

An update on a search for the pentaquark at CLAS

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In 2009, the LEPS Collaboration published evidence for the Θ^+ pentaquark using the reaction $\gamma d \rightarrow K^+ K^- X$ where a peak was seen in the missing mass off the K^- at about 1.53 GeV. To correct for Fermi motion of the spectator nucleon, a technique called the Minimum Momentum Spectator Approximation (MMSA) was used. Since that time, an analysis with data from the CLAS detector has been carried out for the same reaction, using the same MMSA technique to correct for the Fermi motion, to search for the Θ^+ . Results of an upper limit on the cross section for Θ^+ photoproduction in the CLAS detector acceptance region will be presented and compared with the LEPS results.