CALCULATION OF COINCIDENCE CROSS-SECTION OF ^{3}He$(e, e'p)^2$H PROCESS USING THE DIFFRACTION NUCLEAR MODEL

V. K. Tartakovsky, A. V. Fursayev, A. D. Voytsekhovskaya

The cross-section of ^{3}He$(e, e'p)^2$H process is calculated with the regard to the interaction in the final state in terms of diffraction nuclear model. The satisfactory agreement with coincidence experiment is obtained without using any adjusting parameters. The influence of nuclear structure and interaction as well as kinematics changes on the cross-section behaviour is investigated.