

Fragmentation of small neutral carbon clusters
DIAZ-TENDERO S, SANCHEZ G, ALCAMI M, et al.
INTERNATIONAL JOURNAL OF MASS SPECTROMETRY
252 (2): 126-132 MAY 15 2006

BARLETT RJ RECENT ADV COUPLED C : 1997

BECKE AD DENSITY-FUNCTIONAL THERMOCHEMISTRY .3. THE ROLE OF EXACT EXCHANGE JOURNAL OF CHEMICAL PHYSICS 98 : 5648 1993

BOUYER R ENERGETICS OF C-16(+) TO C-36(+) PHOTODISSOCIATION JOURNAL OF CHEMICAL PHYSICS 100 : 8912 1994

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

CHANCEY RT Fragmentation of fullerenes PHYSICAL REVIEW A 67 : Art. No. 043203 2003

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

DIAZTENDERO S Theoretical study of ionization potentials and dissociation energies of C_n^{q+} fullerenes (n=50-60, q=0, 1 and 2) JOURNAL OF CHEMICAL PHYSICS 119 : 5545 2003

DIAZTENDERO S Structure, dissociation energies, and harmonic frequencies of small doubly charged carbon clusters C-n(2+) (n=3-9) JOURNAL OF PHYSICAL CHEMISTRY A 106 : 10782 2002

DIAZTENDERO S Statistical fragmentation of small neutral carbon clusters PHYSICAL REVIEW A 71 : Art. No. 033202 2005

GEUSIC ME PHOTODISSOCIATION OF CARBON CLUSTER CATIONS JOURNAL OF CHEMICAL PHYSICS 86 : 3862 1987

GEUSIC ME PHOTOFRAGMENTATION OF MASS-RESOLVED CARBON CLUSTER IONS - OBSERVATION OF A MAGIC NEUTRAL FRAGMENT JOURNAL OF CHEMICAL PHYSICS 84 : 2421 1986

GEUSIC ME PHOTOFRAGMENTATION OF MASS RESOLVED CARBON CLUSTER IONS ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS 3 : 309 1986

GROSS DHE PHYS REP 279 : 119 1997

GROSS DHE STATISTICAL FRAGMENTATION OF HOT ATOMIC METAL-CLUSTERS ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS 35 : 27 1995

JESCHKE HO Nonthermal fragmentation of C-60 CHEMICAL PHYSICS LETTERS 352 : 154 2002

LEE C DEVELOPMENT OF THE COLLE-SALVETTI CORRELATION-ENERGY FORMULA INTO A FUNCTIONAL OF THE ELECTRON-DENSITY PHYSICAL REVIEW B 37 : 785 1988

LIFSHITZ C PROPERTIES OF CARBON CLUSTER IONS, C_n⁺, FORMED BY DISSOCIATIVE IONIZATION INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESSES 93 : 149 1989

LIFSHITZ C C-10(+) AND C-7(+) CARBON CLUSTER IONS FROM OVERCROWDED OCTACHLOROPENTAFULVALENE AND OCTACHLORONAPHTHALENE INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESSES 82 : 193 1988

LIFSHITZ C APPLICATION OF THERMAL KINETICS TO SMALL CARBON ION CLUSTERS JOURNAL OF PHYSICAL CHEMISTRY 97 : 6592 1993

MADJET ME Fragmentation phase transition in atomic clusters II - Symmetry of fission of metal clusters ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS 39 : 309 1997

MARTIN JML Structure and relative energetics of C-2n+1 (n=2-7) carbon clusters using coupled cluster and hybrid density functional methods CHEMICAL PHYSICS LETTERS 252 : 9 1996

MARTIN JML STRUCTURE AND VIBRATIONAL-SPECTRA OF CARBON CLUSTERS C-N (N=2-10, 12, 14, 16, 18) USING DENSITY-FUNCTIONAL THEORY INCLUDING EXACT EXCHANGE CONTRIBUTIONS CHEMICAL PHYSICS LETTERS 242 : 570 1995

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

MCELVANY SW PRODUCTION, DISSOCIATION AND REACTIVITY OF CARBON CLUSTER ANIONS INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESSES 102 : 81 1990

RADI PP EVAPORATION OF COVALENT CLUSTERS - UNIMOLECULAR DECAY OF ENERGIZED SIZE-SELECTED CARBON CLUSTER IONS (CN+, 5 LESS-THAN-OR-EQUAL-TO N LESS-THAN-OR-EQUAL-TO 100) JOURNAL OF CHEMICAL PHYSICS 92 : 4817 1990

RADI PP A NEW METHOD FOR STUDYING CARBON CLUSTERS IN THE GAS-PHASE - OBSERVATION OF SIZE SPECIFIC NEUTRAL FRAGMENT LOSS FROM METASTABLE REACTIONS OF MASS SELECTED CN+,N-LESS-THAN-OR-EQUAL-TO-60 JOURNAL OF CHEMICAL PHYSICS 88 : 2809 1988

RADI PP STRUCTURE, REACTIVITY, AND ENERGETICS OF COVALENTLY BOUND CARBON CLUSTER IONS, C5+ TO C11+ - EXPERIMENT AND THEORY JOURNAL OF PHYSICAL CHEMISTRY 93 : 6187 1989

RISCH MJ GAUSSIAN 98 REVISION : 2001

SCHAPIRO O Fragmentation phase transitions in atomic clusters .3. Coulomb explosion of metal clusters ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS 41 : 219 1997

SCHMIDT M Caloric curve across the liquid-to-gas change for sodium clusters PHYSICAL REVIEW LETTERS 87 : Art. No. 203402 2001

SHELIMOV KB SMALL CARBON RINGS - DISSOCIATION, ISOMERIZATION, AND A SIMPLE-MODEL BASED ON STRAIN INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND ION PROCESSES 138 : 17 1994

SOWA MB DISSOCIATION-ENERGIES FOR CARBON CLUSTER IONS (C2-15+) - A SYSTEM WHERE PHOTODISSOCIATION IS MISLEADING JOURNAL OF CHEMICAL PHYSICS 95 : 4719 1991

TAI Y Surface-induced dissociation of small carbon cluster negative ions (C-n(-), n=5-12): Correlation between the dissociation patterns and stability of fragment ion-neutral pairs JOURNAL OF PHYSICAL CHEMISTRY B 103 : 5500 1999

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