4. DESCRIPTION OF THE PROTON-TRITON RECHARGE PROCESS WITH FORMATION OF INTERMEDIATE ISOBAR IN DIFFRACTION APPROACH

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Using the general formalism of the quantum theory of resonance scattering and its diffraction approximation, the charge exchange amplitudes for the p(t, ^{3}He) processes with the generation of intermediate Δ-resonances in the incident particle and the nucleus-target are constructed. The energy distributions of escaping ^{3}He nuclei are calculated.