

**AN EXCLUSIVE CROSS SECTION OF REACTION  ${}^3H(p, pn){}^1H$  IN  
DIFFRACTION APPROXIMATION**

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A theoretical analysis in diffraction approach of full triton breakup process ( ${}^3H \rightarrow p + 2n$ ) at scattering of protons with energy 72 MeV is performed. An estimation of cross section magnitude of three particle breakup of  ${}^3H$  nucleus is carried out in order to compare with reaction cross section  ${}^3H(p, pn){}^2H$ . The comparison with experimental data [1] is done.