



Tarik Siddik Reshid &lt;tarik.reshid@su.edu.krd&gt;

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## Invitation to review revision for Applied Radiation and Isotopes

1 message

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**Applied Radiation and Isotopes** <em@editorialmanager.com>  
Reply-To: Applied Radiation and Isotopes <support@elsevier.com>  
To: Tarik Siddik <tarik.reshid@su.edu.krd>

Wed, Sep 21, 2022 at 11:22 PM

Manuscript Number: ARI-D-22-00570R1

A new empirical systematic for (n, 2p) reaction cross sections around 14 MeV

Dear Dr Siddik,

I would like to invite you to review the above referenced revised manuscript, as you kindly reviewed the previous version of this manuscript. Anonymised reviewer comments to author for the previous version are included below.

You should treat this invitation, the manuscript and your review as confidential. You must not share your review or information about the review process with anyone without the agreement of the editors and authors involved, even after publication. This also applies to other reviewers' "comments to author" which are shared with you on decision (and vice versa). For more information please visit: [http://service.elsevier.com/app/answers/detail/a\\_id/14156/supporthub/publishing/](http://service.elsevier.com/app/answers/detail/a_id/14156/supporthub/publishing/)

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If you would like to re-review this paper, please click this link:  
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If you decline to review I would appreciate your suggestions for alternate reviewers.

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Since timely reviews are of utmost importance to authors, I would appreciate receiving your review within 14 days of accepting this invitation.

I hope you will be able to review this manuscript. Thank you in advance for your contribution and time.

As a reviewer you are entitled to complimentary access to references, abstracts, and full-text articles on ScienceDirect and Scopus for 30 days. Full details on how to claim your access via Reviewer Hub ([reviewerhub.elsevier.com](http://reviewerhub.elsevier.com)) will be provided upon your acceptance of this invitation to review.

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Kind regards,

Ferenc Szelecsenyi  
Receiving Editor  
Applied Radiation and Isotopes

Comments to author for previous version:  
Reviewer 1: (Previous Version)  
Review Report

The manuscript ARI-D-22-00570 "A new empirical systematic for (n, 2p) cross sections around 14 MeV" reports on new empirical cross section calculations for evaluating (n,2p) cross sections.

The results obtained by the proposed empirical formula in the paper are worth to be published in ARI. However some revisions must be considered before its publication.

- \* Can the formulas in this paper be formed taking into accounting the odd-even properties of target nuclei?
- \* The title of the manuscript should be changed to "A new empirical systematic for (n, 2p) reaction cross sections around 14 MeV"
- \* The theoretical approaches used in the empirical formulas should be given in the text.

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