^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh	NDS 114, 841 (2013)	30-Jun-2013

Dataset for placed γ rays. See a separate dataset for a large number of unplaced γ rays.

1984To11,1982ToZS: both references (1982ToZT is a thesis) are from the same lab; measured γ, ce; enriched target.
Curved-crystal spectrometers were used for γ rays below 2 MeV and pair spectrometer was used for γ rays above 2 MeV.

1981En07: three-crystal-pair spectrometer was used, measured primary and secondary γ rays.

2007ChZX: PGAA-database. In measurements of elemental cross sections at Budapest, 18 secondary and 2 primary gamma rays were identified for ^{75}Se. These are listed under document records.

Others: 1984NeZR, 1983Ah01, 1973Ak02, 1970Ru06, 1967Dr03.

The level scheme is from 1984To11 and primary γ data of 1981En07, 1984To11, 1973Ak02.

^{75}Se Levels

E(level)	J$^\pi$†	E(level)	J$^\pi$†	E(level)	J$^\pi$†
0.0	5/2$^+$	1047.185 *8*	5/2$^-$,7/2$^-$	2030.36# *12*	3/2$^+$,5/2$^+$
112.3875 *12*	7/2$^+$	1073.825 *3*	5/2$^-$	2166.69# *10*	1/2,3/2,5/2$^+$
133.040 *3*	9/2$^+$	1144.459 *18*	3/2$^+$,5/2$^+$	2242.09# *16*	
286.5710 *21*	3/2$^-$	1184.188 *5*	1/2,3/2,5/2	2271.22# *16*	
293.105 *3*	1/2$^-$	1198.535 *4*	5/2$^+$	2456.43# *7*	3/2$^+$,5/2$^+$
427.8849 *21*	5/2$^-$	1245.244 *7*	3/2$^-$	2565.39# *7*	1/2$^+$
585.9507 *23*	3/2$^-$	1301.707 *17*	5/2,7/2	2597.78# *9*	1/2,3/2,5/2$^+$
610.715 *3*	1/2$^+$	1374.513 *18*	1/2,3/2,5/2	2631.81# *9*	1/2$^+$
628.4308 *22*	5/2$^+$	1431.96 *6*		2737.41# *8*	1/2,3/2,5/2$^+$
663.9565 *23*	5/2$^-$	1454.676 *18*		2782.08# *10*	
747.6492 *25*	7/2$^-$	1560.889 *14*	(5/2,7/2$^-$)	2887.18# *7*	
777.3228 *25*	5/2$^-$	1589.534 *13*	5/2$^+$	2940.92# *12*	3/2$^+$,5/2$^+$
789.990 *6*	7/2$^{(+)}$	1652.78# *9*	5/2$^+$	3152.60# *8*	3/2$^+$,5/2$^+$
839.893 *3*	3/2$^+$	1673.37 *8*	(1/2$^-$,3/2$^-$)	3182.31# *9*	
859.537 *3*	3/2$^-$	1802.03# *8*	3/2$^+$,5/2$^+$	3210.43# *15*	
895.274 *3*	1/2$^-$,3/2$^-$	1810.70 *9*	1/2$^-$,3/2$^-$	3333.09# *23*	3/2$^+$,5/2$^+$
953.297 *10*	5/2$^+$,7/2	1894.97# *8*		3340.10# *25*	
962.643 *3*	3/2$^-$	1943.34# *10*		3619.36# *15*	1/2$^+$
1003.846 *6*	5/2$^+$	1958.34# *15*		(8027.58@ *4*)	1/2$^+$‡
1020.470 *9*	1/2$^-$,3/2$^-$	1986.03# *8*	1/2,3/2,5/2$^+$		

† See Adopted Levels.
‡ For s-wave capture.
# Defined by a primary transition (1981En07,1984To11,1973Ak02).
@ S(n)=8027.60 *7* (2012Wa38).

^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07 (continued)

