Q1: Running title can be reduced to:

“Determination of -U properties via AIMD”

Q2: Article title insertion appears correct

Q3: Author surnames are correct

Q4: The author noted has been instructed to register for frontiers

Q5: Author affiliations are correct

Q6: Affil 1: Department of Nuclear Engineering. Affil 3: Department of Nuclear Engineering and Radiological Sciences

Q7: Email is correct

Q8: Keywords are correct

Q9: Section headers look good

Q10: Equations look good

Q11: N/A

Q12: Data statement is correct

Q13: The CoI statement has been amended and the corrected pdf emailed to frontiers

Q14: Author contribution section is correct

Q15: Funding information is correct

Q16: This is an acceptable modification

Q17: This text has been modified, refer to Q13 and the associated pdf

Q18: Supplementary information, previously included in the abstract, will be attached as additional files, both .tex and .pdf versions.

Q19: Refer to Q18.

Q20: The DOI is: <https://doi.org/10.1016/j.jnucmat.2020.152714> The reference was entered incorrectly as article number 152415, instead of 152714. Please provide this correction as well.

Q21:

Leggett et al., 1963, This is a technical report published under Hanford Laboratories. Thus the publisher is already listed.

Lide, 2000, Published is CRC Press, already listed

Paine and Kittel, 1958, This is a technical report published under Argonne National Laboratory. Thus the publisher is already listed.

Touloukian et al., 1975. The published is IFI/Plenum. Already listed.

Q22: N/A. This is a redundant comment from Q11.