



SDI Review Form 1.6

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_52078
Title of the Manuscript:	Study of (p,n) reaction in a wide energy range
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>This work is about the quasi-elastic scattering (p,n) reactions using the optical potential model and density independent and dependent semi-microscopic approach.</p> <ol style="list-style-type: none"> 1. The authors said they are using the nuclear real potential calculated by the folding procedure and the imaginary W-S potential parameters are determined by fitting the experimental data. However, in table 1-10, they show W-S parameters for the real potentials, V, r, a. The author should explain this confusing situation. 2. In eq.10 and 11, they show strange looking numbers such 7999, 2134, etc. They should explain where they got these numbers Also it shows small s instead of large s which is shown in eq.9. Delta(s) should be explained, too. 3. P in eq.14 is not explained. 4. In Eq. 20, they show an eq. which is obtained by fitting 5 data point, as shown in fig.1. I wonder what is the use of this eq. 5. In page2, line 69, the definition of the epsilon should be shown in line55, after the epsilon. 6. There are several typos, such as "is turn out" in line 144, on page 4. 7. In line 141, on page 4, J_0 is not defined. 8. In my opinion, the fit to the data shown in figures are not so good. I wonder why they are saying they got good agreement with data. They should show some reference regarding this comment. 	
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	



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