

**Partial near threshold cross sections for the associative ionization to form CO⁺, NO⁺ and O-
2(+)**
LE PADELLEC A
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BERTRAND C IONS IN AMMONIA FLAMES JOURNAL OF PHYSICAL CHEMISTRY 78 : 2320 1974

BREDO MA 15 S COMB TOK JAP : 1003 1974

GOLUBKOV GV NEAR-THRESHOLD ASSOCIATIVE IONIZATION REACTIONS OF ATOMS JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS 21 : 2049 1988

GREDEL R THE ABUNDANCE OF CH⁺ IN TRANSLUCENT MOLECULAR CLOUDS - FURTHER TESTS OF SHOCK-MODELS ASTRONOMY AND ASTROPHYSICS 269 : 477 1993

HELLBERG F Dissociative recombination of NO⁺: Dynamics of the X-1 Sigma(+) and a(3)Sigma(+) electronic states JOURNAL OF CHEMICAL PHYSICS 118 : 6250 2003

HERZBERG G MOL SPECTRA MOL STRU 1 : 1950

HIYAMA M Superexcited states of CO near the first ionization threshold CHEMICAL PHYSICS LETTERS 248 : 316 1996

LE PADELLEC A Resonant ion-pair formation in the recombination of NO⁺ with electrons: Cross-section determination PHYSICAL REVIEW A 64 : Art. No. 012702 2001

LIN SC RATE OF IONIZATION BEHIND SHOCK WAVES IN AIR .2. THEORETICAL INTERPRETATIONS PHYSICS OF FLUIDS 6 : 355 1963

LIN SC RATE OF IONIZATION BEHIND SHOCK WAVES IN AIR .1. EXPERIMENTAL RESULTS PHYSICS OF FLUIDS 5 : 1633 1962

MILLER WH THEORY OF PENNING IONIZATION .1. ATOMS JOURNAL OF CHEMICAL PHYSICS 52 : 3563 1970

NAKAMURA H J PHYS B ATOM MOL PH 8 : 489 1975

NIELSEN SE ENDOERGIC CHEMI-IONIZATION IN N-O COLLISIONS JOURNAL OF CHEMICAL PHYSICS 71 : 1910 1979

PETRIE S ASSOCIATIVE IONIZATION PROCESSES WITHIN INTERSTELLAR CLOUDS ASTROPHYSICAL JOURNAL 436 : 411 1994

PEVERALL R Dissociative recombination and excitation of O-2(+): Cross sections, product yields and implications for studies of ionospheric airglows JOURNAL OF CHEMICAL PHYSICS 114 : 6679 2001

POPOV NA INVESTIGATION OF THE INSTABILITY OF NON-SELF-MAINTAINED MICROWAVE-DISCHARGE IN NITROGEN OXYGEN MIXTURES HIGH TEMPERATURE 32 : 166 1994

RINGER G MERGED MOLECULAR-BEAM STUDY OF THE ENDOERGIC ASSOCIATIVE IONIZATION REACTION N(D-2)+O(P-3)-JNO⁺⁺E⁻ JOURNAL OF CHEMICAL PHYSICS 71 : 1902 1979

ROSEN S Absolute cross sections and final-state distributions for dissociative recombination and excitation of CO⁺ (v=0) using an ion storage ring PHYSICAL REVIEW A 57 : 4462 1998

SEIERSEN K Dissociative recombination of the cation and dication of CO₂ PHYSICAL REVIEW A 68 : Art. No. 022708 2003

STRASSER D Breakup dynamics and isotope effects in D_2H^+ and H_2D^+ dissociative recombination PHYSICAL REVIEW A 69 : Art. No. 064702 2004

TCHANGBRILLET WUL A MODEL OF THE $B1-SIGMA^+-D^1-SIGMA^+$ RYDBERG-VALENCE PREDISSOCIATING INTERACTION IN THE CO MOLECULE JOURNAL OF CHEMICAL PHYSICS 96 : 6735 1992

THOMAS R Investigating the three-body fragmentation dynamics of water via dissociative recombination and theoretical modeling calculations PHYSICAL REVIEW A 66 : Art. No. 032715 2002

URBAIN X THESIS U LOUVAIN NEU : 1990

VANDISHOECK E ASTROPHYS J S 62 : 109 1987

VEJBYCHRISTENSEN L Dissociative recombination of NO^+ PHYSICAL REVIEW A 57 : 3627 1998