^{96}Ru(^{3}He,2nγ) 1982Fe01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 111, 525 (2010)	19-Nov-2009

^{97}Pd Levels

E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$.

E(level)	J$^{\pi}$[†]
0.0	(5/2$^+$)
686.2	(7/2$^+$)
1294.2	(9/2$^+$)
1880.9	(13/2$^+$)
1942.3	
2140.3	
2175.4	
2243.4	(17/2$^+$)
2468.2	(19/2$^+$)
2480.7	

[†] From Adopted Levels. The authors suggest a number of additional spin assignments based on shell model consideration.

γ(^{97}Pd)

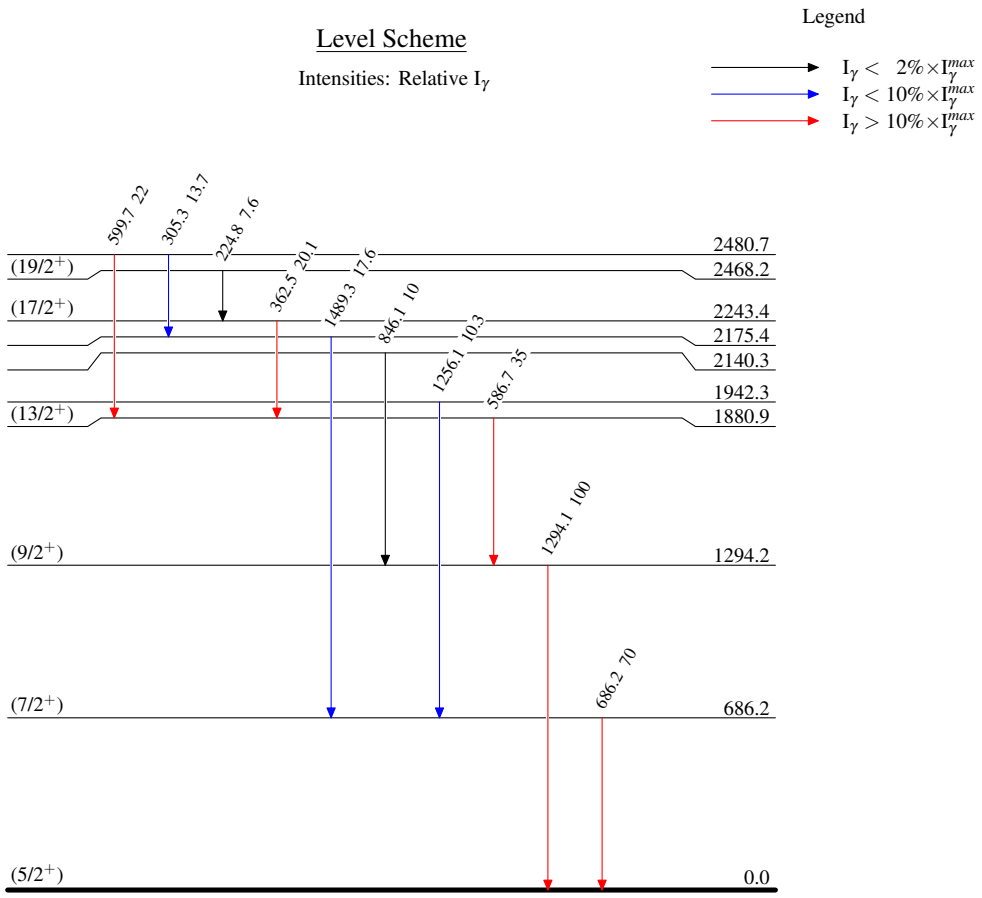
E$_\gamma$	I$_\gamma$[†]	E$_i$(level)	J$_i^{\pi}$	E$_f$	J$_f^{\pi}$
224.8 *2*	7.6 *8*	2468.2	(19/2$^+$)	2243.4	(17/2$^+$)
305.3 *3*	13.7 *14*	2480.7		2175.4	
362.5 *4*	20.1 *20*	2243.4	(17/2$^+$)	1880.9	(13/2$^+$)
586.7 *6*	35[‡#] *7*	1880.9	(13/2$^+$)	1294.2	(9/2$^+$)
599.7 *6*	22 *2*	2480.7		1880.9	(13/2$^+$)
686.2 *7*	70[‡] *14*	686.2	(7/2$^+$)	0.0	(5/2$^+$)
846.1 *8*	10[‡#] *2*	2140.3		1294.2	(9/2$^+$)
1256.1 *13*	10.3 *10*	1942.3		686.2	(7/2$^+$)
1294.1 *12*	100 *10*	1294.2	(9/2$^+$)	0.0	(5/2$^+$)
1489.3 *15*	17.6 *18*	2175.4		686.2	(7/2$^+$)

[†] Relative intensity.
[‡] Relative intensity from coin data.
[#] The value quoted is from table 1 in 1982Fe01; fig. 2 gives Iγ(586.7)=65.0 and Iγ(846.1)=19.0.

^{96}Ru(^{3}He,2nγ) 1982Fe01

Level Scheme

Intensities: Relative I_γ



$^{97}_{46}Pd_{51}$