

Invariant-mass spectroscopy of ^{30}F & ^{29}F

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The nuclear structure in the “island of inversion” is dominated by pf -intruder configurations. Recent measurements aimed to find out how far these shell-structure changes extend to the lower Z region. We performed the invariant-mass spectroscopy of ^{30}F and the excited states in ^{29}F , first results will be shown. Two-neutron correlations are also studied in the latter case.

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