

Abstract Submitted
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Dynamical Coupling of Pygmy and Giant Resonances¹ CARLOS BERTULANI, NATHAN BRADY, Texas AM Univ, Commerce, THOMAS AUMANN, TU Darmstadt, JAMES THOMAS, Texas AM Univ, Commerce — One of the effects overseen in studies of excitation of pygmy resonances is the fact that both pygmy and giant resonances are strongly coupled. This coupling leads to dynamical effects such as the modification of transition probabilities and cross sections. We make an assessment of such effects by means of the relativistic coupled channels equations developed by our group.

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