

HYPERNUCLEAR PHYSICS WITH FINUDA AT DAPHNE

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A selection of the data collected during the 2003-2004 run of FINUDA at DAPHNE and up to now analyzed will be presented. They concern Hypernuclear Spectroscopy of light targets, non-mesonic decays in coincidence and search for neutron-rich Hypernuclei and rare non-mesonic decays. Results on the search for deeply bound K-states both with the missing mass and invariant mass methods will be presented. Prospects for the forthcoming data taking run with FINUDA, for which an increase of the statistics of at least a factor five is expected, will be presented.

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