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Probing the fine structure of the giant quadrupole resonance in ^{28}Si using hadronic and leptonic reactions

The comparison of proton inelastic scattering from ^{28}Si with data from other probes exciting the Isoscalar Giant Quadrupole Resonance (ISGQR) is investigated. Wavelet coefficients of the ISGQR for the various probes are compared to that of (p,p') using the newly-developed Semblance and Dot product techniques.

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