Neutrino Spectrum from Semileptonic $D$ Decays

MICHAEL WEINBERGER, Cornell University, CLEO COLLABORATION — A preliminary measurement of the neutrino energy spectrum from semileptonic decays of the $D$ meson will be presented. The data analyzed was obtained by the CLEO-c detector, and was taken with center of mass energy at the $\psi(3770)$. The signal $D$ is found by tagging a $D$ on the opposite side of the event. The cleanliness of the event then allows the neutrino energy to be found by conservation laws. The methods for separating signal from background will also be discussed.