

Influence of atomic effects on antineutrino spectrum of Pr-144

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^{144}Pr isotope is one of the most favorable antineutrino sources for short-baseline experiments aimed at sterile neutrino search. These experiments require precise theoretical knowledge of the antineutrino spectrum. We calculate antineutrino spectrum of ^{144}Pr taking into account various corrections. Particular attention is given to atomic effects.

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