

#### Editorial Comment:

The manuscript has improved during the last revision.

Besides typos such as pervious -> previous in Section 4.1, the equations come without any derivation or references.

I don't know what to do with Ref [6].

Page 13: "As you see" should eventually be replaced by "As one can see".

The conclusions are weak. I wonder if Fig. 1 had been newly created by the authors, or if they need to quote a reference.

#### Author's feedback:

Thanks a lot for your tolerance.

1. Fig 1 Quoted now.

2. Ref [6]: reported the studies and results on Thermal and nuclear aspects of the Pd/D<sub>2</sub>O system, It means the reports of this field in 2002 are existed in this reference.

3. I forgot to mention the references of the formula. Now, it's mentioned in the manuscript.

4. I tried to correct typos