ECR Plasma Studies for Heavy Ion Production at HyperECR Ion Source

Recently we have been conducting research on ECR plasma using HyperECR Ion Source. Generally, a state of plasma is characterized by physical quantities such as electron density, electron temperature, and confinement time of ions. Those can be controlled by various operating parameters. Using Krypton ions, the effects of those parameters on heavy-ion production are studied.

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Track Classification: Accelerator and Instrumentation