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## Signatures of triaxiality in low-spin spectra of $^{86}\text{Ge}$

Low-spin states of neutron-rich  $^{84,86,88}\text{Ge}$  were measured via in-beam gamma-ray spectroscopy after nucleon removal on hydrogen at intermediate energies during the SEASTAR campaign 2015. The exotic beams have been produced by the RIKEN-RIBF and impinged on the LH2 target-TPC combination MIONS. The reactions were selected by BigRIPS and ZeroDegree for the in- and outgoing channel. Emitted gamma radiation was detected by the NaI-array DALI2. Based on the spectroscopic information first level schemes of  $^{86,88}\text{Ge}$  are derived. The  $2^+1, 2^+2, 4^+1$  level energies, the  $R_{4/2}$  and the  $R_{2/2}$  were obtained up to  $N=56$ . The data are compared to state of the art shell model and beyond-mean-field calculations. Rigid triaxial deformation in  $^{86}\text{Ge}$  is discussed on the ground of experimental observations and theoretical predictions.

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