

Exclusive Production of Pion Pairs at high Q^2 at CLEO

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We studied exclusive production of neutral and charged pions pairs in e^+e^- scattering at the center of mass energy near 10.6 GeV using the CLEO detector. We measured the cross section for such processes for the kinematic region where one of the final state electrons scatters at large angle. These cross sections are dominated by two-photon production at high Q^2 and also have a sizeable contribution from deep inelastic Compton scattering (in case of charged pions). We present preliminary results of our analysis and discuss the significance of our measurements.