Contribution ID : **454** Type : **Poster**

Influence of atomic effects on antineutrino spectrum of Pr-144

Monday, 22 October 2018 15:40 (150)

^{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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Session Classification : Poster session and coffee-buffet

Track Classification : Particle physics: neutrino physics