Adopted Levels, Gammas

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 122, 205 (2014)	1-Feb-2014

Q(β^-)=−124.0 *9*; S(n)=5297.5 *2*; S(p)=6709 *4*; Q(α)=4678.2 *7* 2012Wa38

Additional information 1.

Other reactions:

^{235}U(n,n′): E<20 MeV (2013He11,2005Ha23); E=0.14-15.2 MeV (2010Ha06); Others: 2009Ch24, 2009Mu14, 2004Du20.

^{235}U(n,n′γ): 2013Ke02, 2012LeZZ, 2008HuZW.

^{235}U(α,α′): 2011Bu11.

^{235}U(p,p): E= 1-200 MeV, calculated σ (2008Li05).

^{235}U(SF): 2013Ka26, 2012Fa12, 2012Ha06, 2005Re16. Measured σ using surrogate reaction (2012Hu01); calculated fission barrier and half-life (2012Ro34,2007Ro08).

^{238}U(n,4n): 2012Br11.

^{235}U(n,F) E=400 keV (2012PrZZ); E=2-8 MeV (2011Mu07); E=0.01 *30*30 MeV, calculated σ (2009Go05).

^{235}U(^{12}C,^{12}C) E=30-1000 MeV/nucleon; ^{235}U(^{20}C,^{20}C) E=30-1000 MeV/nucleon (2008Li05).

Cluster decay:

^{235}U(^{29}Mg): calculated half-life (2013Ta07).

^{235}U(^{24}Ne), ^{235}U(^{25}Ne): Calculated half-life (2013Zd01,2013Zd02).

^{235}U(^{24}Ne), ^{235}U(^{25}Ne),^{235}U(^{28}Mg): Calculated half-life (2012Ba35,2012Ku29). Others: ^{235}U(^{24}Ne), ^{235}U(^{25}Ne): 2010Ni13, 2004Ba64.

^{235}U(^{20}O), ^{235}U($^{22-26}$Ne), ^{235}U($^{28-30}$Mg) calculated Q(β^-)value, half-life (2012Sa31).

^{235}U(^{24}Mg): calculated half-life, isotope shift, Q(β^-)value (2005Bh02).

^{235}U(^{28}Mg): 2010Si12; calculated half-life (2009Ar11). Other: 2009Do16.

^{235}U(^{25}Ne), ^{235}U(^{29}Mg): calculated half-life (2011Sh13).

^{235}U(^{26}Ne), ^{235}U(^{29}Mg): 2005Ku32, 2005Ku04.

^{232}Th(^{16}O,^{13}C), ^{232}Th(^{19}F,^{16}N) (2000Si04): Measured excitation functions.

^{232}Th(α,xnF) (1997Er02): Measured fission fragments.

^{235}U(SF): calculated fission barrier and half-life (2012Ro34,2012Pa40,2011Hu06).

^{235}U isotopic abundance in natural uranium: 2012Qi02, 2011Be53, 2008We01.

Nuclear Structure: Level density parameters: 2006Fr21. Others: 2011Mu06, 2010Ni02, 2010Qu01, 2010To07, 2006Sa35.
Quadrupole moment: 2005Ko18.

^{235}U Levels

Cross Reference (XREF) Flags

A	^{235}Pa β^- decay	F	^{234}U(n,γ) E=th	K	^{236}U(d,t)
B	^{235}Np ε decay	G	^{234}U(d,p)	L	^{236}U(^{3}He,α)
C	^{239}Pu α decay	H	^{235}U(n,n′)	M	Muonic atom
D	Coulomb excitation	I	^{235}U(n,n′γ)	N	^{235}U(γ,γ′)
E	^{233}U(t,p)	J	^{235}U(d,d′)		

E(level)[#]	J$^\pi$[@]	$T_{1/2}$	XREF	Comments
0.0[a]	7/2$^-$	7.04×10^8 y *1*	ABCD FGHIJK MN	%α=100; %SF=7×10^{-9} *2* %^{20}Ne=8×10^{-10} *4*; %^{25}Ne≈8×10^{-10} %^{28}Mg=8×10^{-10} μ=−0.38 *3* (1983Ni08,2011StZZ) Q=+4.936 *6* (1984Zu02,2011StZZ) μ(^{233}U)/μ(^{235}U)=− 1.5604 *14*, consistent with 5/2[633] and 7/2[743] configurations for ^{233}U and ^{235}U ground states, respectively (1990Ga28).

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

E(level)[#]	J$^{\pi}$[@]	$T_{1/2}$	XREF	Comments
				J$^{\pi}$: Measured – see 2013Ma15, 1955Va07, 1956Hu26, 1956Ka53, 1957Bl66, 1958Da21. Parity and configuration assignments are from μ, Q.
				Charge radius deduced from optical isotope shifts (1990Ga28) Others: 1998El02, 1992An17, 1997Be64.
				$T_{1/2}$: From 2004Sc03, weighted average (CHI**/N-1=1.006) of 6.97×10^8 y *24* (1939Ni03. Mass spectrometry. Measured Pb/U ratios in uranium ores); 7.11×10^8 y *14* (1950Kn17. Specific activity method.); 6.77×10^8 y *21* (1951Sa30, Measured $^{235}U/^{238}U$) activity ratios.); 7.12×10^8 y *16* (1952Fl20. Specific activity method.); 7.64×10^8 y *43* (1957Cl16. Measured $^{235}U/^{238}U$) activity ratios.); 6.95×10^8 y *16* (1957Wu39. Measured $^{235}U/^{234}U$ activity ratios.); 7.12×10^8 y *9* (1965Wh05. Specific activity method); 7.06×10^8 y *8* (1966Ba58), Mass spectrometry. 7.04×10^8 y *1* (1971Ja07. Specific activity method); 6.79×10^8 y *13* (1974De19. Measured $^{235}U/^{238}U$ α activity ratios); Other value: 7.04×10^8 y (Value recommended in 2000Ho27.) Others: 1965De06, 1971Ar48, 1974Ja17, 1993Bu10.
				$T_{1/2}$(SF)= 1.0×10^{19} y *3*, value recommended in 2000Ho27 from $T_{1/2}$(SF)= 9.8×10^{18} y *28* (1981Vo02); $T_{1/2}$(SF)> 1.8×10^{18} y (1974GrZA); $T_{1/2}$(SF)= 0.35×10^{18} y *9* (1966Al23); $T_{1/2}$(SF)= 0.18×10^{18} y (1952Se67).
				$\%^{20}Ne/\%\alpha = 8\times10^{-12}$ *4* (1989Tr11,1991Bo20).
				^{24}Ne emission (1997Ka11).
				$T_{1/2}(^{25}Ne)\approx9\times10^{19}$ yr. Other: 1997Tr17.
				$T_{1/2}(^{28}Mg)=8.8\times10^{20}$ yr (1998Ro11,1997Ro24); other value: $>9\times10^{20}$ (1997MiZP).
				Q(^{233}U)/Q(^{235}U)= 0.975 *3* (1990Ga28).
0.0760[†b] *4*	1/2$^+$	≈26 min	A CD F L	%IT=100
				$T_{1/2}$: depends on chemical environment (1966Ma20,1968Ne04,1974Ne09,1971Ar48,1972Ne12). $T_{1/2}$= 25.7 min *4* in LASER produced plasma (1979Iz02).
				$T_{1/2}$: $T_{1/2}$=230 min. ^{235m}U placed in a silver matrix. Drastic change in $T_{1/2}$ may be due to a special electromagnetic field resonance (1993Ko32,1989Ko52). Others: 1992Vs01, 1992Vo05.
				Ultra-violet laser excitation of ^{235}U (1992Bo26).
				J$^{\pi}$: favored α decay from 1/2$^+$ ^{239}Pu.
13.0339[†c] *21*	3/2$^+$	0.50 ns *3*	A CD FG K	$T_{1/2}$: from ^{239}Pu α decay (1970Ho02).
46.103[†a] *8*	9/2$^-$	≈14 ps	CD F IJ M	$T_{1/2}$: from B(E2)=6.7, average of B(E2)=4.834 *16* in muonic atom, B(E2)=7.4 *7* in Coulomb excitation (1957Ne07), and B(E2)=8.0 *12* in (d,d′). The approximate value of the half-life is due to the large uncertainty in the E2 γ-ray mixing ratio (δ=0.14 *14*).
51.6968[b] *11*	5/2$^+$	191 ps *5*	A CD FGH K	$T_{1/2}$: from ^{239}Pu α decay (1970Ho02,1970ToZZ).
81.724[c] *4*	7/2$^+$		A CD FG KL	
103.903[†&] *8*	11/2$^-$	33 ps *5*	CD GH JKLM	$T_{1/2}$: from B(E2)=1.18 *16* (1957Ne07) and B(E2)=1.19 *4* in muonic atom (1984Zu02). Other value: B(E2)=2.2 *3*, in (d,d′).
129.2995[†d] *10*	5/2$^+$		A CD FG I Kl	J$^{\pi}$: γ-ray de-excitation (E1 to 7/2$^-$, M1 to 3/2$^+$).
150.356[†b] *16*	9/2$^+$		CD FG Kl	
171.358[†e] *5*	7/2$^+$		CD F	
171.464[†a] *13*	13/2$^-$	21.9 ps *13*	CD G J M	$T_{1/2}$: From B(E2)=2.12 *5* and δ in muonic atom.
197.087[†c] *15*	11/2$^+$		CD G K	
225.382[†d] *7*	9/2$^+$		CD FG IJKl	

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

E(level)[#]	J$^{\pi}$[@]	XREF	Comments
250.014[†&] *21*	15/2$^-$	CD G JKl	
259.0 *21*		G	
291.135[†e] *19*	11/2$^+$	CD G JKl	
294.557[†b] *16*	13/2$^+$	CD l	
332.845[†r] *4*	5/2$^+$	C EFG K	
339.976[a] *24*	17/2$^-$	CD JK	
357.22[c] *4*	15/2$^+$	CD JKl	
367.031[†r] *8*	7/2$^+$	C FG J l	
368.9[d] *3*	13/2$^+$	D	
393.218[†f] *5*	3/2$^+$	A C FG IJK	
414.768[†r] *11*	9/2$^+$	C G JKl	
426.741[†g] *3*	5/2$^+$	A C FG JKl	
439.39[&] *3*	19/2$^-$	D	
445.648[†s] *8*	7/2$^+$	C F IJ	J$^{\pi}$: M1 γ ray to 5/2$^+$, E1 to 7/2$^-$, strong γ ray to 9/2$^-$.
456.84[e] *7*	15/2$^+$	D	
473.826[†f] *11*	7/2$^+$	C F JKL	
482.00[b] *4*	17/2$^+$	D	
510.49[†s] *17*	(9/2$^+$)	C E G JK	J$^{\pi}$: γ rays to 9/2$^-$ and 11/2$^-$.
532.4 *5*	(13/2$^+$)	l	
533.208[†g] *10*	9/2$^+$	C G JKl	
551.17[a] *4*	21/2$^-$	D	
557.2[d] *3*	17/2$^+$	D	
559.34[c] *5*	19/2$^+$	D	
587.8[s] *5*	(11/2$^+$)	C G JK	
608.17[†f] *3*	11/2$^+$	C G JK	
633.092[†j] *15*	(5/2$^-$)	C EF JK	
637.794[†i] *6*	3/2$^-$	A CD FG KL	
658.96[†p] *4*	1/2$^-$	A CD FG I K	
664.531[†h] *12*	(5/2)$^-$	C F J	
666.69[e] *10*	19/2$^+$	D	
670.924[†k] *25*	(7/2)$^-$	C F I K	
671.94[&] *4*	23/2$^-$	D J	
690.2[g] *5*	(13/2$^+$)	D K	
701.101[†i] *17*	(7/2)$^-$	C FG IJK	
703.753[†p] *20*	3/2$^-$	A C F K	
710.02[b] *5*	21/2$^+$	D	
720.22[†j] *3*	(9/2)$^-$	C J	
750.21[†h] *16*	(9/2$^-$)	C J	J$^{\pi}$: from (d,d′).
761.017[‡q] *6*	(1/2)$^-$	C FG K	
769.27[‡t] *6*	1/2$^+$	C F	J$^{\pi}$: E0 to 1/2$^+$, low α HF.
769.934[‡q] *9*	3/2$^-$	C FG K	
778.36[†k] *19*	(11/2)$^-$	C J L	
779.51[†t] *3*	3/2$^+$	C F	
787.8[d] *3*	21/2$^+$	D	
790.9[f] *8*	15/2$^+$	D	
800.58[c] *6*	23/2$^+$	D	
805.65[a] *6*	25/2$^-$	D G	
805.651[†] *10*	3/2$^-$	C F K	J$^{\pi}$: E1 γ ray from 1/2$^+$ in (n,γ); E2 γ ray to 7/2$^-$.

