Dear Editors,

Thanks for the review of the paper. The paper was modified according to referee's comments. Here it is a reply to the comments, with corresponding list of changes of the revised manuscript.

With best regards,

Oleynikov Vladislav

Corresponding author

Comment 1. There are many cases of misuse of articles and punctuation marks.

Reply: I agree with all remarks and made the appropriate modifications.

Comment 2. In the fourth paragraph on page 1, “…it depends on the energy deposited by a recoil nuclear in the liquid…”. An incorrect phrase “a recoil nuclear” should be rephrased.

Reply: The sentence was modified:”… it depends on the energy deposited by a recoil nucleus in the liquid …”.

Comment 3. In the second paragraph on page 4, “The next step is to compare this experimental spectrum to that of theoretical”. Incorrect using of the word “theoretical”.

Reply: The sentence was modified: “The next step is to compare this experimental spectrum to the theoretical one.”.

Comment 4. In the third paragraph on page 4, “…just this spectrum should be compared to that of experimental”. Incorrect using of the word “experimental”.

Reply: The sentence was modified: “…just this spectrum should be compared to the experimental one”.

Comment 5. In the end of page 6, “…the ionization yield is first decreased and then increased with energy…”. You should use active voice.

Reply: The sentence was modified:”…the ionization yield first decreases and then increases with energy…”.

In addition, at the request of the co-authors the following modifications were made:

1. On page 2, “9-l” was changed to “nine-litre”
2. In affiliations Novosibirsk State Technical University was added for S. Polosatkin
3. The reference on the article “The study of neutron burst shape of a neutron tube driven by dispenser cathode” was added
4. The phrase “(in Russian)” was deleted for the reference “Yield determination for a titanium neutron-forming target”
5. The reference on the article “Study of cryogenic photomultiplier tubes for the future two-phase cryogenic avalanche detector” was added
6. In figure 5 the caption was changed from “Drift electric field (kV / cm)” to “Electric field (kV/cm)”