$\gamma(^{75}Se)$

E_γ †	I_γ a	E_i(level)	J_i^π	E_f	J_f^π	Mult. ‡	δ ‡	α #	Comments
83.6914 *26*	0.012 *4*	747.6492	7/2$^-$	663.9565	5/2$^-$				
112.3880 *12*	6.0 *5*	112.3875	7/2$^+$	0.0	5/2$^+$	M1+E2	0.336 *27*	0.121 *8*	α(K)=0.106 *7*; α(L)=0.0127 *9*; α(M)=0.00198 *13*; α(N)=0.000160 *10* Additional information 1.
113.375 *4*	0.026 *7*	777.3228	5/2$^-$	663.9565	5/2$^-$				
133.0405 *29*	0.089 *13*	133.040	9/2$^+$	0.0	5/2$^+$	E2		0.288	α(K)=0.251 *4*; α(L)=0.0318 *5*; α(M)=0.00492 *7*; α(N)=0.000385 *6* α(K)exp=0.35 *6*.
141.3147 *22*	4.0 *4*	427.8849	5/2$^-$	286.5710	3/2$^-$	M1+E2	0.26 *5*	0.052 *5*	α(K)=0.046 *4*; α(L)=0.0052 *6*; α(M)=0.00081 *8*; α(N)=6.7×10^{-5} *7* Additional information 3. α(K)exp=0.045 *4*, α(L1)exp=0.0049 *5*.
161.561 *10*	0.012 *3*	789.990	7/2$^{(+)}$	628.4308	5/2$^+$				
175.973 *9*	0.011 *2*	953.297	5/2$^+$,7/2	777.3228	5/2$^-$				
191.3710 *21*	0.197 *12*	777.3228	5/2$^-$	585.9507	3/2$^-$				
195.5812 *24*	0.78 *4*	859.537	3/2$^-$	663.9565	5/2$^-$				
211.4614 *20*	0.72 *5*	839.893	3/2$^+$	628.4308	5/2$^+$	M1		0.01403	α(K)=0.01246 *18*; α(L)=0.001338 *19*; α(M)=0.000208 *3*; α(N)=1.771×10^{-5} *25* α(K)exp=0.0120 *11*.
229.178 *4*	0.38 *5*	839.893	3/2$^+$	610.715	1/2$^+$	M1		0.01143	α(K)=0.01016 *15*; α(L)=0.001088 *16*; α(M)=0.0001696 *24*; α(N)=1.442×10^{-5} *21* α(K)exp=0.0109 *27*.
231.109 *5*	0.032 *4*	859.537	3/2$^-$	628.4308	5/2$^+$				
236.075 *4*	0.44 *5*	663.9565	5/2$^-$	427.8849	5/2$^-$	M1(+E2)	0.32 *17*	0.012 *3*	α(K)=0.0114 *22*; α(L)=0.0012 *3*; α(M)=0.00019 *4*; α(N)=1.6×10^{-5} *4* Additional information 8. α(K)exp=0.0114 *21*.
284.557 *5*	0.145 *14*	895.274	1/2$^-$,3/2$^-$	610.715	1/2$^+$				
286.572 *5*	54 *6*	286.5710	3/2$^-$	0.0	5/2$^+$	E1		0.00362 *5*	α=0.00362 *5*; α(K)=0.00323 *5*; α(L)=0.000337 *5*; α(M)=5.24×10^{-5} *8*; α(N)=4.43×10^{-6} *7* Additional information 2. α(K)exp=0.0034 *4*, α(L1)exp=0.00033 *4*, α(M)exp=5.7×10^{-5} *12*.
292.844 *4*	5.8 *3*	585.9507	3/2$^-$	293.105	1/2$^-$	M1		0.00620 *9*	α=0.00620 *9*; α(K)=0.00552 *8*; α(L)=0.000587 *9*; α(M)=9.14×10^{-5} *13*; α(N)=7.79×10^{-6} *11* Additional information 5. α(K)exp=0.0053 *5*.
298.6843 *29*	0.213 *15*	962.643	3/2$^-$	663.9565	5/2$^-$				
299.377 *3*	0.64 *5*	585.9507	3/2$^-$	286.5710	3/2$^-$	M1		0.00587 *9*	α=0.00587 *9*; α(K)=0.00522 *8*; α(L)=0.000556 *8*; α(M)=8.66×10^{-5} *13*; α(N)=7.37×10^{-6} *11* Additional information 6. α(K)exp=0.0051 *9*.

$^{75}_{34}Se_{41}$-2

$\gamma(^{75}Se)$ (continued)