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

E(level)[#]	J$^{\pi}$[@]	XREF	Comments
806.9[i] 4	11/2$^-$	D	
811.96[‡q] 3	(5/2$^-$)	F	
821.23[‡t] 4	5/2$^+$	C F K	
821.83[l] 7	(9/2$^-$)	J	J$^{\pi}$: from (d,d′).
843.859[‡u] 10	(1/2)$^+$	C FG K	J$^{\pi}$: γ-ray de-excitation (E2 to 5/2$^+$; M1(+E0) to 1/2$^+$).
845.35?[‡t] 2	(7/2$^+$)	C F	
850.56[j] 3	13/2$^-$	D	
865.189[‡u] 8	3/2$^+$	C FG	
879.8[h] 3	13/2$^-$	D	
885.5[m] 6	(11/2$^-$)	JK	
891.91[‡u] 3	5/2$^+$	C FG	
905.262[‡v] 18	5/2$^+$	F	
916.87[e] 13	23/2$^+$	D	
921.1[o] 4	13/2$^-$	D	
924.5[k] 5	15/2$^-$	D G L	
943 2	(7/2$^-$)	G	J$^{\pi}$: From (d,p).
945.58[&] 5	27/2$^-$	D	
951.05[‡] 3	1/2$^-$,3/2$^-$	F	J$^{\pi}$: E1 γ ray to 1/2$^+$.
953.4[i] 3	15/2$^-$	D	
960.4[l] 6	(13/2$^-$)	D G J L	
968.443[‡] 14	(3/2)$^+$	C FG K	J$^{\pi}$: E2 to 1/2$^+$.
975.94[b] 7	25/2$^+$	D	
987.7[o] 4	13/2$^-$	CD J	
990.229[‡] 8	1/2$^-$,3/2$^-$	Fg	J$^{\pi}$: E1 from 1/2$^+$ in (n,γ).
992.64[‡] 3	(5/2$^+$)	C Fg K	J$^{\pi}$: γ-ray de-excitation; not detected in average res. neutron capture. Detected in thermal neutron capture.
1002.28[‡] 20	1/2$^-$,3/2$^-$	FG JK	J$^{\pi}$: E1 from 1/2$^+$ in (n,γ).
1020.6[f] 7	19/2$^+$	D	
1023.79[j] 7	17/2$^-$	D	
1038.231[‡] 10	5/2$^+$	Fg k	J$^{\pi}$: M1 γ ray to 7/2$^+$; detected in (n,γ).
1047.1[m] 4	15/2$^-$	D	
1054.2[h] 3	17/2$^-$	D	
1057.4[d] 3	25/2$^+$	D	
1057.42[†] 11		C F I	
1066.5[n] 5	15/2$^-$	D	
1072.82[‡] 17	(1/2,3/2)	FG K	J$^{\pi}$: detected in thermal neutron (n,γ).
1078.03[c] 7	27/2$^+$	D	
1099.02[‡] 11	(3/2$^-$)	F	J$^{\pi}$: E1 γ ray from 1/2$^+$; γ-ray de-excitation in (n,γ).
1100.98[a] 6	29/2$^-$	D	
1108 4	(9/2$^-$)	g J	
1109.0[k] 3	19/2$^-$	D	
1116.21[‡] 4	(5/2$^-$)	C EFg I	J$^{\pi}$: γ-ray de-excitation (E1 to 5/2$^+$, γ′s to 7/2$^+$, 3/2$^+$); Conversely, 1972Ri08 suggested J^{π}=5/2$^+$, possible configuration 5/2[633]×0$^+$.
1141.3[l] 3	17/2$^-$	D	
1142.6[i] 3	19/2$^-$	D	
1142.633[‡] 8	(3/2)$^-$	F K	J$^{\pi}$: γ-ray de-excitation (M1+E2 to 3/2$^-$. M1 to (5/2)$^-$. γ ray to 1/2$^+$).
1156.2[o] 3	17/2$^-$	D	
1204.16[e] 15	27/2$^+$	D	
1235.5[j] 5	21/2$^-$	D	

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

E(level)[#]	Jπ[@]	XREF	
1240.9[m] 3	19/2−	D	
1258.08[&] 6	31/2−	D	
1261.2[n] 3	19/2−	D	
1275.2[h] 3	21/2−	D	
1276.84[b] 8	29/2+	D	
1292.2[f] 3	23/2+	D	
1333.6[k] 3	23/2−	D	
1349.93[l] 24	21/2−	D	
1362.5[d] 3	29/2+	D	
1374.5[i] 3	23/2−	D	
1389.22[c] 9	31/2+	D	
1434.30[a] 6	33/2−	D	
1467.17[m] 24	23/2−	D	
1485.59[j] 9	25/2−	D	
1504.8[n] 4	23/2−	D	
1525.15[e] 17	31/2+	D	
1542.4[h] 4	25/2−	D	
1595.4[l] 3	25/2−	D	
1599.7[k] 3	27/2−	D	
1600.7[f] 6	27/2+	D	
1606.32[&] 6	35/2−	D	
1610.04[b] 10	33/2+	D	
1646.8[i] 3	27/2−	D	
1656.4 7			N
1700.1[d] 3	33/2+	D	
1731.65[c] 10	35/2+	D	
1731.8[m] 3	27/2−	D	
1733.54 19			N
1769.3 4			N
1773.49[j] 10	29/2−	D	
1802.23[a] 6	37/2−	D	
1815.25 18			N
1827.67 19			N
1851.6[h] 5	29/2−	D	
1862.41 10			N
1877.55[e] 20	35/2+	D	
1879.12[l] 9	29/2−	D	
1906.1[k] 3	31/2−	D	
1943.43[f] 10	31/2+	D	
1958.9[i] 4	31/2−	D	
1973.09[b] 12	37/2+	D	
1973.8 3			N
1986.91[&] 6	39/2−	D	
2003.36 17			N
2005.9 4			N
2010.6 3			N
2033.4[m] 3	31/2−	D	
2067.1 4			N
2067.4[d] 3	37/2+	D	
2074.2 3			N

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

E(level)[#]	J$^{\pi}$[@]	$T_{1/2}$	XREF	Comments
2086.7 *6*			N	
2097.2[j] *5*	33/2$^-$		D	
2103.36[c] *13*	39/2$^+$		D	
2110.2 *3*			N	
2193.0[l] *5*	33/2$^-$		D	
2201.00[a] *7*	41/2$^-$		D	
2216.1 *3*			N	
2249.6[k] *3*	35/2$^-$		D	
2258.69[e] *24*	39/2$^+$		D	
2314.5[f] *7*	35/2$^+$		D	
2363.80[b] *18*	41/2$^+$		D	
2368.6[m] *4*	35/2$^-$		D	
2395.90[&] *8*	43/2$^-$		D	
2416.1 *3*			N	
2454.7[j] *12*	37/2$^-$		D	
2462.7[d] *3*	41/2$^+$		D	
2.5×10^3 *3*		3.6 ms *18*	F	%SF=? E(level),$T_{1/2}$: Fission isomer (2007Ob02). From 2007Ob02. From ^{234}U(n,F), σ(SF)=10 μb *8*. Produced with neutrons of E(n)=0.95 and 1.27 MeV. Separated with the isomer spectrometer neptune at the Van de Graaff laboratory of the irmm, Geel, Belgium.
2502.5[c] *9*	43/2$^+$		D	
2555.6 *6*			N	
2626.2[k] *3*	39/2$^-$		D	
2626.81[a] *9*	45/2$^-$		D	
2666.2[e] *7*	43/2$^+$		D	
2709.4[f] *8*	39/2$^+$		D	
2754.7 *4*			N	
2780.2[b] *3*	45/2$^+$		D	
2829.97[&] *12*	47/2$^-$		D	
2843.4[j] *15*	41/2$^-$		D	
2883.7[d] *4*	45/2$^+$		D	
2927.9[c] *9*	47/2$^+$		D	
3075.98[a] *17*	49/2$^-$		D	
3098.3[e] *7*	47/2$^+$		D	
3124.1[f] *10*	43/2$^+$		D	
3220.6[b] *3*	49/2$^+$		D	
3286.77[&] *17*	51/2$^-$		D	
3328.6[d] *4*	49/2$^+$		D	
3547.6[a] *8*	53/2$^-$		D	
3683.5[b] *3*	53/2$^+$		D	
3764.3[&] *6*	55/2$^-$		D	
4040.7[a] *13*	57/2$^-$		D	

† From ^{239}Pu α decay.
‡ From ^{234}U(n,γ).
# Deduced by evaluators from least-squares fit to γ-ray energies.

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

^{235}U Levels (continued)

[@] Spin/parity and configuration assignments are based on γ-ray multipolarities, B(E2) values from Coulomb Excitation, alpha hindrance factors from ^{239}Pu α decay, and on rotational structure.
[&] Band(A): 7/2[743], α=+1/2.
[a] Band(a): 7/2[743], α=−1/2.
[b] Band(B): 1/2[631], α=+1/2.
[c] Band(b): 1/2[631], α=−1/2.
[d] Band(C): 5/2[622], α=+1/2.
[e] Band(c): 5/2[622], α=−1/2.
[f] Band(D): 3/2[631], α=+1/2.
[g] Band(d): 3/2[631], α=−1/2.
[h] Band(E): K=3/2 γ-vibrational band, α=+1/2.
[i] Band(e): K=3/2 γ-vibrational band. α=−1/2.
[j] Band(F): 5/2[752], α=+1/2.
[k] Band(f): 5/2[752], α=−1/2.
[l] Band(G): 9/2[734], α=+1/2.
[m] Band(g): 9/2[734], α=−1/2.
[n] Band(H): K=11/2 γ-vibrational band, α=+1/2.
[o] Band(h): K=11/2 γ-vibrational band, α=−1/2.
[p] Band(I): 1/2[501] + 1/2[770].
[q] Band(J): 1/2[631]×0^-.
[r] Band(K): 5/2[633].
[s] Band(L): 7/2[624].
[t] Band(M): 1/2[631]×0^+ β vibration.
[u] Band(N): 5/2[622]−2^+.
[v] Band(O): 5/2[622]×0^+ β vibration.

Adopted Levels, Gammas (continued)

