

The Charged Pion Polarizability (CPP) experiment at Jefferson Lab is a precision measurement of the pion electromagnetic polarizability using the GlueX detector. The electromagnetic polarizability is a fundamental property of particles that measures the rigidity of a system to deformation from electromagnetic forces. Cross sections for  $\gamma\gamma \rightarrow \pi^+\pi^-$  and the pion electromagnetic polarizability will be extracted from measurements of Primakoff photo-production of pion pairs on a lead target at 6 GeV incident photon energy. A muon detection system was added on to the GlueX setup to identify and reject muon pairs. In addition to providing a stringent test of low-energy Quantum Chromodynamics (QCD) theories, the CPP experiment seeks to validate previous experimental results on pion polarizability.