E_γ [†]	I_γ [a]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[‡]	δ[‡]	α[#]	Comments
309.323 *3*	0.183 *14*	895.274	1/2$^-$,3/2$^-$	585.9507	3/2$^-$				
315.498 *5*	0.53 *4*	427.8849	5/2$^-$	112.3875	7/2$^+$				
317.6101 *28*	0.614 *29*	610.715	1/2$^+$	293.105	1/2$^-$				
319.765 *3*	0.53 *3*	747.6492	7/2$^-$	427.8849	5/2$^-$	M1(+E2)	0.37 *20*	0.0058 *9*	α=0.0058 *9*; α(K)=0.0052 *8*; α(L)=0.00056 *9*; α(M)=8.7×10^{-5} *14*; α(N)=7.3×10^{-6} *11*
324.134 *12*	0.015 *2*	610.715	1/2$^+$	286.5710	3/2$^-$				
324.650 *4*	0.154 *9*	1184.188	1/2,3/2,5/2	859.537	3/2$^-$				
326.1748 *22*	0.166 *9*	1073.825	5/2$^-$	747.6492	7/2$^-$				
334.215 *5*	0.053 *4*	962.643	3/2$^-$	628.4308	5/2$^+$				
341.862 *4*	0.090 *6*	628.4308	5/2$^+$	286.5710	3/2$^-$				
349.434 *4*	0.73 *4*	777.3228	5/2$^-$	427.8849	5/2$^-$				
370.852 *15*	0.010 *3*	663.9565	5/2$^-$	293.105	1/2$^-$				
375.418 *6*	0.032 *5*	1003.846	5/2$^+$	628.4308	5/2$^+$				
376.696 *8*	0.062 *9*	962.643	3/2$^-$	585.9507	3/2$^-$				
377.385 *4*	2.41 *13*	663.9565	5/2$^-$	286.5710	3/2$^-$	M1			Additional information 9. α(K)exp=0.0028 *4*.
427.883 *4*	2.88 *16*	427.8849	5/2$^-$	0.0	5/2$^+$	E1		0.001230 *18*	α=0.001230 *18*; α(K)=0.001096 *16*; α(L)=0.0001142 *16*; α(M)=1.774×10^{-5} *25* Additional information 4. α(K)exp=0.00083 *11*.
431.652 *4*	1.90 *9*	859.537	3/2$^-$	427.8849	5/2$^-$	M1			α(K)exp=0.0021 *3*.
461.081 *5*	0.205 *26*	747.6492	7/2$^-$	286.5710	3/2$^-$				
467.389 *6*	0.075 *16*	895.274	1/2$^-$,3/2$^-$	427.8849	5/2$^-$				
484.212 *5*	0.58 *3*	777.3228	5/2$^-$	293.105	1/2$^-$	E2			α(K)exp=0.0037 *8*.
487.873 *5*	0.175 *17*	1073.825	5/2$^-$	585.9507	3/2$^-$				
490.748 *4*	0.75 *4*	777.3228	5/2$^-$	286.5710	3/2$^-$				
495.390 *5*	0.227 *17*	628.4308	5/2$^+$	133.040	9/2$^+$				
516.042 *5*	2.8 *3*	628.4308	5/2$^+$	112.3875	7/2$^+$	M1(+E2)			Additional information 7. α(K)exp=0.0016 *3*.
534.577 *4*	0.197 *22*	1198.535	5/2$^+$	663.9565	5/2$^-$				
534.758 *7*	0.25 *4*	962.643	3/2$^-$	427.8849	5/2$^-$				
551.568 *6*	0.167 *14*	663.9565	5/2$^-$	112.3875	7/2$^+$				
566.437 *8*	0.236 *18*	859.537	3/2$^-$	293.105	1/2$^-$				
572.968 *12*	1.14 *13*	859.537	3/2$^-$	286.5710	3/2$^-$				Additional information 12.
585.944 *6*	0.368 *28*	585.9507	3/2$^-$	0.0	5/2$^+$				
598.246 *9*	0.37 *3*	1184.188	1/2,3/2,5/2	585.9507	3/2$^-$				
608.698 *5*	2.05 *15*	895.274	1/2$^-$,3/2$^-$	286.5710	3/2$^-$	(M1+E2)			α(K)exp=0.00096 *267*.
610.712 *6*	6.0 *4*	610.715	1/2$^+$	0.0	5/2$^+$	(E2)			α(K)exp=0.00119 *17*.
619.297 *7*	0.189 *22*	1047.185	5/2$^-$,7/2$^-$	427.8849	5/2$^-$				
628.428 *6*	0.56 *4*	628.4308	5/2$^+$	0.0	5/2$^+$				
635.274 *11*	0.101 *14*	747.6492	7/2$^-$	112.3875	7/2$^+$				
645.925 *10*	0.197 *14*	1073.825	5/2$^-$	427.8849	5/2$^-$				
656.04[@] *14*	0.026 *7*	789.990	7/2$^{(+)}$	133.040	9/2$^+$				

$^{75}_{34}Se_{41}$-3

$\gamma(^{75}Se)$ (continued)

