

CHEMICAL PROCESSES IN ASTROPHYSICAL RADIATION FIELDS¹

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The effects of stimulated photon emission on chemical processes in a radiation field are considered and their influence on the chemistry of the early universe and other astrophysical environments is investigated. Spontaneous and stimulated radiative attachment rate coefficients for H^- , Li^- , and C^- are presented.

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 2. Harvard-Smithsonian Center for Astrophysics, Cambridge, MA.