
Role Be7 in enhancement of formation of heavy elements

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Abstract

Among the light particle group Li7 and Be7 have almost equal masses but their importance in formation of heavy ion chain is not same. Li7 is very stable and having long half life period with +ve reaction Q-values like Be7 but the later one nuclei has unstable shape which makes it so useful and important, even with very small half life period, in the process of heavy elements in the nucleosynthesis. Be7 has very igh affinity with Li6,7 and alpha particles. Few experimental result with analytical approach can be discussed in the talk

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