A LARGE-SCALE SURVEY OF WHITE DWARF COMPOSITION FROM THE FUSE ARCHIVE

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More than 100 hot white DA white dwarfs have been observed by the FUSE mission, exceeding by more than a factor 4 the numbers of stars observed at high sepctral resolution by IUE and HST together. Thus far, this resource has not been fully exploited, with, mostly, papers published on single or small numbers of objects. We now present a comprehensive analysis of white dwarf composition from the complete FUSE sample. In particular, this reveals important new information on the white dwarf abundance patterns at intermediate temperatures, between 20,000 and 45,000K, where the effects of radiative levitation are weak and where composition may be dominated by other physical processes such as accretion.