

DEPENDENCE OF NUCLEAR BINDING ENERGY  
ON THE SPECIFIC CHARGE IN THE RANGE  
OF SMALL ISOTOPIC NUMBERS

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S u m m a r y

On the basis of the  $S$ -matrix formalism, approximated linear dependences of the nuclear binding energy on the specific charge  $ZA^{-1}$  have been found for isotopic (isotonic) nuclei  ${}^A_ZQ$  with  $J^\pi = \text{const}$  in the range of isotopic numbers  $Y = A - 2Z = 0, \pm 1, \pm 2, \dots$