Abstract Submitted for the APR14 Meeting of The American Physical Society

Neutrino Charged Current Quasi-Elastic Analysis at MINERVA KENYI HURTADO ANAMPA, JYOTSNA OSTA, Fermilab, MINERVA COLLAB-ORATION — MINERVA is a few GeV neutrino-nucleus scattering experiment designed to study low energy neutrino interactions both in support of neutrino oscillation experiments and as a pure weak probe of the nuclear medium. The experiment uses a fine-grained, high resolution detector. The active region is composed of plastic scintillator with additional targets of helium, carbon, iron, lead and water placed upstream of the active region. We present kinematic distributions from the double differential cross section analysis that aims to study quasi-elastic scattering of neutrinos in the active region as a function of the muon and proton observables. This analysis will use the low energy neutrino dataset recorded from November 2009 to April 2012.

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Date submitted: 11 Jan 2014 Electronic form version 1.4