

Abstract Submitted  
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**Dipole Response of  $^{76}\text{Ge}$** <sup>1</sup> P. HUMBY, Yale University, University of Surrey, N. COOPER, V. WERNER, Yale University, N. PIETRALLA, J. BELLER, C. ROMIG, M. ZWEIDINGER, J. ISAAK, J. BLISS, M. SCHECK, TU-Darmstadt, W. TORNOW, G. RUSEV, A.P. TONCHEV, Duke University, S.W. YATES, B.P. CRIDER, University of Kentucky, D. SAVRAN, B. LÖHER, GSI, FIAS — The collective electric dipole resonance known as the pygmy dipole resonance has been investigated in the nucleus  $^{76}\text{Ge}$  using the photon scattering technique up to an endpoint energy of 9.2 MeV. The experiment was conducted at the S-DALINAC facility at Technische Universität Darmstadt (TUD) using unpolarized bremsstrahlung photons. Three HPGe detectors with active BGO shields were used to observe the scattered gamma-rays. Spins and cross-sections of dipole-excited states have been extracted from the data.

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