TRANSITION PROBABILITIES IN INTRUDER BANDS OF EVEN-MASS Sn ISOTOPES

A. D. Efimov, Yu. N. Lobach[1],
A. A. Pasternak, V. V. Tryshyn[2]

Cyclotron Laboratory,
A.F.Ioffe Physical Technical Institute, Rus. Acad. Sci.
(26, Politekhnicheskaya Str.,
St.-Petersburg 194021, Russia),
[1]State Scientific-Engineering Center of Control Systems and Emergency Response
(64/56, Heroev Stalingrada Prosp.,
Kyiv 04213, Ukraine),
[2]Institute for Nuclear Research,
Nat. Acad. Sci. of Ukraine
(47, Nauky Prosp., Kyiv 03028, Ukraine)

Intraband $B(E2)$ values in the intruder bands of ^{112,114,116,118}Sn are analyzed within the framework of the interacting boson model (IBM1). A detailed comparison of these bands with ground state bands in the even-mass Xe isotopes allows us to find a similarity not only for the energy spaces, but for the $B(E2)$ values as well.