$\gamma(^{235}U)$

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
0.0760	$1/2^+$	0.0765 *4*	100	0.0	$7/2^-$	E3		$>1\times10^{10}$	E_γ: weighted average of 0.0768 keV *5* (1979Zh05) and 0.07616 keV *53* (1996PaZY). Others: 1995Pa45. B(E3)(W.u.)=$1.57\times10^{19}/(1+\alpha)$.
13.0339	$3/2^+$	12.975 *10*	100	0.0760	$1/2^+$	(M1+E2)	0.02	497	α(M)≈889; α(N+..)≈307 α(N)≈240; α(O)≈56.3; α(P)≈9.76; α(Q)≈0.357 B(E2)(W.u.)≈28.7, B(M1)(W.u.)=0.041.
46.103	$9/2^-$	46.21 *5*	100	0.0	$7/2^-$	M1+E2	0.14 *14*	$5.\times10^1$ *3*	α(L)=40 *19*; α(M)=10 *6*; α(N+..)=3.5 *19* α(N)=2.7 *15*; α(O)=0.6 *4*; α(P)=0.12 *6*; α(Q)=0.0081 *4* B(E2)(W.u.)= 839, B(M1)(W.u.)=0.31 18.
51.6968	$5/2^+$	38.661 *2*	38.0 *8*	13.0339	$3/2^+$	M1+E2	0.48 *3*	298 *24*	α(L)=219 *17*; α(M)=59 *5*; α(N+..)=20.2 *16* α(N)=15.9 *13*; α(O)=3.7 *3*; α(P)=0.62 *5*; α(Q)=0.01231 *24* B(E2)(W.u.)= 65 *7*, B(M1)(W.u.)= 0.00141 *7*.
		51.624 *1*	100 *2*	0.0760	$1/2^+$	E2		310	α(L)=226 *4*; α(M)=62.6 *9*; α(N+..)=21.5 *3* α(N)=16.97 *24*; α(O)=3.89 *6*; α(P)=0.630 *9*; α(Q)=0.001600 *23* B(E2)(W.u.)= 215 *10*.
81.724	$7/2^+$	30.04 *2*	60.3 *17*	51.6968	$5/2^+$	(M1)		156.7	α(L)=118.1 *17*; α(M)=28.7 *4*; α(N+..)=10.01 *14* α(N)=7.73 *11*; α(O)=1.88 *3*; α(P)=0.363 *5*; α(Q)=0.0292 *4*
		68.696 *6*	100 *28*	13.0339	$3/2^+$	E2		78.5	α(L)=57.2 *8*; α(M)=15.86 *23*; α(N+..)=5.45 *8* α(N)=4.30 *6*; α(O)=0.987 *14*; α(P)=0.1604 *23*; α(Q)=0.000474 *7*
103.903	$11/2^-$	57.828 *3*	100 *1*	46.103	$9/2^-$	M1+E2	0.23 *2*	32.6 *16*	B(M1)(W.u.)=0.086 *14*, B(E2)(W.u.)≈420.
		103.06 *3*	18.7 *5*	0.0	$7/2^-$	E2		11.58	B(E2)(W.u.)≈204.
129.2995	$5/2^+$	47.60 *3*	0.99 *4*	81.724	$7/2^+$	(M1)		40.4	α(L)=30.4 *5*; α(M)=7.37 *11*; α(N+..)=2.57 *4* α(N)=1.99 *3*; α(O)=0.483 *7*; α(P)=0.0932 *14*; α(Q)=0.00749 *11*
		77.592 *14*	6.02 *8*	51.6968	$5/2^+$	M1(+E2)	0.5 *5*	17 *11*	α(L)=12 *8*; α(M)=3.2 *22*; α(N+..)=1.1 *8* α(N)=0.9 *6*; α(O)=0.20 *14*; α(P)=0.036 *21*; α(Q)=0.0015 *5*
		116.26 *2*	8.99 *17*	13.0339	$3/2^+$	M1(+E2)	0.56 *56*	14 *3*	
		129.296 *1*	100.0 *6*	0.0	$7/2^-$	E1		0.275	α(K)=0.211 *3*; α(L)=0.0482 *7*; α(M)=0.01173 *17*; α(N+..)=0.00400 *6* α(N)=0.00313 *5*; α(O)=0.000734 *11*; α(P)=0.0001295 *19*; α(Q)=6.71×10^{-6} *10*
150.356	$9/2^+$	68.74 *CA*	9 *4*	81.724	$7/2^+$	(M1+E2)	0.5 *SY*	30 *10*	
		98.78 *2*	100 *5*	51.6968	$5/2^+$	E2		14.11	α(L)=10.28 *15*; α(M)=2.85 *4*; α(N+..)=0.981 *14* α(N)=0.774 *11*; α(O)=0.1779 *25*; α(P)=0.0291 *4*; α(Q)=0.0001143 *16*
171.358	$7/2^+$	41.93 *5*	100 *10*	129.2995	$5/2^+$	M1+E2	0.14 *10*	$7.\times10^1$ *3*	α(L)=55 *21*; α(M)=14 *6*; α(N+..)=4.8 *20* α(N)=3.7 *16*; α(O)=0.9 *4*; α(P)=0.17 *6*; α(Q)=0.0107 *3*
		89.64 *3*	18.5 *14*	81.724	$7/2^+$	(M1+E2)		14 *8*	α(L)=10 *6*; α(M)=2.8 *17*; α(N+..)=1.0 *6*

From ENSDF

$^{235}_{92}U_{143}$-8

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
									α(N)=0.8 *5*; α(O)=0.18 *11*; α(P)=0.030 *16*; α(Q)=0.0007 *5*
171.358	7/2$^+$	119.70 *3*	13 *6*	51.6968	5/2$^+$	(M1+E2)		10 *4*	α(K)=5 *6*; α(L)=3.1 *11*; α(M)=0.8 *4*; α(N+..)=0.29 *12* α(N)=0.23 *10*; α(O)=0.053 *21*; α(P)=0.009 *3*; α(Q)=0.00028 *23*
		125.21 *10*	38.6 *10*	46.103	9/2$^-$	(E1)		0.296	α(K)=0.227 *4*; α(L)=0.0523 *8*; α(M)=0.01275 *18*; α(N+..)=0.00434 *7* α(N)=0.00340 *5*; α(O)=0.000797 *12*; α(P)=0.0001403 *20*; α(Q)=7.20×10^{-6} *11*
		158.1 *3*	0.68 *7*	13.0339	3/2$^+$	(E2)		1.86	α(K)=0.211 *3*; α(L)=1.204 *20*; α(M)=0.333 *6*; α(N+..)=0.1147 *19* α(N)=0.0904 *15*; α(O)=0.0208 *4*; α(P)=0.00345 *6*; α(Q)=2.42×10^{-5} *4*
		171.393 *6*	75.3 *14*	0.0	7/2$^-$	(E1)		0.1414	α(K)=0.1103 *16*; α(L)=0.0235 *4*; α(M)=0.00570 *8*; α(N+..)=0.00195 *3* α(N)=0.001520 *22*; α(O)=0.000359 *5*; α(P)=6.45×10^{-5} *9*; α(Q)=3.62×10^{-6} *5*
171.464	13/2$^-$	67.674 *12*	100 *2*	103.903	11/2$^-$	M1+E2	0.194 *3*	16.43 *25*	α(L)=12.31 *19*; α(M)=3.06 *5*; α(N+..)=1.063 *16* α(N)=0.825 *13*; α(O)=0.198 *3*; α(P)=0.0371 *6*; α(Q)=0.00252 *4* B(M1)(W.u.)=0.12 *9*, B(E2)(W.u.)=303 *24*.
		124.51 *3*	45 *2*	46.103	9/2$^-$	E2		5.01	α(K)=0.215 *3*; α(L)=3.49 *5*; α(M)=0.968 *14*; α(N+..)=0.333 *5* α(N)=0.263 *4*; α(O)=0.0605 *9*; α(P)=0.00995 *14*; α(Q)=5.07×10^{-5} *8* B(E2)(W.u.)=517 *37*.
197.087	11/2$^+$	115.31 *14*	100	81.724	7/2$^+$	E2		6.87	
225.382	9/2$^+$	54.039 *8*	100 *2*	171.358	7/2$^+$	M1(+E2)	0.1 *1*	30 *7*	α(L)=23 *5*; α(M)=5.5 *13*; α(N+..)=1.9 *5* α(N)=1.5 *4*; α(O)=0.36 *8*; α(P)=0.069 *13*; α(Q)=0.00512 *14*
		96.14 *3*	19.5 *9*	129.2995	5/2$^+$	[E2]		16.02	α(L)=11.67 *17*; α(M)=3.24 *5*; α(N+..)=1.114 *16* α(N)=0.879 *13*; α(O)=0.202 *3*; α(P)=0.0330 *5*; α(Q)=0.0001264 *18*
		143.35 *20*	8.7 *5*	81.724	7/2$^+$	(M1+E2)		5 *3*	α(K)=3 *3*; α(L)=1.5 *4*; α(M)=0.41 *11*; α(N+..)=0.14 *4* α(N)=0.11 *3*; α(O)=0.026 *7*; α(P)=0.0046 *8*; α(Q)=0.00017 *14*
		173.70 *5*	1.5 *4*	51.6968	5/2$^+$	(E2)		1.280	α(K)=0.190 *3*; α(L)=0.795 *12*; α(M)=0.220 *3*; α(N+..)=0.0757 *11* α(N)=0.0596 *9*; α(O)=0.01375 *20*; α(P)=0.00229 *4*; α(Q)=1.85×10^{-5} *3*
		179.220 *12*	34.0 *4*	46.103	9/2$^-$	(E1)		0.1273	α(K)=0.0995 *14*; α(L)=0.0210 *3*; α(M)=0.00509 *8*; α(N+..)=0.001741 *25* α(N)=0.001359 *19*; α(O)=0.000321 *5*; α(P)=5.78×10^{-5} *8*; α(Q)=3.28×10^{-6} *5*
		225.42 *4*	7.6 *3*	0.0	7/2$^-$	(E1)		0.0747	α(K)=0.0589 *9*; α(L)=0.01191 *17*; α(M)=0.00288 *4*; α(N+..)=0.000988 *14* α(N)=0.000770 *11*; α(O)=0.000183 *3*; α(P)=3.33×10^{-5} *5*; α(Q)=2.00×10^{-6} *3*
250.014	15/2$^-$	78.78 *3*	100 *12*	171.464	13/2$^-$	M1(+E2)	0.5 *5*	16 *10*	α(L)=12 *7*; α(M)=3.0 *20*; α(N+..)=1.0 *7* α(N)=0.8 *6*; α(O)=0.19 *13*; α(P)=0.034 *19*; α(Q)=0.0014 *5*
		146.25 *3*	99 *19*	103.903	11/2$^-$	E2		2.56	α(K)=0.223 *4*; α(L)=1.703 *24*; α(M)=0.472 *7*; α(N+..)=0.1624 *23*

From ENSDF

$^{235}_{92}U_{143}$-9

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
									α(N)=0.1280 *18*; α(O)=0.0295 *5*; α(P)=0.00487 *7*; α(Q)=3.06×10^{-5} *5*
291.135	11/2$^+$	65.708 *30*	100 *7*	225.382	9/2$^+$	M1(+E2)	0.23 *20*	20 *9*	α(L)=15 *7*; α(M)=3.7 *18*; α(N+..)=1.3 *6* α(N)=1.0 *5*; α(O)=0.24 *11*; α(P)=0.044 *18*; α(Q)=0.00279 *25*
		119.0 *10*	≈18	171.358	7/2$^+$	[E2]		6.15 *25*	α(K)=0.196 *6*; α(L)=4.34 *19*; α(M)=1.20 *5*; α(N+..)=0.414 *18* α(N)=0.327 *14*; α(O)=0.075 *4*; α(P)=0.0123 *6*; α(Q)=5.94×10^{-5} *19*
		188.23 *10*	21 *3*	103.903	11/2$^-$	[E1]		0.1135	α(K)=0.0889 *13*; α(L)=0.0186 *3*; α(M)=0.00450 *7*; α(N+..)=0.001540 *22* α(N)=0.001202 *17*; α(O)=0.000285 *4*; α(P)=5.13×10^{-5} *8*; α(Q)=2.95×10^{-6} *5*
		244.92 *5*	10 *1*	46.103	9/2$^-$	[E1]		0.0618	α(K)=0.0489 *7*; α(L)=0.00974 *14*; α(M)=0.00236 *4*; α(N+..)=0.000808 *12* α(N)=0.000629 *9*; α(O)=0.0001498 *21*; α(P)=2.74×10^{-5} *4*; α(Q)=1.676×10^{-6} *24*
294.557	13/2$^+$	97.6 *3*	28 *CA*	197.087	11/2$^+$	M1+E2	0.5 *3*	7.0 *19*	α(L)=5.2 *14*; α(M)=1.3 *4*; α(N+..)=0.46 *14* α(N)=0.36 *11*; α(O)=0.085 *25*; α(P)=0.015 *4*; α(Q)=0.00076 *16*
		144.201 *3*	100 *2*	150.356	9/2$^+$	E2		2.70	α(K)=0.224 *4*; α(L)=1.80 *3*; α(M)=0.499 *7*; α(N+..)=0.1720 *25* α(N)=0.1356 *19*; α(O)=0.0312 *5*; α(P)=0.00516 *8*; α(Q)=3.19×10^{-5} *5*
332.845	5/2$^+$	161.450 *15*	21.1 *4*	171.358	7/2$^+$	M1		5.67	α(K)=4.51 *7*; α(L)=0.880 *13*; α(M)=0.213 *3*; α(N+..)=0.0742 *11* α(N)=0.0574 *8*; α(O)=0.01395 *20*; α(P)=0.00269 *4*; α(Q)=0.000215 *3*
		203.550 *5*	100 *2*	129.2995	5/2$^+$	M1		2.95	α(K)=2.35 *4*; α(L)=0.456 *7*; α(M)=0.1103 *16*; α(N+..)=0.0385 *6* α(N)=0.0297 *5*; α(O)=0.00723 *11*; α(P)=0.001394 *20*; α(Q)=0.0001112 *16*
		281.2 *2*	0.37 *5*	51.6968	5/2$^+$	M1+E2		0.7 *5*	α(K)=0.5 *5*; α(L)=0.15 *4*; α(M)=0.037 *8*; α(N+..)=0.013 *3* α(N)=0.0099 *21*; α(O)=0.0024 *6*; α(P)=0.00044 *13*; α(Q)=2.5×10^{-5} *20*
		319.68 *10*	0.85 *9*	13.0339	3/2$^+$	M1+E2		0.5 *4*	α(K)=0.4 *3*; α(L)=0.10 *4*; α(M)=0.024 *7*; α(N+..)=0.0085 *24* α(N)=0.0066 *19*; α(O)=0.0016 *5*; α(P)=0.00029 *11*; α(Q)=1.8×10^{-5} *14*
		332.845 *5*	86.8 *5*	0.0	7/2$^-$	E1		0.0313	α(K)=0.0250 *4*; α(L)=0.00476 *7*; α(M)=0.001145 *16*; α(N+..)=0.000394 *6* α(N)=0.000306 *5*; α(O)=7.33×10^{-5} *11*; α(P)=1.356×10^{-5} *19*; α(Q)=8.87×10^{-7} *13*
339.976	17/2$^-$	90.17 *3*	71 *6*	250.014	15/2$^-$	[M1]		6.24	α(L)=4.70 *7*; α(M)=1.138 *16*; α(N+..)=0.397 *6* α(N)=0.307 *5*; α(O)=0.0746 *11*; α(P)=0.01440 *21*; α(Q)=0.001153 *17*
		168.13 *3*	100 *8*	171.464	13/2$^-$	[E2]		1.456	α(K)=0.197 *3*; α(L)=0.918 *13*; α(M)=0.253 *4*; α(N+..)=0.0873 *13*

