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A high-spectral-resolution study of abundances and isotopic composition of BHB stars in NGC 6397 and NGC 6752

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Abstract. Large abundance anomalies have previously been detected in horizontal-branch B-type stars. We present the first high-resolution study of isotopic anomalies and chemical abundances in six horizontal-branch B-type stars in the globular clusters NGC 6397 and NGC 6752, carried out with UVES on the *VLT* and compare them to those observed in chemically peculiar main-sequence stars.

Keywords. diffusion, stars: abundances, stars: chemically peculiar, stars: horizontal-branch, stars: fundamental parameters, stars: Population II, globular clusters: individual (NGC 6397, NGC 6752)

The full poster (in pdf format) is available at
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