

Thank you very much for all the comments and suggestions from the editor and reviewer. The manuscript has been updated and here I list the answers to the questions one by one.

Q1: In abstract, what is JUNO CD?

Answer/Modification: CD is short for Central Detector. It has been modified in the manuscript.

Q2: Figure 1: The scheme of the JUNO detector.

Answer/Modification: It has been modified in the manuscript.

Q3: "PhotoMultiple Tubes" wrong.

Answer/Modification: Sorry for the typo, it has been modified in the manuscript.

Q4: Can you provide more information or reference for "Online Scintillator Internal Radioactivity Investigation System"?

Answer/Modification: A reference for OSIRIS has been added to the manuscript.

Q5: In 2.2 WCD and TT introduced second time.

Answer/Modification: It has been modified in the manuscript.

Q6: "PolyEthyleney" you mean Polyethylene?

Answer/Modification: Yes, it is. It has been modified in the manuscript.

Q7: In 2.4 GD-LS detector? You mean gadolinium based?

Answer/Modification: Sorry for the confusion, JUNO TAO will use gadolinium-based LS as the target. It has been updated in the manuscript.