From ENSDF

$^{235}_{92}U_{143}$-10

Adopted Levels, Gammas (continued)

$\gamma(^{235}U)$ (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	α[†]	Comments
								α(N)=0.0688 *10*; α(O)=0.01587 *23*; α(P)=0.00263 *4*; α(Q)=2.03×10^{-5} *3*
357.22	15/2$^+$	62.6 *10*	3.9 *10*	294.557	13/2$^+$			
		160.08 *4*	100 *20*	197.087	11/2$^+$			
367.031	7/2$^+$	141.657 *20*	29.8 *7*	225.382	9/2$^+$	[M1]	8.22	α(K)=6.52 *10*; α(L)=1.279 *18*; α(M)=0.309 *5*; α(N+..)=0.1079 *16* α(N)=0.0834 *12*; α(O)=0.0203 *3*; α(P)=0.00391 *6*; α(Q)=0.000312 *5*
		195.679 *8*	100 *2*	171.358	7/2$^+$	M1	3.30	α(K)=2.62 *4*; α(L)=0.510 *8*; α(M)=0.1233 *18*; α(N+..)=0.0430 *6* α(N)=0.0332 *5*; α(O)=0.00808 *12*; α(P)=0.001558 *22*; α(Q)=0.0001244 *18*
		237.77 *10*	13.7 *6*	129.2995	5/2$^+$	[M1]	1.91	α(K)=1.519 *22*; α(L)=0.295 *5*; α(M)=0.0712 *10*; α(N+..)=0.0248 *4* α(N)=0.0192 *3*; α(O)=0.00467 *7*; α(P)=0.000900 *13*; α(Q)=7.18×10^{-5} *10*
		285.3 *2*	1.7 *4*	81.724	7/2$^+$	(M1+E2)	0.7 *5*	α(K)=0.5 *5*; α(L)=0.14 *4*; α(M)=0.035 *8*; α(N+..)=0.012 *3* α(N)=0.0095 *21*; α(O)=0.0023 *6*; α(P)=0.00042 *13*; α(Q)=2.4×10^{-5} *19*
		320.862 *20*	50.4 *10*	46.103	9/2$^-$	[E1]	0.0339	α(K)=0.0270 *4*; α(L)=0.00517 *8*; α(M)=0.001246 *18*; α(N+..)=0.000429 *6* α(N)=0.000333 *5*; α(O)=7.96×10^{-5} *12*; α(P)=1.472×10^{-5} *21*; α(Q)=9.56×10^{-7} *14*
		354.0 *5*	0.6 *2*	13.0339	3/2$^+$	[E2]	0.1155	α(K)=0.0549 *8*; α(L)=0.0445 *7*; α(M)=0.01195 *18*; α(N+..)=0.00413 *7* α(N)=0.00324 *5*; α(O)=0.000756 *12*; α(P)=0.0001306 *20*; α(Q)=3.11×10^{-6} *5*
		367.063 *25*	83.3 *20*	0.0	7/2$^-$	[E1]	0.0254	α(K)=0.0203 *3*; α(L)=0.00382 *6*; α(M)=0.000918 *13*; α(N+..)=0.000316 *5* α(N)=0.000246 *4*; α(O)=5.88×10^{-5} *9*; α(P)=1.093×10^{-5} *16*; α(Q)=7.29×10^{-7} *11*
368.9	13/2$^+$	78.7 *10*	40 *16*	291.135	11/2$^+$			
		143.7 *10*	1.0×10^2 *5*	225.382	9/2$^+$			
393.218	3/2$^+$	263.95 *3*	7.6 *3*	129.2995	5/2$^+$	M1	1.428	α(K)=1.136 *16*; α(L)=0.220 *3*; α(M)=0.0531 *8*; α(N+..)=0.0185 *3* α(N)=0.01432 *20*; α(O)=0.00348 *5*; α(P)=0.000672 *10*; α(Q)=5.35×10^{-5} *8*
		341.506 *10*	18.2 *6*	51.6968	5/2$^+$	M1	0.701	α(K)=0.559 *8*; α(L)=0.1076 *15*; α(M)=0.0260 *4*; α(N+..)=0.00906 *13* α(N)=0.00700 *10*; α(O)=0.001703 *24*; α(P)=0.000328 *5*; α(Q)=2.62×10^{-5} *4*
		380.191 *6*	87.4 *18*	13.0339	3/2$^+$	M1	0.523	α(K)=0.417 *6*; α(L)=0.0801 *12*; α(M)=0.0193 *3*; α(N+..)=0.00674 *10* α(N)=0.00521 *8*; α(O)=0.001267 *18*; α(P)=0.000244 *4*; α(Q)=1.95×10^{-5} *3*
		393.14 *3*	100 *10*	0.0760	1/2$^+$	M1	0.477	α(K)=0.380 *6*; α(L)=0.0731 *11*; α(M)=0.01764 *25*; α(N+..)=0.00615 *9* α(N)=0.00475 *7*; α(O)=0.001155 *17*; α(P)=0.000223 *4*; α(Q)=1.776×10^{-5} *25*
414.768	9/2$^+$	123.62 *5*	26.9 *10*	291.135	11/2$^+$	[M1]	12.08	α(K)=9.57 *14*; α(L)=1.89 *3*; α(M)=0.457 *7*; α(N+..)=0.1595 *23* α(N)=0.1232 *18*; α(O)=0.0300 *5*; α(P)=0.00578 *9*; α(Q)=0.000462 *7*
		189.360 *10*	94.3 *11*	225.382	9/2$^+$	[M1+E2]	2.3 *14*	α(K)=1.5 *14*; α(L)=0.553 *10*; α(M)=0.143 *8*; α(N+..)=0.0496 *25* α(N)=0.0387 *23*; α(O)=0.0092 *4*; α(P)=0.00164 *8*; α(Q)=8.E−5 *6*
		218.0 *5*	1.4 *12*	197.087	11/2$^+$			
		243.38 *3*	28.7 *5*	171.358	7/2$^+$	[M1+E2]	1.1 *7*	α(K)=0.8 *7*; α(L)=0.23 *5*; α(M)=0.059 *8*; α(N+..)=0.021 *3* α(N)=0.0161 *20*; α(O)=0.0038 *6*; α(P)=0.00070 *15*; α(Q)=4.E−5 *3*
		311.78 *4*	29.3 *8*	103.903	11/2$^-$	[E1]	0.0361	α(K)=0.0287 *4*; α(L)=0.00552 *8*; α(M)=0.001331 *19*; α(N+..)=0.000458 *7* α(N)=0.000356 *5*; α(O)=8.51×10^{-5} *12*; α(P)=1.570×10^{-5} *22*; α(Q)=1.014×10^{-6} *15*
		368.554 *20*	100 *2*	46.103	9/2$^-$	[E1]	0.0252	α(K)=0.0202 *3*; α(L)=0.00378 *6*; α(M)=0.000910 *13*; α(N+..)=0.000313 *5*

From ENSDF

$^{235}_{92}U_{143}$-11

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ ‡	I_γ ‡	E_f	J_f^π	Mult.	α †	Comments
								α(N)=0.000243 *4*; α(O)=5.83×10^{-5} *9*; α(P)=1.083×10^{-5} *16*; α(Q)=7.23×10^{-7} *11*
426.741	5/2$^+$	255.384 *15*	5.2 *2*	171.358	7/2$^+$	[M1]	1.565	α(K)=1.245 *18*; α(L)=0.241 *4*; α(M)=0.0583 *9*; α(N+..)=0.0203 *3* α(N)=0.01570 *22*; α(O)=0.00382 *6*; α(P)=0.000737 *11*; α(Q)=5.87×10^{-5} *9*
		297.46 *3*	3.2 *2*	129.2995	5/2$^+$	[M1]	1.025	α(K)=0.816 *12*; α(L)=0.1577 *22*; α(M)=0.0381 *6*; α(N+..)=0.01328 *19* α(N)=0.01026 *15*; α(O)=0.00250 *4*; α(P)=0.000481 *7*; α(Q)=3.84×10^{-5} *6*
		345.013 *4*	35 *2*	81.724	7/2$^+$	M1	0.682	α(K)=0.543 *8*; α(L)=0.1046 *15*; α(M)=0.0253 *4*; α(N+..)=0.00881 *13* α(N)=0.00681 *10*; α(O)=0.001655 *24*; α(P)=0.000319 *5*; α(Q)=2.54×10^{-5} *4*
		375.054 *3*	100 *2*	51.6968	5/2$^+$	M1	0.543	α(K)=0.432 *6*; α(L)=0.0832 *12*; α(M)=0.0201 *3*; α(N+..)=0.00700 *10* α(N)=0.00541 *8*; α(O)=0.001315 *19*; α(P)=0.000254 *4*; α(Q)=2.02×10^{-5} *3*
		413.713 *5*	94 *2*	13.0339	3/2$^+$	M1	0.415	α(K)=0.331 *5*; α(L)=0.0636 *9*; α(M)=0.01534 *22*; α(N+..)=0.00535 *8* α(N)=0.00413 *6*; α(O)=0.001005 *14*; α(P)=0.000194 *3*; α(Q)=1.544×10^{-5} *22*
		426.68 *3*	1.51 *4*	0.0760	1/2$^+$	(E2)	0.0699	α(K)=0.0387 *6*; α(L)=0.0230 *4*; α(M)=0.00610 *9*; α(N+..)=0.00211 *3* α(N)=0.001653 *24*; α(O)=0.000387 *6*; α(P)=6.79×10^{-5} *10*; α(Q)=2.06×10^{-6} *3*
439.39	19/2$^-$	98.92 *3*	41 *8*	339.976	17/2$^-$			
		189.56 *3*	100 *4*	250.014	15/2$^-$			
445.648	7/2$^+$	274.370@ *10*	8 *4*	171.358	7/2$^+$	M1	1.282	α(K)=1.021 *15*; α(L)=0.197 *3*; α(M)=0.0477 *7*; α(N+..)=0.01663 *24* α(N)=0.01285 *18*; α(O)=0.00313 *5*; α(P)=0.000603 *9*; α(Q)=4.81×10^{-5} *7*
		316.41 *3*	100 *3*	129.2995	5/2$^+$	M1	0.865	α(K)=0.689 *10*; α(L)=0.1329 *19*; α(M)=0.0321 *5*; α(N+..)=0.01119 *16* α(N)=0.00865 *13*; α(O)=0.00210 *3*; α(P)=0.000406 *6*; α(Q)=3.23×10^{-5} *5*
		399.536 *3*	46 *3*	46.103	9/2$^-$	[E1]	0.0213	α(K)=0.01706 *24*; α(L)=0.00317 *5*; α(M)=0.000761 *11*; α(N+..)=0.000262 *4* α(N)=0.000204 *3*; α(O)=4.88×10^{-5} *7*; α(P)=9.10×10^{-6} *13*; α(Q)=6.16×10^{-7} *9*
		445.72 *3*	67 *5*	0.0	7/2$^-$	E1	0.01698	α(K)=0.01367 *20*; α(L)=0.00250 *4*; α(M)=0.000600 *9*; α(N+..)=0.000207 *3* α(N)=0.0001606 *23*; α(O)=3.86×10^{-5} *6*; α(P)=7.21×10^{-6} *10*; α(Q)=4.98×10^{-7} *7*
456.84	15/2$^+$	88.0 *10*	49 *16*	368.9	13/2$^+$			
		165.70 *6*	100 *23*	291.135	11/2$^+$			
473.826	7/2$^+$	248.95 *5*	3.5 *4*	225.382	9/2$^+$	[M1]	1.680	α(K)=1.337 *19*; α(L)=0.259 *4*; α(M)=0.0626 *9*; α(N+..)=0.0218 *3* α(N)=0.01687 *24*; α(O)=0.00410 *6*; α(P)=0.000791 *11*; α(Q)=6.31×10^{-5} *9*
		302.87 *5*	2.4 *2*	171.358	7/2$^+$	[M1]	0.976	α(K)=0.777 *11*; α(L)=0.1500 *21*; α(M)=0.0362 *5*; α(N+..)=0.01263 *18* α(N)=0.00976 *14*; α(O)=0.00237 *4*; α(P)=0.000458 *7*; α(Q)=3.65×10^{-5} *6*
		323.84 *3*	26.2 *4*	150.356	9/2$^+$	M1	0.811	α(K)=0.646 *9*; α(L)=0.1246 *18*; α(M)=0.0301 *5*; α(N+..)=0.01049 *15* α(N)=0.00811 *12*; α(O)=0.00197 *3*; α(P)=0.000380 *6*; α(Q)=3.03×10^{-5} *5*
		341.014 *30*	<24	129.2995	5/2$^+$	[M1]	0.704	α(K)=0.561 *8*; α(L)=0.1081 *16*; α(M)=0.0261 *4*; α(N+..)=0.00909 *13* α(N)=0.00703 *10*; α(O)=0.001709 *24*; α(P)=0.000330 *5*; α(Q)=2.63×10^{-5} *4*
		392.53 *3*	100 *10*	81.724	7/2$^+$	M1	0.479	α(K)=0.382 *6*; α(L)=0.0734 *11*; α(M)=0.01772 *25*; α(N+..)=0.00617 *9* α(N)=0.00477 *7*; α(O)=0.001160 *17*; α(P)=0.000224 *4*; α(Q)=1.784×10^{-5} *25*
		422.598 *19*	59.5 *10*	51.6968	5/2$^+$	M1	0.392	α(K)=0.313 *5*; α(L)=0.0600 *9*; α(M)=0.01447 *21*; α(N+..)=0.00504 *7* α(N)=0.00390 *6*; α(O)=0.000948 *14*; α(P)=0.000183 *3*; α(Q)=1.457×10^{-5} *21*
		428.4 *3*	0.50 *5*	46.103	9/2$^-$	[E1]	0.0184	α(K)=0.01481 *21*; α(L)=0.00272 *4*; α(M)=0.000653 *10*; α(N+..)=0.000225 *4* α(N)=0.0001749 *25*; α(O)=4.20×10^{-5} *6*; α(P)=7.84×10^{-6} *11*; α(Q)=5.38×10^{-7} *8*