E_γ [†]	I_γ [a]	E_i(level)	J_i^π	E_f	J_f^π	Mult. [‡]	Comments
659.295 *8*	0.241 *12*	1245.244	3/2$^-$	585.9507	3/2$^-$		
663.98 *6*	0.034 *3*	663.9565	5/2$^-$	0.0	5/2$^+$		
669.535 *11*	0.205 *11*	962.643	3/2$^-$	293.105	1/2$^-$		
676.071 *6*	1.75 *9*	962.643	3/2$^-$	286.5710	3/2$^-$		
677.597 *8*	0.328 *18*	789.990	7/2$^{(+)}$	112.3875	7/2$^+$		Additional information 10.
684.27 *6*	0.020 *2*	1431.96		747.6492	7/2$^-$		
701.487[@] *16*	0.70 *5*	1560.889	(5/2,7/2$^-$)	859.537	3/2$^-$		
727.516 *12*	0.132 *12*	839.893	3/2$^+$	112.3875	7/2$^+$		
733.895 *8*	3.82 *17*	1020.470	1/2$^-$,3/2$^-$	286.5710	3/2$^-$	(M1)	Additional information 14. α(K)exp=0.00044 *6*.
747.63 *3*	0.056 *11*	747.6492	7/2$^-$	0.0	5/2$^+$		
760.63 *3*	0.055 *7*	1047.185	5/2$^-$,7/2$^-$	286.5710	3/2$^-$		E_γ: assigned by the evaluators on the basis of (p,nγ) and (α,nγ).
768.36 *21*	0.029 *13*	1431.96		663.9565	5/2$^-$		
770.644 *9*	0.82 *5*	1198.535	5/2$^+$	427.8849	5/2$^-$		
777.350 *24*	0.047 *6*	777.3228	5/2$^-$	0.0	5/2$^+$		
780.707 *14*	0.112 *10*	1073.825	5/2$^-$	293.105	1/2$^-$		
788.558 *17*	0.310 *16*	1374.513	1/2,3/2,5/2	585.9507	3/2$^-$		Additional information 16.
789.995 *14*	0.413 *21*	789.990	7/2$^{(+)}$	0.0	5/2$^+$		
819.9 *5*	0.021 *7*	953.297	5/2$^+$,7/2	133.040	9/2$^+$		
839.882 *11*	3.66 *18*	839.893	3/2$^+$	0.0	5/2$^+$	M1	Additional information 11. α(K)exp=0.00043 *6*.
841.14 *23*	0.038 *21*	953.297	5/2$^+$,7/2	112.3875	7/2$^+$		
859.472 *24*	0.149 *10*	859.537	3/2$^-$	0.0	5/2$^+$		
868.720 *17*	0.179 *15*	1454.676		585.9507	3/2$^-$		
870.89 *8*	0.044 *11*	1003.846	5/2$^+$	133.040	9/2$^+$		
873.818 *17*	0.292 *16*	1301.707	5/2,7/2	427.8849	5/2$^-$		
891.462 *15*	0.98 *18*	1003.846	5/2$^+$	112.3875	7/2$^+$		
897.603 *11*	1.06 *5*	1184.188	1/2,3/2,5/2	286.5710	3/2$^-$		
911.953 *14*	1.77 *14*	1198.535	5/2$^+$	286.5710	3/2$^-$		Additional information 15.
952.123 *12*	1.20 *7*	1245.244	3/2$^-$	293.105	1/2$^-$		
953.38 *9*	0.063 *11*	953.297	5/2$^+$,7/2	0.0	5/2$^+$		
958.62 *4*	0.123 *16*	1245.244	3/2$^-$	286.5710	3/2$^-$		
961.439 *20*	0.56 *5*	1073.825	5/2$^-$	112.3875	7/2$^+$		
962.633 *14*	1.56 *17*	962.643	3/2$^-$	0.0	5/2$^+$		Additional information 13.
974.610[@] *24*	0.257 *18*	1560.889	(5/2,7/2$^-$)	585.9507	3/2$^-$		
978.813 *12*	1.73 *11*	1589.534	5/2$^+$	610.715	1/2$^+$		Additional information 17.
1003.806 *14*	0.88 *5*	1003.846	5/2$^+$	0.0	5/2$^+$		
1073.87 *4*	0.077 *7*	1073.825	5/2$^-$	0.0	5/2$^+$		
1144.449 *18*	2.52 *15*	1144.459	3/2$^+$,5/2$^+$	0.0	5/2$^+$		
1189.29 *6*	0.170 *19*	1301.707	5/2,7/2	112.3875	7/2$^+$		
1245.256 *30*	0.46 *4*	1245.244	3/2$^-$	0.0	5/2$^+$		
1380.25 *8*	0.41 *3*	1673.37	(1/2$^-$,3/2$^-$)	293.105	1/2$^-$		
1448.74 *10*	0.188 *19*	1560.889	(5/2,7/2$^-$)	112.3875	7/2$^+$		

$^{75}_{34}Se_{41}$-4

$\gamma(^{75}Se)$ (continued)

