$R(Q^2, v)$ Nuclear response function Giant resonance **N*** Photon absorbtion. $Q^2 = 0$ 50 MeV 300 MeV **Elastic DEEP INELASTIC** Quasi-free scattering "EMC" Δ N*NUCLEUS Lepton scattering Elastic **N*** **DEEP INELASTIC** Q^2 "QUARKS" Lepton scattering **PROTON** x=1