

FUV SPECTROSCOPY OF K 648

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We present preliminary results of an ongoing spectral analysis of K 648, the central star of the planetary nebula Ps 1, based on high resolution (F)UV spectra. K 648 in M 15 is one of only four known PNe in globular clusters. The formation of this object in a globular cluster is still unclear. Our aim is to determine T_{eff} , $\log g$, V_{rad} , and abundances of trace elements in order to improve our understanding of post-AGB evolution of extreme metal-poor stars, especially PNe formation in globular clusters. The observations were obtained using the Far Ultraviolet Spectroscopic Explorer (FUSE) and the Space Telescope Imaging Spectrograph (STIS) on board the Hubble Space Telescope (HST). We employed *TMAP*, the Tübingen NLTE Model Atmosphere Package, for the calculation of a grid of stellar atmospheres.