E_γ †	I_γ a	E_i(level)	J_i^π	E_f	J_f^π	Comments
1560.74 *15*	0.131 *14*	1560.889	(5/2,7/2$^-$)	0.0	5/2$^+$	
1811.4 *10*	0.12 *5*	1810.70	1/2$^-$,3/2$^-$	0.0	5/2$^+$	
2270.6& *6*		2271.22		0.0	5/2$^+$	Additional information 18.
4408.08 *14*	0.365 *28*	(8027.58)	1/2$^+$	3619.36	1/2$^+$	
4687.32 *24*	0.34 *4*	(8027.58)	1/2$^+$	3340.10		
4694.33 *22*	0.34 *4*	(8027.58)	1/2$^+$	3333.09	3/2$^+$,5/2$^+$	
4816.99 *14*	0.165 *12*	(8027.58)	1/2$^+$	3210.43		
4845.10 *8*	0.69 *4*	(8027.58)	1/2$^+$	3182.31		
4874.81 *7*	0.79 *4*	(8027.58)	1/2$^+$	3152.60	3/2$^+$,5/2$^+$	
5086.48 *11*	0.356 *24*	(8027.58)	1/2$^+$	2940.92	3/2$^+$,5/2$^+$	
5140.21 *6*	0.575 *28*	(8027.58)	1/2$^+$	2887.18		
5245.30 *9*	0.392 *20*	(8027.58)	1/2$^+$	2782.08		
5289.97 *7*	0.62 *3*	(8027.58)	1/2$^+$	2737.41	1/2,3/2,5/2$^+$	
5395.56 *8*	0.509 *26*	(8027.58)	1/2$^+$	2631.81	1/2$^+$	
5429.59 *8*	0.406 *23*	(8027.58)	1/2$^+$	2597.78	1/2,3/2,5/2$^+$	
5461.98 *5*	0.83 *4*	(8027.58)	1/2$^+$	2565.39	1/2$^+$	
5570.93 *5*	1.21 *6*	(8027.58)	1/2$^+$	2456.43	3/2$^+$,5/2$^+$	
5756.12 *15*	0.124 *7*	(8027.58)	1/2$^+$	2271.22		
5785.25 *15*	0.103 *6*	(8027.58)	1/2$^+$	2242.09		
5860.64 *9*	0.465 *23*	(8027.58)	1/2$^+$	2166.69	1/2,3/2,5/2$^+$	
5996.96 *11*	0.252 *14*	(8027.58)	1/2$^+$	2030.36	3/2$^+$,5/2$^+$	
6041.29 *7*	0.352 *9*	(8027.58)	1/2$^+$	1986.03	1/2,3/2,5/2$^+$	
6068.98 *14*	0.127 *7*	(8027.58)	1/2$^+$	1958.34		
6083.98 *9*	0.447 *22*	(8027.58)	1/2$^+$	1943.34		
6132.34 *7*	0.389 *19*	(8027.58)	1/2$^+$	1894.97		
6216.61 *8*	0.450 *23*	(8027.58)	1/2$^+$	1810.70	1/2$^-$,3/2$^-$	
6225.27 *7*	1.27 *6*	(8027.58)	1/2$^+$	1802.03	3/2$^+$,5/2$^+$	
6374.51 *8*	0.235 *27*	(8027.58)	1/2$^+$	1652.78	5/2$^+$	
6437.80 *7*	2.73 *14*	(8027.58)	1/2$^+$	1589.534	5/2$^+$	Additional information 19.
6594.8 *7*	0.043 *7*	(8027.58)	1/2$^+$	1431.96		
6782.0 *8*	0.019 *5*	(8027.58)	1/2$^+$	1245.244	3/2$^-$	
6828.72 *9*	0.80 *4*	(8027.58)	1/2$^+$	1198.535	5/2$^+$	
6843.11 *11*	0.254 *13*	(8027.58)	1/2$^+$	1184.188	1/2,3/2,5/2	
6882.65 *20*	0.063 *5*	(8027.58)	1/2$^+$	1144.459	3/2$^+$,5/2$^+$	
7006.74 *11*	1.38 *7*	(8027.58)	1/2$^+$	1020.470	1/2$^-$,3/2$^-$	
7064.64 *11*	0.78 *4*	(8027.58)	1/2$^+$	962.643	3/2$^-$	
7131.98 *14*	0.224 *11*	(8027.58)	1/2$^+$	895.274	1/2$^-$,3/2$^-$	
7167.58 *19*	0.357 *22*	(8027.58)	1/2$^+$	859.537	3/2$^-$	
7187.5 *5*	0.037 *22*	(8027.58)	1/2$^+$	839.893	3/2$^+$	
7398.64 *16*	0.231 *12*	(8027.58)	1/2$^+$	628.4308	5/2$^+$	
7417 *2*	0.71 *22*	(8027.58)	1/2$^+$	610.715	1/2$^+$	
7441.24 *16*	0.502 *25*	(8027.58)	1/2$^+$	585.9507	3/2$^-$	
7734.12 *28*	25.0 *13*	(8027.58)	1/2$^+$	293.105	1/2$^-$	Additional information 20.

$^{75}_{34}Se_{41}$-5

$\gamma(^{75}Se)$ (continued)

E_γ †	I_γ [a]	E_i(level)	J_i^π	E_f	J_f^π	Comments
7740.6 *11*	0.91 *29*	(8027.58)	$1/2^+$	286.5710	$3/2^-$	
8027.2 *3*	0.070 *4*	(8027.58)	$1/2^+$	0.0	$5/2^+$	

† From 1982ToZS. For Eγ<2 MeV, a systematic uncertainty of (5×10^{-6})Eγ quoted by 1984To11 has been included by the evaluators for assigned gammas only.
‡ From ce data (1984To11). Iγ and I(ce) scales were normalized to each other by assuming mult=E1 for the 287γ and 428γ.
# Additional information 21.
@ Poor fit in the level scheme.
& γ From 2007ChZX.
[a] Intensity per 100 neutron captures.

