

**Some Methods of Generation of Multicharged Ions of Radioactive and Stable Isotopes,**  
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People's Friendship - A new method of charge state  
increase of multicharged ions of radioactive and stable  
isotopes is suggested. It is based on multiple passing of an  
ion beam through plasma or an electron cloud heated and  
captured in a mirror trap on condition of ECR discharge.  
Device parameters as well as numerical calculations of  
anticipated charge states and ion currents for krypton are  
given. It is shown that an increase of ion charge is possible  
practically without any deterioration of ion beam  
characteristics.