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The $p + p + e \rightarrow d + \nu$ reaction in the Sun

Abstrakt

A production of neutrinos in the triple process $p + p + e \rightarrow d + \nu$ at the Sun conditions is considered. An initial state containing three charged particles in continuum is described in the framework of hyperspherical expansion method. A probability of the reaction and neutrino flux on the Earth are calculated. The results are compared with experimetal data from Borexino group and with previous calculations.

Seminář se koná v pátek 24. 5. 2013 v 10:30 hod. v zasedací místnosti ÚJF Řež

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