

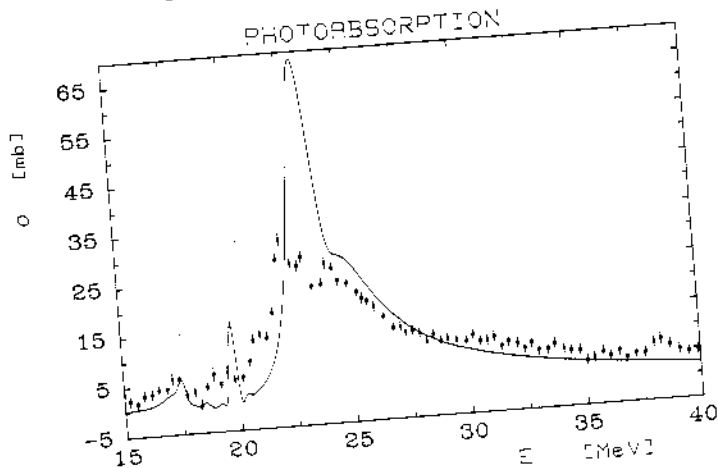


Fig. 3. Energy dependence of the total photo-absorption cross section compared with the experimental data of Ahrens *et al.*²⁷⁾. The theoretical curve has been computed including the 1^- , 2^+ , 3^- multipole excitation modes. Note that the electric dipole gives a contribution of 97.1% to the total cross section up to an excitation energy of 40 MeV.