H IL2 Blue metal-poor stars

G. W. Preston

Carnegie Observatories, 813 Santa Barbara Street, Pasadena, California, USA

We review the discovery of Blue metal-poor stars (BMP) and the resolution of this population into blue stragglers (BS) and intermediate-age (IA) main-sequence stars by use of binary fractions. We show that the specific frequencies of blue stragglers in the halo field and in globular clusters differ by an order of magnitude, and we attribute this difference to the different modes of production of these two populations. We report C and s-process enrichment among very metal-poor field blue stragglers, and discuss how this result can be used to further resolve field blue stragglers into groups formed during RGB and AGB evolution of their erstwhile primary companions.

8 H: Evolved A-type stars