From ENSDF

$^{235}_{92}U_{143}$-12

Adopted Levels, Gammas (continued)

$\gamma(^{235}U)$ (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
473.826	7/2+	461.25 *5*	1.11 *2*	13.0339	3/2+	[E2]		0.0575	α(K)=0.0334 *5*; α(L)=0.01772 *25*; α(M)=0.00467 *7*; α(N+..)=0.001617 *23* α(N)=0.001265 *18*; α(O)=0.000297 *5*; α(P)=5.24×10^{-5} *8*; α(Q)=1.743×10^{-6} *25*
		473.9 *5*	0.026 *13*	0.0	7/2−	[E1]		0.01501	α(K)=0.01210 *18*; α(L)=0.00220 *4*; α(M)=0.000526 *8*; α(N+..)=0.000182 *3* α(N)=0.0001409 *20*; α(O)=3.39×10^{-5} *5*; α(P)=6.35×10^{-6} *9*; α(Q)=4.43×10^{-7} *7*
482.00	17/2+	125.2 *10*	1.7 *7*	357.22	15/2+				
		187.48 *4*	100 *13*	294.557	13/2+				
510.49	(9/2+)	406.8 *2*	100 *20*	103.903	11/2−				
		463.9 *3*	11.2 *12*	46.103	9/2−				
533.208	9/2+	242.08 *3*	2.8 *2*	291.135	11/2+	[M1]		1.82	α(K)=1.445 *21*; α(L)=0.280 *4*; α(M)=0.0677 *10*; α(N+..)=0.0236 *4* α(N)=0.0182 *3*; α(O)=0.00444 *7*; α(P)=0.000856 *12*; α(Q)=6.82×10^{-5} *10*
		307.85 *5*	2.1 *2*	225.382	9/2+	[M1]		0.933	α(K)=0.743 *11*; α(L)=0.1434 *20*; α(M)=0.0346 *5*; α(N+..)=0.01207 *17* α(N)=0.00933 *13*; α(O)=0.00227 *4*; α(P)=0.000438 *7*; α(Q)=3.49×10^{-5} *5*
		336.113 *12*	43.2 *8*	197.087	11/2+	M1		0.733	α(K)=0.583 *9*; α(L)=0.1125 *16*; α(M)=0.0272 *4*; α(N+..)=0.00947 *14* α(N)=0.00732 *11*; α(O)=0.001779 *25*; α(P)=0.000343 *5*; α(Q)=2.73×10^{-5} *4*
		361.89 *5*	4.7 *3*	171.358	7/2+	[M1]		0.598	α(K)=0.477 *7*; α(L)=0.0918 *13*; α(M)=0.0222 *4*; α(N+..)=0.00772 *11* α(N)=0.00597 *9*; α(O)=0.001451 *21*; α(P)=0.000280 *4*; α(Q)=2.23×10^{-5} *4*
		382.75 *5*	100 *2*	150.356	9/2+	(M1)		0.513	α(K)=0.409 *6*; α(L)=0.0787 *11*; α(M)=0.0190 *3*; α(N+..)=0.00662 *10* α(N)=0.00511 *8*; α(O)=0.001244 *18*; α(P)=0.000240 *4*; α(Q)=1.91×10^{-5} *3*
		430.08 *10*	1.67 *5*	103.903	11/2−	[E1]		0.0183	α(K)=0.01469 *21*; α(L)=0.00270 *4*; α(M)=0.000648 *9*; α(N+..)=0.000223 *4* α(N)=0.0001734 *25*; α(O)=4.16×10^{-5} *6*; α(P)=7.77×10^{-6} *11*; α(Q)=5.34×10^{-7} *8*
		451.481 *10*	73.1 *6*	81.724	7/2+	M1(+E2)	1.0 *10*	0.19 *14*	α(K)=0.15 *12*; α(L)=0.035 *16*; α(M)=0.009 *4*; α(N+..)=0.0030 *13* α(N)=0.0023 *10*; α(O)=0.00056 *24*; α(P)=0.00010 *5*; α(Q)=7.E−6 *6*
		481.66 *12*	1.8 *1*	51.6968	5/2+	[E2]		0.0517	α(K)=0.0309 *5*; α(L)=0.01538 *22*; α(M)=0.00404 *6*; α(N+..)=0.001399 *20* α(N)=0.001095 *16*; α(O)=0.000257 *4*; α(P)=4.55×10^{-5} *7*; α(Q)=1.590×10^{-6} *23*

From ENSDF

$^{235}_{92}U_{143}$-13

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ ‡	I_γ ‡	E_f	J_f^π	Mult.	δ #	α †	Comments
533.208	9/2+	487.06 *10*	0.10 *1*	46.103	9/2−	[E1]		0.01421	α(K)=0.01147 *16*; α(L)=0.00208 *3*; α(M)=0.000497 *7*; α(N+..)=0.0001714 *24* α(N)=0.0001330 *19*; α(O)=3.20×10^{-5} *5*; α(P)=6.00×10^{-6} *9*; α(Q)=4.21×10^{-7} *6*
551.17	21/2−	111.67 *3*	34 *5*	439.39	19/2−				
		211.67 *4*	100 *3*	339.976	17/2−				
557.2	17/2+	100.0 *10*	35 *8*	456.84	15/2+				
		188.30 *13*	100 *19*	368.9	13/2+				
559.34	19/2+	76.6 *10*	2.7 *5*	482.00	17/2+				
		202.08 *4*	100 *10*	357.22	15/2+				
608.17	11/2+	411.15 *3*	100 *50*	197.087	11/2+	[M1]		0.422	α(K)=0.337 *5*; α(L)=0.0647 *9*; α(M)=0.01560 *22*; α(N+..)=0.00544 *8* α(N)=0.00420 *6*; α(O)=0.001022 *15*; α(P)=0.000197 *3*; α(Q)=1.571×10^{-5} *22*
		457.61 *5*	21.9 *4*	150.356	9/2+	[M1]		0.316	α(K)=0.252 *4*; α(L)=0.0483 *7*; α(M)=0.01165 *17*; α(N+..)=0.00406 *6* α(N)=0.00314 *5*; α(O)=0.000763 *11*; α(P)=0.0001471 *21*; α(Q)=1.173×10^{-5} *17*
		526.4 *4*	0.84 *30*	81.724	7/2+	[E2]		0.0419	α(K)=0.0262 *4*; α(L)=0.01160 *17*; α(M)=0.00303 *5*; α(N+..)=0.001048 *15* α(N)=0.000819 *12*; α(O)=0.000193 *3*; α(P)=3.44×10^{-5} *5*; α(Q)=1.322×10^{-6} *19*
633.092	(5/2−)	633.15 *6*	100	0.0	7/2−	M1(+E2)	<0.5	0.122 *11*	α(K)=0.097 *9*; α(L)=0.0187 *14*; α(M)=0.0045 *4*; α(N+..)=0.00157 *12* α(N)=0.00122 *9*; α(O)=0.000296 *21*; α(P)=5.7×10^{-5} *5*; α(Q)=4.5×10^{-6} *4*
637.794	3/2−	211.056 *7*	0.7 *4*	426.741	5/2+				
		244.583 *8*	1.7 *9*	393.218	3/2+				
		586.3 *3*	8.0 *8*	51.6968	5/2+				
		624.78 *5*	18 *1*	13.0339	3/2+	(E1)		0.00877 *13*	α=0.00877 *13*; α(K)=0.00712 *10*; α(L)=0.001252 *18*; α(M)=0.000299 *5*; α(N+..)=0.0001032 α(N)=8.00×10^{-5} *12*; α(O)=1.93×10^{-5} *3*; α(P)=3.64×10^{-6} *5*; α(Q)=2.66×10^{-7} *4*
		637.7		0.0760	1/2+	(E1)		0.00844 *12*	α=0.00844 *12*; α(K)=0.00685 *10*; α(L)=0.001202 *17*; α(M)=0.000287 *4*; α(N+..)=9.91×10^{-5} *14* α(N)=7.68×10^{-5} *11*; α(O)=1.85×10^{-5} *3*; α(P)=3.50×10^{-6} *5*; α(Q)=2.56×10^{-7} *4*
		637.8	100 *10*	0.0	7/2−	E2		0.0273	α(K)=0.0185 *3*; α(L)=0.00655 *10*; α(M)=0.001683 *24*; α(N+..)=0.000583 *9* α(N)=0.000455 *7*; α(O)=0.0001078 *15*; α(P)=1.95×10^{-5} *3*; α(Q)=8.96×10^{-7} *13*
658.96	1/2−	265.7 *3*	11 *2*	393.218	3/2+	[E1]		0.0514	α(K)=0.0408 *6*; α(L)=0.00802 *12*; α(M)=0.00194 *3*;

