

THE SOFT-PHOTON BREMSSTRAHLUNG IN SCATTERING OF VECTOR PARTICLES IN THE FIELD OF NUCLEI

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General expression for the differential cross-section of the inelastic scattering of the relativistic charged vector particles (deuterons) in the Coulomb field of nuclei accompanied by the soft-photon radiation is obtained. Limiting cases are considered, and comparison with the cross-sections for bremsstrahlung in scattering of scalar and spinor particles is made.