

Letters to referees

Referee Ileana Radulescu

Dear Mrs. Radulescu,

As the contact author I would like to answer to your new comments.

“Approximately 3 % to 12 %” delete 1.

Answer: I have checked the reference (Martin-Gisbert et al., 2023) again and it says 12 %.

“As they were created with differing amounts of ^{226}Ra they were expected to create atmospheres of differing ^{222}Rn activity concentrations.” Because they were created with different amounts of ^{226}Ra , they were expected to create atmospheres with different ^{222}Rn activity concentrations.

Answer: I have changed this in the revised manuscript.

Line 347 Some how these calibration factors are not numbered in order, is k1, k2, then k5.

Answer: After discussion with the co-authors it turned out that there was no 5th RRI and therefore I have changed “ k_5 ” to “ k_3 ” in the revised manuscript. Thank you for pointing out this error.

Thank you very much,

Tanita Ballé

This answer has been agreed to by all co-authors.