$^{75}_{34}Se_{41}$-6

^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07

Level Scheme

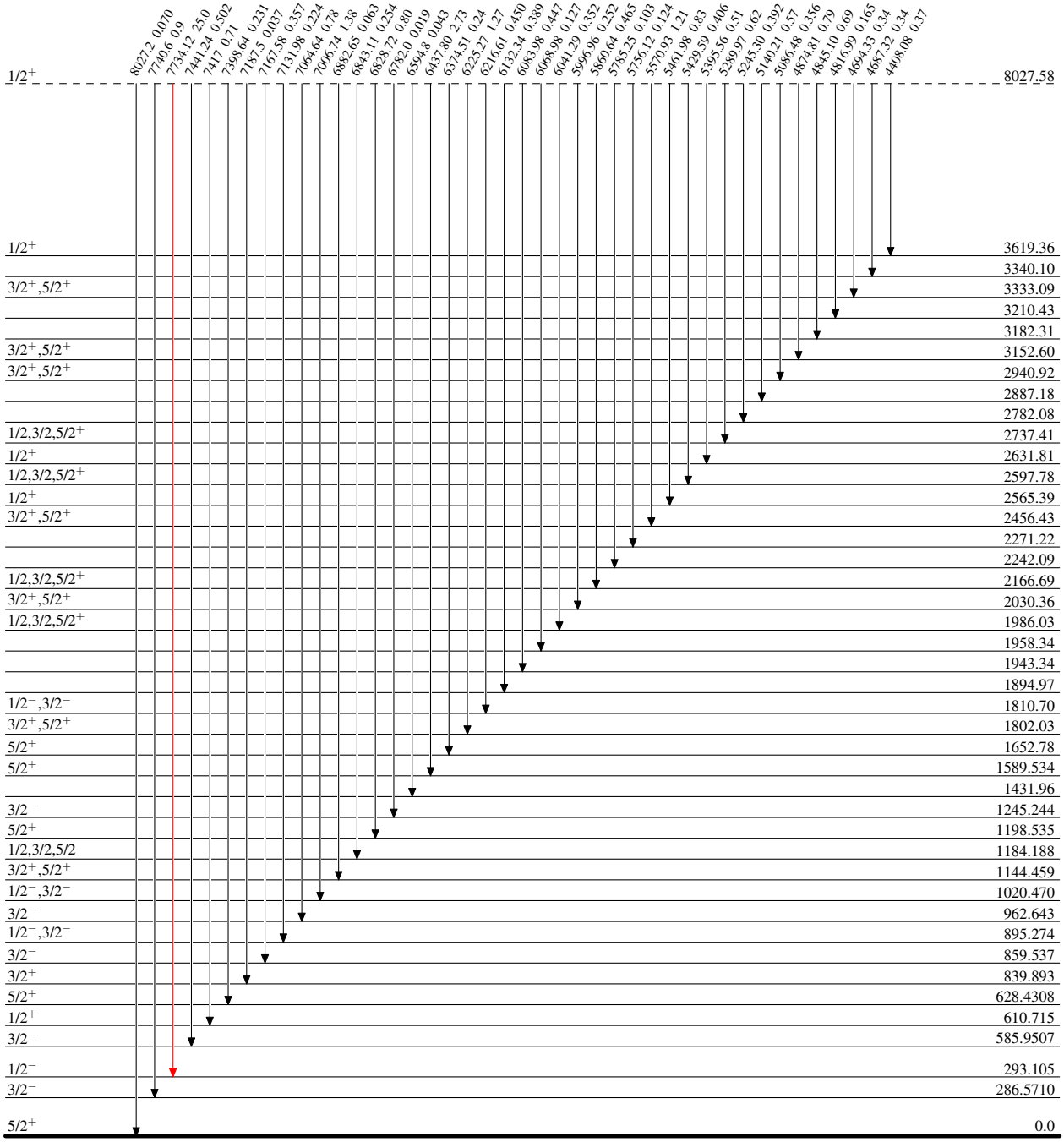
Intensities: Per 100 N-captures

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$

$I_\gamma < 10\% \times I_\gamma^{max}$

$I_\gamma > 10\% \times I_\gamma^{max}$



$^{75}_{34}Se_{41}$

^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07

Level Scheme (continued)

