

# **DIPOLE POLARIZABILITY OF WEAKLY-BOUND NUCLEI IN THE EXTERNAL ELECTRIC FIELD**

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The expression for the weakly-bound particle elastic scattering amplitude with taking into account the polarizability of incident particle without using of the adiabatic approximation has been obtained. It is shown that the non-adiabatic effects are the ground of additional energy dependence of the scattering amplitude and the dynamic polarizability potential.