From ENSDF

$^{235}_{92}U_{143}$-14

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ ‡	I_γ ‡	E_f	J_f^π	Mult.	α †	Comments
								α(N+..)=0.000665 *10* α(N)=0.000518 *8*; α(O)=0.0001234 *18*; α(P)=2.26×10^{-5} *4*; α(Q)=1.412×10^{-6} *20*
658.96	1/2$^-$	645.94 *4*	100 *3*	13.0339	3/2$^+$	E1	0.00824 *12*	α=0.00824 *12*; α(K)=0.00669 *10*; α(L)=0.001172 *17*; α(M)=0.000280 *4*; α(N+..)=9.66×10^{-5} *14* α(N)=7.49×10^{-5} *11*; α(O)=1.81×10^{-5} *3*; α(P)=3.41×10^{-6} *5*; α(Q)=2.50×10^{-7} *4*
		658.86 *6*	66.8 *13*	0.0760	1/2$^+$	E1	0.00794 *12*	α=0.00794 *12*; α(K)=0.00645 *9*; α(L)=0.001128 *16*; α(M)=0.000269 *4*; α(N+..)=9.29×10^{-5} *13* α(N)=7.20×10^{-5} *10*; α(O)=1.737×10^{-5} *25*; α(P)=3.29×10^{-6} *5*; α(Q)=2.41×10^{-7} *4*
664.531	(5/2)$^-$	493.0[c] *3*	43 *2*	171.358	7/2$^+$	[E1]	0.01387	α(K)=0.01120 *16*; α(L)=0.00202 *3*; α(M)=0.000484 *7*; α(N+..)=0.0001671 *24* α(N)=0.0001297 *19*; α(O)=3.12×10^{-5} *5*; α(P)=5.85×10^{-6} *9*; α(Q)=4.11×10^{-7} *6* B(E1)(W.u.)= 4.1×10^{-6} *25*.
		582.89 *10*	30 *2*	81.724	7/2$^+$	[E1]	0.01001	α(K)=0.00811 *12*; α(L)=0.001437 *21*; α(M)=0.000343 *5*; α(N+..)=0.0001185 *17* α(N)=9.19×10^{-5} *13*; α(O)=2.21×10^{-5} *4*; α(P)=4.17×10^{-6} *6*; α(Q)=3.01×10^{-7} *5* B(E1)(W.u.)= 1.7×10^{-6} *10*.
		612.83 *3*	47 *2*	51.6968	5/2$^+$	E1	0.00910 *13*	α=0.00910 *13*; α(K)=0.00738 *11*; α(L)=0.001300 *19*; α(M)=0.000310 *5*; α(N+..)=0.0001072 α(N)=8.31×10^{-5} *12*; α(O)=2.00×10^{-5} *3*; α(P)=3.78×10^{-6} *6*; α(Q)=2.75×10^{-7} *4* B(E1)(W.u.)= 2.3×10^{-6} *14*.
		618.28 *6*	100 *3*	46.103	9/2$^-$	(E2)	0.0292	α(K)=0.0196 *3*; α(L)=0.00716 *10*; α(M)=0.00184 *3*; α(N+..)=0.000639 *9* α(N)=0.000499 *7*; α(O)=0.0001180 *17*; α(P)=2.13×10^{-5} *3*; α(Q)=9.53×10^{-7} *14* B(E2)(W.u.)= 0.46 *28*.
		664.58 *5*	81.3 *16*	0.0	7/2$^-$	E2	0.0251	α(K)=0.01721 *25*; α(L)=0.00583 *9*; α(M)=0.001493 *21*; α(N+..)=0.000517 *8* α(N)=0.000403 *6*; α(O)=9.57×10^{-5} *14*; α(P)=1.736×10^{-5} *25*; α(Q)=8.25×10^{-7} *12* B(E2)(W.u.)= 0.26 *16*.
666.69	19/2$^+$	110.0 *10*	23 *4*	557.2	17/2$^+$			
		209.84 *8*	100 *13*	456.84	15/2$^+$			
670.924	(7/2)$^-$	624.78 *3*	100 *5*	46.103	9/2$^-$	M1	0.1369	α(K)=0.1094 *16*; α(L)=0.0208 *3*; α(M)=0.00501 *7*; α(N+..)=0.001745 *25* α(N)=0.001349 *19*; α(O)=0.000328 *5*; α(P)=6.33×10^{-5} *9*; α(Q)=5.05×10^{-6} *7*
		670.99 *4*	2	0.0	7/2$^-$	M1+E2	0.096 *18*	α(K)=0.076 *15*; α(L)=0.0149 *23*; α(M)=0.0036 *6*; α(N+..)=0.00126 *19* α(N)=0.00097 *15*; α(O)=0.00024 *4*; α(P)=4.5×10^{-5} *7*; α(Q)=3.5×10^{-6} *7*
671.94	23/2$^-$	120.93 *3*	25.4 *18*	551.17	21/2$^-$			
		232.40 *3*	100 *5*	439.39	19/2$^-$	[E2]	0.435	α(K)=0.1200 *17*; α(L)=0.230 *4*; α(M)=0.0631 *9*; α(N+..)=0.0218 *3* α(N)=0.01713 *24*; α(O)=0.00396 *6*; α(P)=0.000668 *10*; α(Q)=8.48×10^{-6} *12*

From ENSDF

$^{235}_{92}U_{143}$-15

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ ‡	I_γ ‡	E_f	J_f^π	Mult.	α †	Comments
701.101	(7/2)$^-$	550.5 *2*	19 *2*	150.356	9/2$^+$	[E1]	0.01117	α(K)=0.00904 *13*; α(L)=0.001613 *23*; α(M)=0.000385 *6*; α(N+..)=0.0001331 *19* α(N)=0.0001032 *15*; α(O)=2.48×10^{-5} *4*; α(P)=4.68×10^{-6} *7*; α(Q)=3.35×10^{-7} *5* B(E1)(W.u.)≈4×10^{-6}.
		597.99 *5*	74 *3*	103.903	11/2$^-$	[E2]	0.0314	α(K)=0.0208 *3*; α(L)=0.00789 *11*; α(M)=0.00204 *3*; α(N+..)=0.000706 *10* α(N)=0.000551 *8*; α(O)=0.0001304 *19*; α(P)=2.35×10^{-5} *4*; α(Q)=1.019×10^{-6} *15* B(E2)(W.u.)≈1.4.
		619.21 *6*	54 *4*	81.724	7/2$^+$	[E1]	0.00892 *13*	α=0.00892 *13*; α(K)=0.00724 *11*; α(L)=0.001274 *18*; α(M)=0.000304 *5*; α(N+..)=0.0001050 α(N)=8.14×10^{-5} *12*; α(O)=1.96×10^{-5} *3*; α(P)=3.71×10^{-6} *6*; α(Q)=2.70×10^{-7} *4* B(E1)(W.u.)≈9×10^{-6}.
		649.32 *6*	32 *2*	51.6968	5/2$^+$	[E1]	0.00816 *12*	α=0.00816 *12*; α(K)=0.00662 *10*; α(L)=0.001160 *17*; α(M)=0.000277 *4*; α(N+..)=9.56×10^{-5} *14* α(N)=7.41×10^{-5} *11*; α(O)=1.79×10^{-5} *3*; α(P)=3.38×10^{-6} *5*; α(Q)=2.48×10^{-7} *4* B(E1)(W.u.)≈4×10^{-6}.
		654.88 *8*	100 *2*	46.103	9/2$^-$	(E2)	0.0258	α(K)=0.01767 *25*; α(L)=0.00607 *9*; α(M)=0.001558 *22*; α(N+..)=0.000540 *8* α(N)=0.000421 *6*; α(O)=9.98×10^{-5} *14*; α(P)=1.81×10^{-5} *3*; α(Q)=8.50×10^{-7} *12* B(E2)(W.u.)≈1.5.
		701.01 *2*	22.7 *6*	0.0760	1/2$^+$	[M1+E2]	0.06 *4*	α(K)=0.05 *4*; α(L)=0.010 *6*; α(M)=0.0025 *12*; α(N+..)=0.0009 *5* α(N)=0.0007 *4*; α(O)=0.00016 *8*; α(P)=3.1×10^{-5} *16*; α(Q)=2.2×10^{-6} *15* B(E2)(W.u.)≈0.2.
703.753	3/2$^-$	652.05 *2*	100 *2*	51.6968	5/2$^+$	E1	0.00809 *12*	α=0.00809 *12*; α(K)=0.00657 *10*; α(L)=0.001151 *17*; α(M)=0.000274 *4*; α(N+..)=9.48×10^{-5} *14* α(N)=7.35×10^{-5} *11*; α(O)=1.773×10^{-5} *25*; α(P)=3.35×10^{-6} *5*; α(Q)=2.46×10^{-7} *4*
		690.81 *8*	14 *4*	13.0339	3/2$^+$	E1	0.00727 *11*	α=0.00727 *11*; α(K)=0.00591 *9*; α(L)=0.001029 *15*; α(M)=0.000245 *4*; α(N+..)=8.47×10^{-5} *12* α(N)=6.57×10^{-5} *10*; α(O)=1.584×10^{-5} *23*; α(P)=3.00×10^{-6} *5*; α(Q)=2.22×10^{-7} *4*
		703.6 *5*	59.0 *12*	0.0760	1/2$^+$	E1	0.00702 *10*	α=0.00702 *10*; α(K)=0.00571 *8*; α(L)=0.000993 *14*; α(M)=0.000237 *4*; α(N+..)=8.18×10^{-5} *12* α(N)=6.34×10^{-5} *9*; α(O)=1.529×10^{-5} *22*; α(P)=2.90×10^{-6} *4*; α(Q)=2.15×10^{-7} *3*
710.02	21/2$^+$	152.0 *10*	1.2 *5*	557.2	17/2$^+$			
		228.06 *4*	100 *8*	482.00	17/2$^+$			
720.22	(9/2)$^-$	617.10 *10*	100 *5*	103.903	11/2$^-$	M1	0.1415	

From ENSDF

$^{235}_{92}U_{143}$-16

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
720.22	(9/2)$^-$	674.05 *3*	38 *2*	46.103	9/2$^-$	M1		0.1118	
750.21	(9/2$^-$)	579.4 *3*	43 *9*	171.358	7/2$^+$				
		599.6 *2*	100 *10*	150.356	9/2$^+$				
		668.2 *5*	20 *7*	81.724	7/2$^+$				
761.017	(1/2)$^-$	123.228[@] *5*	2.0 *4*	637.794	3/2$^-$	[M1]		12.19	α(K)=9.66 *14*; α(L)=1.91 *3*; α(M)=0.461 *7*; α(N+..)=0.1609 *23* α(N)=0.1244 *18*; α(O)=0.0303 *5*; α(P)=0.00584 *9*; α(Q)=0.000467 *7*
		747.970[@] *10*	100 *8*	13.0339	3/2$^+$	E1		0.00628 *9*	α=0.00628 *9*; α(K)=0.00511 *8*; α(L)=0.000883 *13*; α(M)=0.000210 *3*; α(N+..)=7.27×10^{-5} *11* α(N)=5.63×10^{-5} *8*; α(O)=1.360×10^{-5} *19*; α(P)=2.58×10^{-6} *4*; α(Q)=1.93×10^{-7} *3*
		760.98[@] *4*	8.0 *16*	0.0760	1/2$^+$	[E1]		0.00608 *9*	α=0.00608 *9*; α(K)=0.00496 *7*; α(L)=0.000855 *12*; α(M)=0.000203 *3*; α(N+..)=7.03×10^{-5} *10* α(N)=5.45×10^{-5} *8*; α(O)=1.316×10^{-5} *19*; α(P)=2.50×10^{-6} *4*; α(Q)=1.87×10^{-7} *3*
769.27	1/2$^+$	639.99 *10*	100 *2*	129.2995	5/2$^+$	[E2]		0.0271	α(K)=0.0184 *3*; α(L)=0.00647 *9*; α(M)=0.001663 *24*; α(N+..)=0.000576 *8* α(N)=0.000449 *7*; α(O)=0.0001065 *15*; α(P)=1.93×10^{-5} *3*; α(Q)=8.88×10^{-7} *13*
		756.4 *2*	32 *6*	13.0339	3/2$^+$	[M1+E2]		0.05 *4*	α(K)=0.04 *3*; α(L)=0.008 *5*; α(M)=0.0020 *10*; α(N+..)=0.0007 *4* α(N)=0.0005 *3*; α(O)=0.00013 *7*; α(P)=2.5×10^{-5} *13*; α(Q)=1.8×10^{-6} *12*
		769.15 *8*	59 *11*	0.0760	1/2$^+$	E0+M1			
769.934	3/2$^-$	718.231[@] *10*	41 *3*	51.6968	5/2$^+$	E1		0.00676 *10*	α=0.00676 *10*; α(K)=0.00550 *8*; α(L)=0.000954 *14*; α(M)=0.000227 *4*; α(N+..)=7.86×10^{-5} *11* α(N)=6.09×10^{-5} *9*; α(O)=1.470×10^{-5} *21*; α(P)=2.79×10^{-6} *4*; α(Q)=2.07×10^{-7} *3*
		756.87[@] *6*	10 *3*	13.0339	3/2$^+$	[E1]		0.00614 *9*	α=0.00614 *9*; α(K)=0.00500 *7*; α(L)=0.000864 *12*; α(M)=0.000206 *3*; α(N+..)=7.11×10^{-5} *10* α(N)=5.51×10^{-5} *8*; α(O)=1.330×10^{-5} *19*; α(P)=2.52×10^{-6} *4*; α(Q)=1.89×10^{-7} *3*
		769.870[@] *16*	100 *18*	0.0760	1/2$^+$	E1		0.00596 *9*	α=0.00596 *9*; α(K)=0.00485 *7*; α(L)=0.000836 *12*; α(M)=0.000199 *3*; α(N+..)=6.88×10^{-5} *10* α(N)=5.33×10^{-5} *8*; α(O)=1.287×10^{-5} *18*; α(P)=2.44×10^{-6} *4*; α(Q)=1.83×10^{-7} *3*
778.36	(11/2)$^-$	606.9 *2*	23.3 *23*	171.464	13/2$^-$	M1(+E2)	<1	0.12 *3*	α(K)=0.094 *25*; α(L)=0.019 *4*; α(M)=0.0045 *9*; α(N+..)=0.0016 *3* α(N)=0.00123 *24*; α(O)=0.00030 *6*; α(P)=5.7×10^{-5} *12*; α(Q)=4.3×10^{-6} *12*
		674.4 *5*	100 *3*	103.903	11/2$^-$	(M1)		0.1116	α(K)=0.0892 *13*; α(L)=0.01692 *24*; α(M)=0.00408 *6*;

