

We thank to the Reviewer 2 for the detailed inspection and comments which improved the quality of the manuscript. Two figures as mentioned are revised by editing the labels of the Figure 6 and in Figure 3 cropped part of the figure is improved now. Also, $\ln E_{\text{obs}} = \ln E_{\text{mod}}$ is used to minimize the error function which is calculated using least squares method mentioned now in the text in more detail.

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