

News about the AGB scenario for Globular Clusters formation

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In the framework of the AGB model for the formation in Globular Clusters of a “second generation” of stars showing the sign of p-processing in the abundances of light elements, we present new ideas and model results aimed at solving the discrepancies between observed and computed abundances. We focus on the problem of preserving a large Sodium abundance, while at the same time allowing anyway a stronger p-processing of Oxygen, Magnesium, Aluminum and Silicon. Comparisons are made with the prototype Globular Cluster NGC2808, whose stars display very large abundance variations of these elements.

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