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# Dipole Response of $^{76}$Ge Below $9.2$ MeV

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## Abstract

The collective electric dipole resonance, known as the pygmy dipole resonance, has been investigated in the nucleus $^{76}$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 Universitat Darmstadt (TUD) using unpolarized bremsstrahlung photons. Three Compton-suppressed HPGe detectors were used to observe the scattered gamma-rays.

Stage of the analysis will be presented as well as a comparison with a previous experiment.

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## References

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