

Abstract Submitted
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Radiative ion-atom processes¹ JAMES BABB, Harvard-Smithsonian CfA, BRENDAN MCLAUGHLIN, Queen's University Belfast — Collisions between an ion and an atom in which a photon is emitted and either a molecular ion is formed or charge transfer occurs are of interest for astrophysical applications and for studies of trapped ions and atoms at low energies. We discuss recent calculations on collisions of C and a proton and of Ar with a helium ion. Results on other carbon-containing systems will be discussed.

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