From ENSDF

$^{235}_{92}U_{143}$-17

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
									α(N+..)=0.001420 *20* α(N)=0.001098 *16*; α(O)=0.000267 *4*; α(P)=5.15×10^{-5} *8*; α(Q)=4.11×10^{-6} *6*
779.51	3/2$^+$	697.8[c] *5*	54 *12*	81.724	7/2$^+$	[E2]		0.0226	α(K)=0.01578 *23*; α(L)=0.00509 *8*; α(M)=0.001300 *19*; α(N+..)=0.000450 *7* α(N)=0.000351 *5*; α(O)=8.34×10^{-5} *12*; α(P)=1.518×10^{-5} *22*; α(Q)=7.50×10^{-7} *11*
		727.9 *2*	86 *5*	51.6968	5/2$^+$	M1(+E2)	<0.8	0.077 *14*	α(K)=0.061 *12*; α(L)=0.0120 *19*; α(M)=0.0029 *5*; α(N+..)=0.00101 *15* α(N)=0.00078 *12*; α(O)=0.00019 *3*; α(P)=3.6×10^{-5} *6*; α(Q)=2.8×10^{-6} *6*
		766.47 *3*	90 *5*	13.0339	3/2$^+$	E0+M1+E2		0.05 *3*	α(K)=0.04 *3*; α(L)=0.008 *4*; α(M)=0.0019 *10*; α(N+..)=0.0007 *4* α(N)=0.0005 *3*; α(O)=0.00013 *7*; α(P)=2.4×10^{-5} *13*; α(Q)=1.8×10^{-6} *12*
		779.4	100 *6*	0.0760	1/2$^+$	M1(+E2)	<1	0.061 *15*	α(K)=0.049 *12*; α(L)=0.0096 *20*; α(M)=0.0023 *5*; α(N+..)=0.00081 *16* α(N)=0.00062 *13*; α(O)=0.00015 *3*; α(P)=2.9×10^{-5} *6*; α(Q)=2.2×10^{-6} *6*
787.8	21/2$^+$	121.4 *10*	27 *5*	666.69	19/2$^+$				
		230.64 *10*	100 *17*	557.2	17/2$^+$				
790.9	15/2$^+$	434.1 *10*	100	357.22	15/2$^+$				
800.58	23/2$^+$	90.65 *6*	1.8 *6*	710.02	21/2$^+$				
		241.19 *4*	100 *7*	559.34	19/2$^+$				
805.65	25/2$^-$	134.2 *2*	28 *2*	671.94	23/2$^-$				
		254.5 *2*	100 *5*	551.17	21/2$^-$	[E2]		0.319	α(K)=0.1019 *15*; α(L)=0.1589 *23*; α(M)=0.0434 *7*; α(N+..)=0.01497 *22* α(N)=0.01178 *17*; α(O)=0.00273 *4*; α(P)=0.000462 *7*; α(Q)=6.75×10^{-6} *10*
805.651	3/2$^-$	172.560[&] *11*	9[&] *3*	633.092	(5/2$^-$)	[M1]		4.7	α(K)=3.73 *6*; α(L)=0.728 *11*; α(M)=0.1761 *25*; α(N+..)=0.0614 *9* α(N)=0.0475 *7*; α(O)=0.01155 *17*; α(P)=0.00223 *4*; α(Q)=0.0001777 *25*
		378.83[&] *16*	29[&] *15*	426.741	5/2$^+$	[E1]		0.0238	α(K)=0.0190 *3*; α(L)=0.00356 *5*; α(M)=0.000856 *12*; α(N+..)=0.000295 *5* α(N)=0.000229 *4*; α(O)=5.49×10^{-5} *8*; α(P)=1.020×10^{-5} *15*; α(Q)=6.85×10^{-7} *10*
		412.31[&] *12*	69[&] *23*	393.218	3/2$^+$	[E1]			
		792.58[&] *5*	77[&] *9*	13.0339	3/2$^+$	(E1)		0.00565 *8*	α=0.00565 *8*; α(K)=0.00460 *7*; α(L)=0.000791 *11*; α(M)=0.000188 *3*; α(N+..)=6.51×10^{-5} *10* α(N)=5.04×10^{-5} *7*; α(O)=1.218×10^{-5} *17*; α(P)=2.31×10^{-6} *4*; α(Q)=1.741×10^{-7} *25*

From ENSDF

$^{235}_{92}U_{143}$-18

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	α[†]	Comments
805.651	3/2⁻	805.65[&] *1*	101[&] *10*	0.0	7/2⁻	E2	0.01688	α(K)=0.01223 *18*; α(L)=0.00348 *5*; α(M)=0.000877 *13*; α(N+..)=0.000304 *5* α(N)=0.000237 *4*; α(O)=5.65×10^{-5} *8*; α(P)=1.038×10^{-5} *15*; α(Q)=5.67×10^{-7} *8*
806.9	11/2⁻	557.0 *5*	100 *25*	250.014	15/2⁻			
		635.3 *5*	1.0×10^2 *10*	171.464	13/2⁻			
811.96	(5/2⁻)	760.26[@] *5*	45 *9*	51.6968	5/2⁺	[E1]	0.00609 *9*	α=0.00609 *9*; α(K)=0.00496 *7*; α(L)=0.000856 *12*; α(M)=0.000204 *3*; α(N+..)=7.05×10^{-5} *10* α(N)=5.46×10^{-5} *8*; α(O)=1.318×10^{-5} *19*; α(P)=2.50×10^{-6} *4*; α(Q)=1.87×10^{-7} *3*
		798.92[@] *3*	100 *10*	13.0339	3/2⁺	(E1)	0.00557 *8*	α=0.00557 *8*; α(K)=0.00454 *7*; α(L)=0.000780 *11*; α(M)=0.000186 *3*; α(N+..)=6.42×10^{-5} *9* α(N)=4.97×10^{-5} *7*; α(O)=1.201×10^{-5} *17*; α(P)=2.28×10^{-6} *4*; α(Q)=1.718×10^{-7} *24*
821.23	5/2⁺	428.03[c] *4*		393.218	3/2⁺			
		596.0 *5*	32 *16*	225.382	9/2⁺	[E2]	0.0318	α(K)=0.0210 *3*; α(L)=0.00800 *12*; α(M)=0.00207 *3*; α(N+..)=0.000717 *11* α(N)=0.000560 *8*; α(O)=0.0001323 *19*; α(P)=2.38×10^{-5} *4*; α(Q)=1.029×10^{-6} *15*
		670.8[c] *5*	7	150.356	9/2⁺	[E2]	0.0246	α(K)=0.01693 *24*; α(L)=0.00568 *8*; α(M)=0.001454 *21*; α(N+..)=0.000504 *8* α(N)=0.000393 *6*; α(O)=9.32×10^{-5} *14*; α(P)=1.692×10^{-5} *24*; α(Q)=8.10×10^{-7} *12*
		769.59[&] *14*	<42[&]	51.6968	5/2⁺	E0+(M1)		
		808.19[&] *4*	92[&] *17*	13.0339	3/2⁺	M1	0.0690	α(K)=0.0552 *8*; α(L)=0.01042 *15*; α(M)=0.00251 *4*; α(N+..)=0.000874 *13* α(N)=0.000675 *10*; α(O)=0.0001643 *23*; α(P)=3.17×10^{-5} *5*; α(Q)=2.54×10^{-6} *4*
		821.16[@] *CA*		0.0760	1/2⁺	[E2]		
		821.3[&] *2*	100[&] *25*	0.0	7/2⁻	[E1]	0.00530 *8*	α=0.00530 *8*; α(K)=0.00432 *6*; α(L)=0.000741 *11*; α(M)=0.0001761 *25*; α(N+..)=6.09×10^{-5} *9* α(N)=4.72×10^{-5} *7*; α(O)=1.140×10^{-5} *16*; α(P)=2.17×10^{-6} *3*; α(Q)=1.638×10^{-7} *23*
843.859	(1/2)⁺	714.70[@] *10*	65 *7*	129.2995	5/2⁺	E2	0.0215	α(K)=0.01512 *22*; α(L)=0.00477 *7*; α(M)=0.001215 *17*; α(N+..)=0.000421 *6* α(N)=0.000328 *5*; α(O)=7.80×10^{-5} *11*; α(P)=1.423×10^{-5} *20*; α(Q)=7.15×10^{-7} *10*
		843.780[@] *10*	100 *5*	0.0760	1/2⁺	M1(+E0)		
845.35?	(7/2⁺)	763.61[@c] *2*	100	81.724	7/2⁺	E0(+M1)		
850.56	13/2⁻	600.47 *6*	100 *15*	250.014	15/2⁻			

From ENSDF

$^{235}_{92}U_{143}$-19

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
850.56	13/2$^-$	679.22 *3*	75 *17*	171.358	7/2$^+$				
865.189	3/2$^+$	693.810[&] *10*	44[&] *5*	171.358	7/2$^+$	E2		0.0229	α(K)=0.01594 *23*; α(L)=0.00517 *8*; α(M)=0.001321 *19*; α(N+..)=0.000458 *7* α(N)=0.000357 *5*; α(O)=8.47×10^{-5} *12*; α(P)=1.542×10^{-5} *22*; α(Q)=7.58×10^{-7} *11*
		735.910[&] *15*	69[&] *7*	129.2995	5/2$^+$	M1+E2	1.2 *2*	0.048 *7*	α(K)=0.037 *6*; α(L)=0.0081 *9*; α(M)=0.00198 *20*; α(N+..)=0.00069 *7* α(N)=0.00053 *6*; α(O)=0.000129 *13*; α(P)=2.4×10^{-5} *3*; α(Q)=1.73×10^{-6} *24*
		783.40[&] *5*	8.7[&] *18*	81.724	7/2$^+$	[E2]		0.0179	α(K)=0.01285 *18*; α(L)=0.00374 *6*; α(M)=0.000946 *14*; α(N+..)=0.000328 *5* α(N)=0.000255 *4*; α(O)=6.08×10^{-5} *9*; α(P)=1.116×10^{-5} *16*; α(Q)=5.99×10^{-7} *9*
		813.510[&] *17*	100[&] *10*	51.6968	5/2$^+$	M1		0.0678	α(K)=0.0542 *8*; α(L)=0.01024 *15*; α(M)=0.00246 *4*; α(N+..)=0.000859 *12* α(N)=0.000664 *10*; α(O)=0.0001614 *23*; α(P)=3.11×10^{-5} *5*; α(Q)=2.49×10^{-6} *4*
879.8	13/2$^-$	629.7 *5*	100 *12*	250.014	15/2$^-$				
		708.4 *5*	42 *12*	171.464	13/2$^-$				
885.5	(11/2$^-$)	63.5 *5*		821.83	(9/2$^-$)				
		108.7 *5*		778.36	(11/2)$^-$				
		165.8 *5*		720.22	(9/2)$^-$				
		215.6 *5*		670.924	(7/2)$^-$				
		297.9 *5*		587.8	(11/2$^+$)				
		715.3 *5*		171.464	13/2$^-$				
		734.4 *3*		150.356	9/2$^+$				
		782.8 *3*		103.903	11/2$^-$				
		839.5 *5*		46.103	9/2$^-$				
891.91	5/2$^+$	720.55[&] *3*	27[&] *7*	171.358	7/2$^+$	[M1+E2]		0.06 *4*	α(K)=0.04 *3*; α(L)=0.009 *5*; α(M)=0.0023 *12*; α(N+..)=0.0008 *4* α(N)=0.0006 *3*; α(O)=0.00015 *8*; α(P)=2.9×10^{-5} *15*; α(Q)=2.1×10^{-6} *14*
		762.6[&] *2*	13[&] *6*	129.2995	5/2$^+$	[M1+E2]		0.05 *3*	α(K)=0.04 *3*; α(L)=0.008 *4*; α(M)=0.0020 *10*; α(N+..)=0.0007 *4* α(N)=0.0005 *3*; α(O)=0.00013 *7*; α(P)=2.5×10^{-5} *13*; α(Q)=1.8×10^{-6} *12*
		840.25[@] *9*	64 *7*	51.6968	5/2$^+$	M1+E0			
		879.2 *3*	48 *5*	13.0339	3/2$^+$	[M1+E2]		0.035 *21*	α(K)=0.027 *17*; α(L)=0.006 *3*; α(M)=0.0014 *7*; α(N+..)=0.00047 *23* α(N)=0.00036 *18*; α(O)=9.E−5 *5*; α(P)=1.7×10^{-5} *9*; α(Q)=1.3×10^{-6} *8*

