New nuclides included for the first time in the 2023 evaluation.

| Isotopes | First Author | Journal | Ref. | Method | Laboratory | Country | Year |
|---|---|---|---|---|---|---|---|
| $^{27}$O, $^{28}$O | Y. Kondo | Nature | [1] | SB | RIKEN | Japan | 2023 |
| $^{9}$N | R. J. Charity | Phys. Rev. Lett. | [2] | SB | MSU | USA | 2023 |
| $^{241}$U | T. Niwase | Phys. Rev. Lett. | [3] | TR | RIKEN | Japan | 2023 |
| $^{190}$At | H. Kokkonen | Phys. Rev. C | [4] | FE | Jyväskylä | Finland | 2023 |
| $^{189}$Lu, $^{191}$Hf, $^{192}$Hf | K. T. Haak | Phjys. Rev. C | [5] | PF | MSU | USA | 2023 |
| $^{276}$Ds, $^{272}$Hs, $^{268}$Sg | Yu. Ts. Oganessian | Phys. Rev. C | [6] | FE | Dubna | Russia | |

**References**


[1] Y. Kondo *et al.*, Nature 620 (2023) 965.

[2] R. J. Charity *et al.*, Phys. Rev. Lett. 131 (2023) 172501.

[3] T. Niwase *et al.*, Phys. Rev. Lett. 130 (2023) 132502.

[4] H. Kokkonen *et al.*, Phys. Rev. C 127 (2023) 064312.

[5] K. Haak *et al.*, Phys. Rev. C 108 (2023) 034608.

[6] Yu. Ts. Oganessian *et al.*, Phys. Rev. C 108 (2023) 024611.