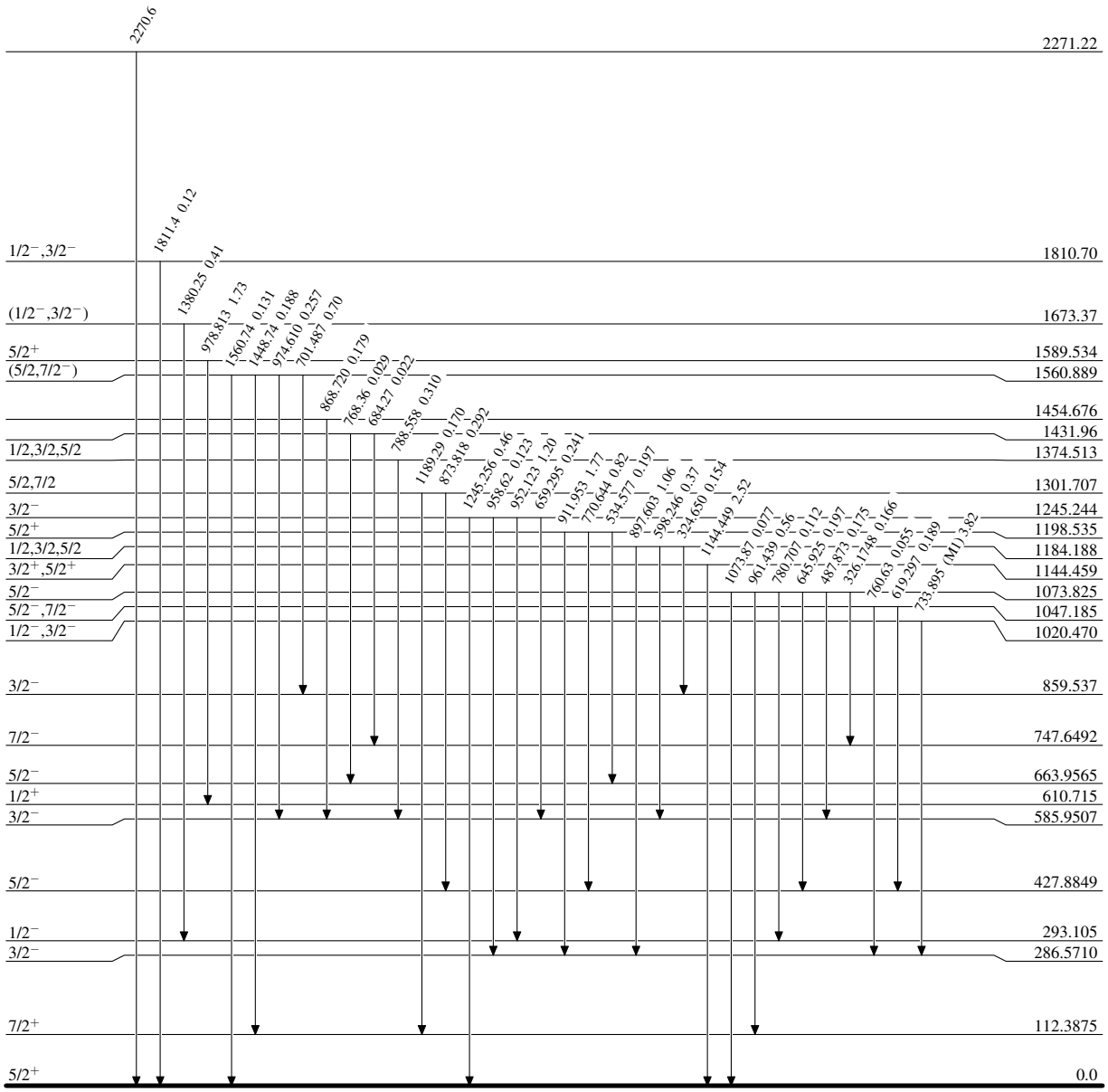
Intensities: Per 100 N-captures

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$

$I_\gamma < 10\% \times I_\gamma^{max}$

$I_\gamma > 10\% \times I_\gamma^{max}$



$^{75}_{34}Se_{41}$

^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07

Level Scheme (continued)

