

ABOUT THE COULOMB AND NUCLEAR DISSOCIATION OF DEUTERONS IN THE FIELD OF ATOMIC NUCLEI

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The calculation of differential cross sections of the Coulomb dissociation of deuterons is performed, when the nucleons emit under zero angles. Comparison between the calculated cross section of deuteron diffraction dissociation with allowance of the Coulomb interaction and corresponding experiments is made. The deuteron dissociation experiments in the field of nuclei under zero angles of nucleon emission are satisfactorily described taking into account the Coulomb and nuclear interactions.