

Short Communication

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Radium's Lack of Stable Isotopes Can be Explained by Radioactivity

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Lack of stable isotopes of radium can be explained by radioactivity

Discussion

There are 34 isotopes of radium, but none of them is stable. 80 of the first 82 elements have stable isotopes.

Technetium and promethium (atomic numbers 43 and 61, respectively) and all the elements with an atomic number over 82 only have isotopes that are known to decompose through radioactive decay. (List of elements by stability of isotopes, accessed on 9.19.2023)

Radiation therapy can be linked to deaths as radiation makes the element unstable. St. Francis Hospital in Evanston used radiation therapy on my mother Jane Frances and the instability of radiation and elements with radiation can be a reason for a death. Me with a Masters in Library and Information Sciences can argue that my health sciences librarianship class with an A in it makes me able to say radiation therapy can be a factor in deaths.

Conclusion

Instability of radiation creating unstable isotopes can be said to be a factor in deaths of those who receive radiation therapy.

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