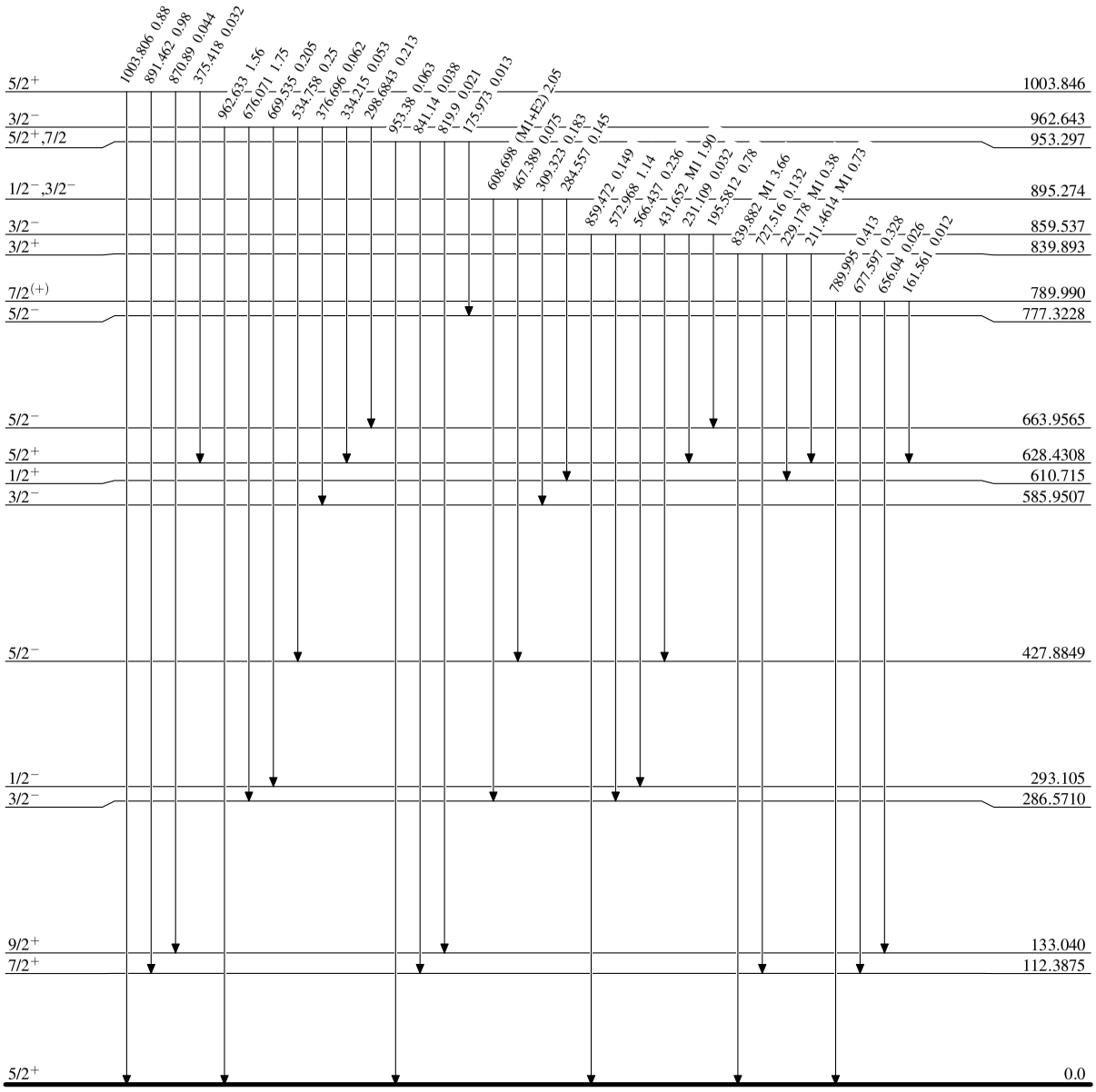
Intensities: Per 100 N-captures

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$

$I_\gamma < 10\% \times I_\gamma^{max}$

$I_\gamma > 10\% \times I_\gamma^{max}$

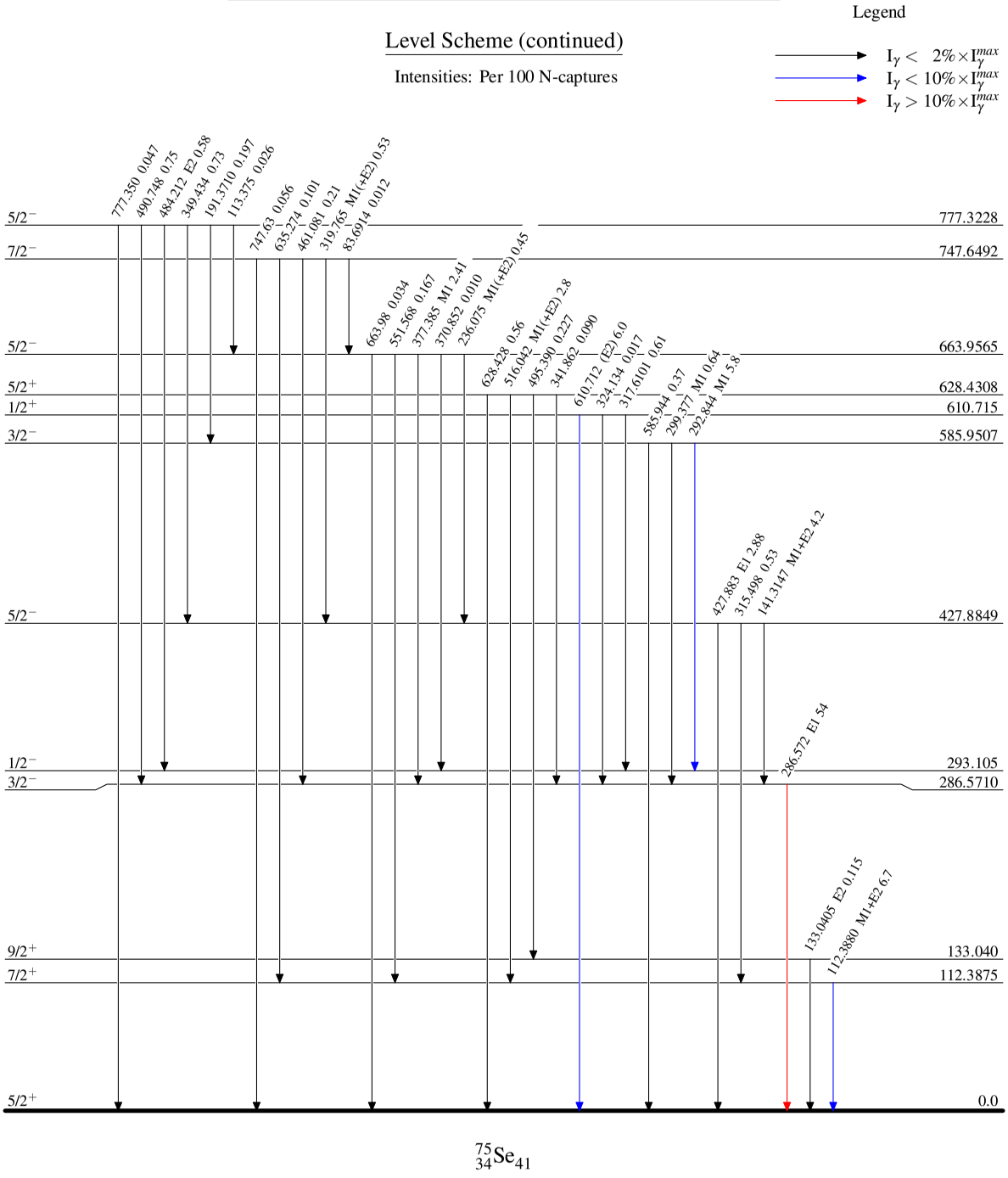


$^{75}_{34}Se_{41}$

^{74}Se(n,γ) E=thermal:placed γ 1984To11,1982ToZS,1981En07

Level Scheme (continued)

Intensities: Per 100 N-captures



$^{75}_{34}Se_{41}$