



dosimetry

Experimental methods of dosimetry in BNCT

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In anticipation of the introduction of BNCT into clinical practice, the development of dosimetry for BNCT is becoming an important task. Dosimetry for BNCT is complex, due to the multiplicity of the possible neutron reactions and consequently of the secondary radiation that contains photons, charged particles and recoil nuclei. Therefore, BNCT dosimetry requires suitably developed calculations and experimental methods. This lecture describes experimental methods for measuring neutron flux and dose parameters during BNCT in experiments conducted at the Budker Institute of Nuclear Physics

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