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Energy dependence of the electronic state densities of the free and bound states for fully ionized hydrogenic plasmas. The quantum states up to the principal quantum number of  $n = 8$  are almost completely existing for  $N_i = 10^{16} \text{ cm}^{-3}$ . From the state value of  $n = 9$ , the bound state densities gradually decrease, while the free-state density appears and gradually increases as the principal quantum number becomes larger. (Takeshi NISHIKAWA *et al.*, Plasma and Fusion Research Vol.7, 1401142 (2012) <http://www.jspf.or.jp/PFR/>)

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