

New nuclides included in the 2012 evaluation. In addition to 67 nuclides discovered in 2012, the 2008 discovery of ^{239}Cm was included. The nuclides were produced in fusion evaporation (FE), projectile fragmentation (PF), and secondary beam (SB) reactions.

Isotope	First Author	Journal	Ref.	Method	Laboratory	Country	Year
^{16}Be	A. Spyrou	Phys. Rev. Lett.	[1]	SB	Michigan State	USA	2012
^{26}O	E. Lunderberg	Phys. Rev. Lett.	[2]	SB	Michigan State	USA	2012
^{28}F	G. Christian	Phys. Rev. Lett.	[3]	SB	Michigan State	USA	2012
^{95}Cd	C. B. Hinke	Nature	[4]	PF	Darmstadt	Germany	2012
^{97}In	C. B. Hinke	Nature	[4]	PF	Darmstadt	Germany	2012
^{99}Sn	C. B. Hinke	Nature	[4]	PF	Darmstadt	Germany	2012
^{155}Pr	J. Van Schelt	Phys. Rev. C	[5]	SB	Argonne	USA	2012
^{157}Nd	J. Van Schelt	Phys. Rev. C	[5]	SB	Argonne	USA	2012
^{158}Nd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{159}Nd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{160}Nd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{161}Nd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{160}Pm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{161}Pm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{162}Pm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{163}Pm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{163}Sm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{164}Sm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{165}Sm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{167}Eu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{168}Eu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{167}Gd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{168}Gd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{169}Gd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{170}Gd	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{169}Tb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{170}Tb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{171}Tb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{172}Tb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{171}Dy	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{172}Dy	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{173}Dy	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{174}Dy	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{173}Ho	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{174}Ho	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{175}Ho	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{176}Ho	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{176}Er	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{177}Er	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{178}Er	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{178}Tm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{179}Tm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{180}Tm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
^{181}Tm	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012

Isotope	First Author	Journal	Ref.	Method	Laboratory	Country	Year
¹⁸¹ Yb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸² Yb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸³ Yb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁴ Yb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁵ Yb	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁵ Lu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁶ Lu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁷ Lu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁸⁸ Lu	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁰ Hf	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹³ Ta	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁴ Ta	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁵ W	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁶ W	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁷ W	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁸ Re	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
¹⁹⁹ Re	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰² Os	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰³ Os	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰⁵ Ir	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰⁶ Pt	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰⁷ Pt	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²⁰⁸ Pt	J. Kurcewicz	Phys. Lett. B	[6]	PF	Darmstadt	Germany	2012
²³⁹ Cm	Z. Qin	Radiochim. Acta	[7]	FE	Darmstadt	Germany	2008

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