12 in neon matrices JOURNAL OF CHEMICAL PHYSICS 111 : 7397 1999

HANRATH M Theoretical studies on the electronic spectrum of linear C-6 CHEMICAL PHYSICS 249 : 121 1999

HERBST E CHEMISTRY IN THE INTERSTELLAR-MEDIUM ANNUAL REVIEW OF PHYSICAL CHEMISTRY 46 : 27 1995

JARONBECKER A PHYS REV A 69

JOYES P AGREGATS INORGANIQUE : 1990

KROTO HW C-60 - BUCKMINSTERFULLERENE NATURE 318 : 162 1985

MARTINET G Fragmentation of neutral C-n clusters (n <= 9): experimental and theoretical investigations EUROPEAN PHYSICAL JOURNAL D 24 : 149 2003

MARTINET G Fragmentation of highly excited small neutral carbon clusters PHYSICAL REVIEW LETTERS 93 : Art. No. 063401 2004

MARTINET G THESIS U PARIS SUD O : 2004

MEZDARI F Ionization cross sections of small cationic carbon clusters in high-energy collisions with helium atoms and stability of multiply charged species PHYSICAL REVIEW A 72 : Art. No. 032707 2005

MEZDARI F THESI U PARIS 6 : 2005

MUHLHAUSER M MRD-CI study of the electronic spectrum of linear C-9 CHEMICAL PHYSICS LETTERS 336 : 171 2001

OHNO M Theoretical study of the valence ionization energies and electron affinities of linear C-2n+1 (n=1-6) clusters JOURNAL OF CHEMICAL PHYSICS 106 : 3258 1997

ROTTMANN LM SINGLE-ELECTRON CAPTURE BY 100-1500-KEV C+ IONS IN SEVERAL ATOMIC AND MOLECULAR TARGETS PHYSICAL REVIEW A 46 : 3883 1992

VANORDEN A Small carbon clusters: Spectroscopy, structure, and energetics CHEMICAL REVIEWS 98 : 2313 1998

VEKEY K ELECTRON-CAPTURE INDUCED DECOMPOSITION OF THE BENZENE C₆H₆(2+)ION JOURNAL OF PHYSICAL CHEMISTRY 90 : 3569 1986

WOHRER K Dissociative and non-dissociative electron capture in medium-velocity cluster-atom collisions; evidence of contributions due to multi-electron processes JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS 33 : 4469 2000

WOHRER K Swift cluster-atom collisions: Experiment and model calculations JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS 29 : L755 1996

WOHRER K Swift cluster-atom collisions: a progress report NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 146 : 29 1998

WOHRER K A method for "on-line" determination of beam-jet overlaps; application to cluster fragmentation studies REVIEW OF SCIENTIFIC INSTRUMENTS 71 : 2025 2000