

**ECONOMIC AND PROMPT EXPEDIENT OF DERIVING
PURE FILMS FROM HIGH-MELTING ISOTOPES FOR
NUCLEAR-PHYSICAL INVESTIGATIONS**

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Free films (targets) from high-melting boron, zirconium, molybdenum isotopes of textured structures are prepared and explored by the method of uncrucible zone melting. 2 cm² films of ≤ 1 mg / cm² thickness with homogeneity about 1 % and high cleanness ensure the opportunity of studying the nuclear reactions with a required precision of measured accuracy.