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TI Partial near threshold cross sections for the associative ionization to form CO<sup>+</sup>, NO<sup>+</sup> and O<sup>-2(+)</sup>  
SO PHYSICA SCRIPTA

LA English

DT Article

ID DISSOCIATIVE RECOMBINATION; SHOCK WAVES; EXCITATION; CLOUDS;  
STATES; ATOMS; AIR

AB The paper describes a model based on the detailed balance principle that was further applied to extract the near threshold cross sections for the associative ionization along C + O, N + O and O + O. with reactants in various combinations of electronic excitation. When available, comparison was achieved with theoretical and/or experimental results, and the agreement is found excellent in several cases.

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