Comment

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Comment on: Spectroscopy of super heavy elements with GABRIELA

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In a recent paper Lopez-Martens et al. [1] claimed to have discovered the K isomer ^{253m2}No. Indeed, first identification ('discovery') was done independently at the VASSILISSA separator at FLNR, JINR, Dubna, Russia [2] (received 2 March 2007, published online: 12 June 2007) and at the velocity filter SHIP at GSI, Darmstadt, Germany [3]. The SHIP results were first time presented at 'The International Conference on Nuclear Structure and Related Topics, Dubna, Russia, 13–17 June 2006 and reported in the conference proceedings [3] (received 31 October 2006, published in August 2007).

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References

- 1. A. Lopez-Martens et al., Eur. Phys. J. A 58, 134 (2022)
- 2. A. Lopez-Martens et al., Eur. Phys. J. A 32, 245 (2007)
- 3. F.P. Heßberger, Phys. At. Nucl. **70**, 1445 (2007)

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