^{208}Pb(^{90}Zr,Xγ) 2005Ga44,2006UrZZ

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 113, 2187 (2012)	15-Sep-2012

Other: 2007Co21.

2005Ga44, 2006UrZZ, 2007Co21: E(^{90}Zr)=560 MeV; PRISMA spectrometer At 62° for detection of projectile-like fragments; CLARA array for detection of γ-rays emitted following binary reactions; measured Eγ, fragment-γ coin.

The level scheme is taken from the literature by 2006UrZZ.

^{92}Zr Levels

E(level)†	J$^{\pi}$‡
0.0	0^+
934	2^+
1495	4^+
2957	6^+
3308	(8^+)
4296	(10^+)
4946	(12^+)
6044	(14^+)
7444	(16^+)

† From Eγ.

‡ From Adopted Levels.

γ(^{92}Zr)

E$_\gamma$†	E$_i$(level)	J$_i^{\pi}$	E$_f$	J$_f^{\pi}$
351	3308	(8^+)	2957	6^+
561	1495	4^+	934	2^+
650	4946	(12^+)	4296	(10^+)
934	934	2^+	0.0	0^+
988	4296	(10^+)	3308	(8^+)
1098	6044	(14^+)	4946	(12^+)
1400	7444	(16^+)	6044	(14^+)
1462	2957	6^+	1495	4^+

† From γ spectrum In fig. 3 of 2005Ga44.

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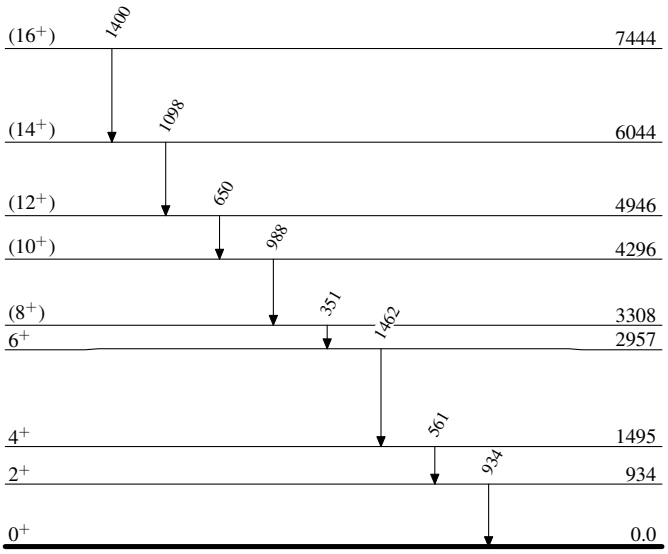
Level Scheme



$^{92}_{40}Zr_{52}$