

## Corrigendum

# Corrigendum to “Comparative analysis of gas release from biphasic lithium ceramics pebble beds of various pebbles sizes and content under neutron irradiation conditions” [Nucl. Mater. Energy 38 (2024) 101583]

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The authors regret, that when analyzing the primary spectra of the mass spectrometer, namely the dependences of the change in pressure of gases with mass number M4, a significant inaccuracy was made - the different probability of ionization of helium and the HT molecule was not taken into account, which led to an incorrect assessment of the equilibrium release of tritium from the ceramics.

To maintain the exact meaning, it was necessary to make a change to the article of the following nature: the graphs in Fig. 10 (which shows

the results of simulation tritium release at the initial stage of the experiments) were renormalized in accordance with the updated data on tritium release (the shape of the graphs did not change, but the range of fluxes tritium release is now indicated correctly).

Corrected Fig. 10 is shown below.

Also, in the “Acknowledgments” section the program number should be read as No. BR21881930.

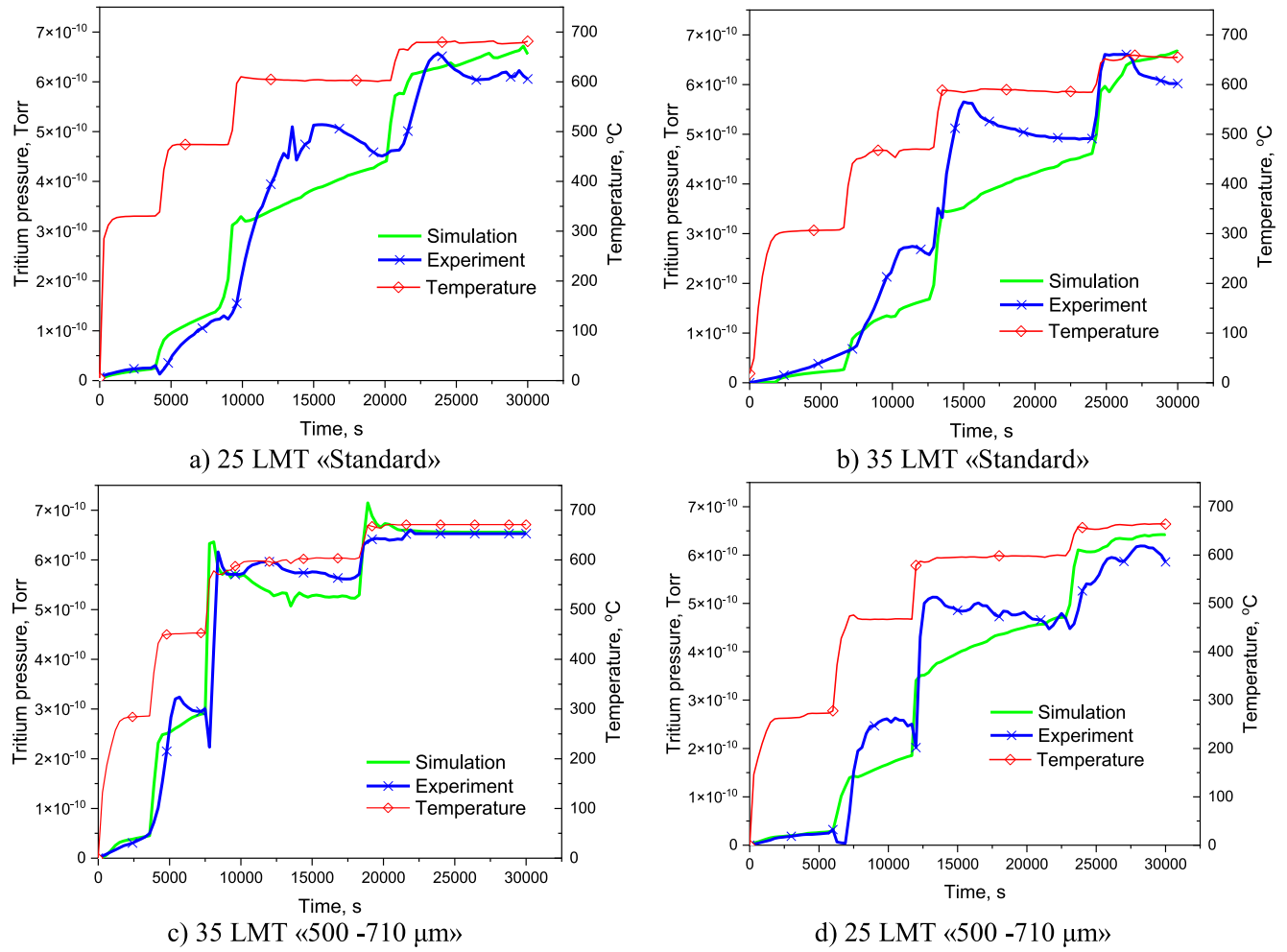
The authors would like to apologise for any inconvenience caused.

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**Fig. 10.** Results of tritium ( $T_2$ ) release simulation from biphasic lithium ceramics samples (when estimating the absolute values of tritium fluxes, the contribution of M4 (pressures of the HT and He molecules) and various degrees of ionization of these molecules are taken into account).