Abstract Submitted
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Level structure of Ge-74[1] WILLIAM B WALTERS, A. M. FORNEY, A. D. AYANGEAKAA, University of Maryland, J. SETHI, J. HARKER, C. J. CHIARA, University of Maryland/ANL, R. V. F. JANSSENS, B. P. KAY, S. ZHU, Argonne National Laboratory — The current data for the level structure of Ge-74 from many sources will be
presented and supplemented by new data from multi-nucleon transfer reactions using a wide range of beam and target combinations with Gammasphere. Data will be presented to support a spin and parity assignment of 5^- for the level at 2935.5 keV. Transitions between members of the proposed gamma band and negative-parity levels will be shown and both kinds of structures discussed in the context of the triaxiality described by Ragnarsson, Nilsson and Sheline. Interpretations for the structure of the adjacent nuclei, Ge-72 and Ge-76 have been reported by Ayangeakaa et al., and Toh et al., respectively.

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