

2. RADIATIONLESS AND INELASTIC PROCESSES CONTRIBUTION TO THE NUCLEAR EXCITATION AT THE POSITRON-ATOMIC ELECTRON ANNIHILATION

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The process of nuclear excitation at the positron-atomic electron annihilation was considered. It is offered a new definition for the part of positrons, which excite nuclei at the annihilation. As result, it is proposed a new interpretation of the experimental data on cross section for this process in case of positron beam with wide energy distribution, if we compare them with the theoretical calculations.