From ENSDF

$^{235}_{92}U_{143}$-20

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	α[†]	Comments
891.91	5/2$^+$	891.0 *3*	100 *10*	0.0760	1/2$^+$	[E2]	0.01385	α(K)=0.01024 *15*; α(L)=0.00270 *4*; α(M)=0.000677 *10*; α(N+..)=0.000235 *4* α(N)=0.000182 *3*; α(O)=4.36×10^{-5} *7*; α(P)=8.07×10^{-6} *12*; α(Q)=4.68×10^{-7} *7*
905.262	5/2$^+$	679.83[@] *6*	100 *13*	225.382	9/2$^+$	E2	0.0239	α(K)=0.01653 *24*; α(L)=0.00547 *8*; α(M)=0.001399 *20*; α(N+..)=0.000485 *7* α(N)=0.000378 *6*; α(O)=8.97×10^{-5} *13*; α(P)=1.630×10^{-5} *23*; α(Q)=7.89×10^{-7} *11*
		733.93[@] *4*	67 *15*	171.358	7/2$^+$	M1	0.0891	α(K)=0.0712 *10*; α(L)=0.01348 *19*; α(M)=0.00325 *5*; α(N+..)=0.001132 *16* α(N)=0.000875 *13*; α(O)=0.000213 *3*; α(P)=4.10×10^{-5} *6*; α(Q)=3.28×10^{-6} *5*
		775.96[&] *2*	47[&] *15*	129.2995	5/2$^+$	E0+M1		
916.87	23/2$^+$	129.0 *10*	13.0 *25*	787.8	21/2$^+$			
		250.17 *8*	100 *9*	666.69	19/2$^+$			
921.1	13/2$^-$	671.1		250.014	15/2$^-$			
924.5	15/2$^-$	584.5 *5*	100	339.976	17/2$^-$			
945.58	27/2$^-$	140.13 *4*	18.9 *10*	805.65	25/2$^-$			
		273.63 *3*	100 *4*	671.94	23/2$^-$			
951.05	1/2$^-$,3/2$^-$	171.548[&] *8*	2.8[&] *14*	779.51	3/2$^+$	[E1]	0.1411	α(K)=0.1101 *16*; α(L)=0.0234 *4*; α(M)=0.00569 *8*; α(N+..)=0.00194 *3* α(N)=0.001517 *22*; α(O)=0.000359 *5*; α(P)=6.44×10^{-5} *9*; α(Q)=3.61×10^{-6} *5*
		950.94[@] *15*	100 *10*	0.0760	1/2$^+$	E1	0.00409 *6*	α=0.00409 *6*; α(K)=0.00334 *5*; α(L)=0.000565 *8*; α(M)=0.0001342 *19*; α(N+..)=4.65×10^{-5} *7* α(N)=3.60×10^{-5} *5*; α(O)=8.70×10^{-6} *13*; α(P)=1.659×10^{-6} *24*; α(Q)=1.274×10^{-7} *18*
953.4	15/2$^-$	595.8 *5*	38 *4*	357.22	15/2$^+$			
		614.2 *5*	100 *10*	339.976	17/2$^-$			
		702.9 *5*	24.0 *20*	250.014	15/2$^-$			
960.4	(13/2$^-$)	74.88 *7*		885.5	(11/2$^-$)			
		138.3 *5*		821.83	(9/2$^-$)			
		183.5 *5*		778.36	(11/2)$^-$			
		240.3 *5*		720.22	(9/2)$^-$			
		372.5 *3*		587.8	(11/2$^+$)			
		601.1 *4*		357.22	15/2$^+$			
		622.3 *6*		339.976	17/2$^-$			
		763.3 *5*		197.087	11/2$^+$			
		790.3 *5*		171.358	7/2$^+$			
		858.8 *4*		103.903	11/2$^-$			
968.443	(3/2)$^+$	916.78[&] *8*	16[&] *5*	51.6968	5/2$^+$	[M1+E2]	0.031 *19*	α(K)=0.025 *15*; α(L)=0.0050 *25*; α(M)=0.0012 *6*; α(N+..)=0.00042

From ENSDF

$^{235}_{92}U_{143}$-21

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ‡	I_γ‡	E_f	J_f^π	Mult.	δ#	α†	Comments
									21 α(N)=0.00033 *16*; α(O)=8.E−5 *4*; α(P)=1.5×10^{-5} *8*; α(Q)=1.1×10^{-6} *7*
968.443	(3/2)$^+$	955.40& *2*	100& *11*	13.0339	3/2$^+$	M1+E2	0.6 *2*	0.036 *5*	α(K)=0.028 *4*; α(L)=0.0055 *6*; α(M)=0.00133 *14*; α(N+..)=0.00046 *5* α(N)=0.00036 *4*; α(O)=8.7×10^{-5} *9*; α(P)=1.67×10^{-5} *18*; α(Q)=1.30×10^{-6} *16*
		968.37& *2*	89& *9*	0.0760	1/2$^+$	M1+E2	0.6 *3*	0.035 *6*	α(K)=0.027 *5*; α(L)=0.0053 *8*; α(M)=0.00128 *19*; α(N+..)=0.00045 *7* α(N)=0.00035 *5*; α(O)=8.4×10^{-5} *12*; α(P)=1.61×10^{-5} *24*; α(Q)=1.26×10^{-6} *22*
975.94	25/2$^+$	174.6 *10*	1.6 *8*	800.58	23/2$^+$				
		265.93 *4*	100 *6*	710.02	21/2$^+$				
987.7	13/2$^-$	737.2 *5*	1.0×10^2 *4*	250.014	15/2$^-$				
		816.7 *5*	7.×10^1 *4*	171.464	13/2$^-$				
990.229	1/2$^-$,3/2$^-$	125.040& *2*	9& *3*	865.189	3/2$^+$	[E1]		0.297	α(K)=0.227 *4*; α(L)=0.0525 *8*; α(M)=0.01280 *18*; α(N+..)=0.00436 *6* α(N)=0.00341 *5*; α(O)=0.000800 *12*; α(P)=0.0001408 *20*; α(Q)=7.22×10^{-6} *11*
		229.24& *2*	8& *5*	761.017	(1/2)$^-$	[M1]		2.12	α(K)=1.682 *24*; α(L)=0.326 *5*; α(M)=0.0789 *11*; α(N+..)=0.0275 *4* α(N)=0.0213 *3*; α(O)=0.00517 *8*; α(P)=0.000997 *14*; α(Q)=7.95×10^{-5} *12*
		990.13& *4*	100& *10*	0.0760	1/2$^+$	[E1]		0.00381 *6*	α=0.00381 *6*; α(K)=0.00311 *5*; α(L)=0.000526 *8*; α(M)=0.0001247 *18*; α(N+..)=4.32×10^{-5} *6* α(N)=3.34×10^{-5} *5*; α(O)=8.09×10^{-6} *12*; α(P)=1.543×10^{-6} *22*; α(Q)=1.190×10^{-7} *17*
992.64	(5/2$^+$)	978.9& *7*	35& *10*	13.0339	3/2$^+$				
		992.64& *3*	100& *10*	0.0	7/2$^-$				
1002.28	1/2$^-$,3/2$^-$	1002.2@ *2*	100	0.0760	1/2$^+$				
1020.6	19/2$^+$	230.0 *10*	3.×10^1 *3*	790.9	15/2$^+$				
		461.2 *10*	1.0×10^2 *5*	559.34	19/2$^+$				
1023.79	17/2$^-$	583.90 *12*	100 *5*	439.39	19/2$^-$				
		683.99 *7*	87 *6*	339.976	17/2$^-$				
1038.231	5/2$^+$	564.070& *17*	80& *20*	473.826	7/2$^+$	M1		0.180	α(K)=0.1437 *21*; α(L)=0.0274 *4*; α(M)=0.00660 *10*; α(N+..)=0.00230 *4* α(N)=0.001777 *25*; α(O)=0.000432 *6*; α(P)=8.34×10^{-5} *12*; α(Q)=6.65×10^{-6} *10*
		611.630& *11*	100& *20*	426.741	5/2$^+$	(E2)		0.0299	α(K)=0.0200 *3*; α(L)=0.00738 *11*; α(M)=0.00190 *3*; α(N+..)=0.000660 *10*

From ENSDF

$^{235}_{92}U_{143}$-22

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	α[†]	Comments
								α(N)=0.000515 *8*; α(O)=0.0001219 *17*; α(P)=2.20×10^{-5} *3*; α(Q)=9.74×10^{-7} *14*
1038.231	5/2$^+$	1024.7[&] *6*	60[&] *20*	13.0339	3/2$^+$			
1047.1	15/2$^-$	85.15 *12*		960.4	(13/2$^-$)			
		122.1 *2*		924.5	15/2$^-$			
		124.4 *5*		921.1	13/2$^-$			
		160.1 *2*		885.5	(11/2$^-$)			
		195.5 *5*		850.56	13/2$^-$			
		268.2 *4*		778.36	(11/2)$^-$			
		606.7 *5*		439.39	19/2$^-$			
		706.5 *5*		339.976	17/2$^-$			
		796.4 *4*		250.014	15/2$^-$			
		874.7 *2*		171.464	13/2$^-$			
1054.2	17/2$^-$	174.3 *5*	22 *9*	879.8	13/2$^-$			
		614.6 *5*	1.0×10^2 *4*	439.39	19/2$^-$			
		714.6 *8*	39 *8*	339.976	17/2$^-$			
1057.4	25/2$^+$	141.0 *10*	8.4 *22*	916.87	23/2$^+$			
		269.60 *9*	100 *9*	787.8	21/2$^+$			
1057.42		832.5 *2*	66 *5*	225.382	9/2$^+$			
		886.0[&] *5*	11[&] *5*	171.358	7/2$^+$			
		927.8[&] *2*	70[&] *20*	129.2995	5/2$^+$			
		1005.7 *3*	40 *7*	51.6968	5/2$^+$			
		1057.3 *2*	100 *16*	0.0	7/2$^-$			
1066.5	15/2$^-$	816.5 *5*	100.0	250.014	15/2$^-$			
1072.82	(1/2,3/2)	1060.1[&] *3*	34[&] *11*	13.0339	3/2$^+$			
		1072.6[&] *2*	100[&] *20*	0.0760	1/2$^+$			
1078.03	27/2$^+$	102.9 *10*	0.5 *5*	975.94	25/2$^+$			
		277.44 *4*	100 *6*	800.58	23/2$^+$			
1099.02	(3/2$^-$)	1047.40[&] *13*	100[&] *23*	51.6968	5/2$^+$	[E1]	0.00345 *5*	α=0.00345 *5*; α(K)=0.00283 *4*; α(L)=0.000475 *7*; α(M)=0.0001127 *16*; α(N+..)=3.90×10^{-5} *6* α(N)=3.02×10^{-5} *5*; α(O)=7.31×10^{-6} *11*; α(P)=1.396×10^{-6} *20*; α(Q)=1.082×10^{-7} *16*
		1085.8[&] *2*	50[&] *12*	13.0339	3/2$^+$	[E1]	0.00324 *5*	α=0.00324 *5*; α(K)=0.00266 *4*; α(L)=0.000445 *7*; α(M)=0.0001056 *15*; α(N+..)=3.65×10^{-5} *6* α(N)=2.83×10^{-5} *4*; α(O)=6.85×10^{-6} *10*; α(P)=1.309×10^{-6} *19*; α(Q)=1.019×10^{-7} *15*
		1099.0[&] *3*	38[&] *13*	0.0	7/2$^-$	[E2]	0.00928 *13*	α=0.00928 *13*; α(K)=0.00709 *10*; α(L)=0.001643 *23*; α(M)=0.000406 *6*; α(N+..)=0.0001409 α(N)=0.0001094 *16*; α(O)=2.63×10^{-5} *4*; α(P)=4.92×10^{-6} *7*; α(Q)=3.16×10^{-7} *5*

From ENSDF

$^{235}_{92}U_{143}$-23

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π	Mult.	δ[#]	α[†]	Comments
1100.98	29/2$^-$	155.74 *4*	19.7 *10*	945.58	27/2$^-$				
		295.21 *3*	100 *5*	805.65	25/2$^-$				
1109.0	19/2$^-$	557.6 *5*	7.×10^1 *10*	551.17	21/2$^-$				
		669.3 *5*	1.0×10^2 *10*	439.39	19/2$^-$				
		769.6 *5*	8.×10^1 *10*	339.976	17/2$^-$				
1116.21	(5/2$^-$)	944.9[&] *4*	34[&] *11*	171.358	7/2$^+$	[E1]		0.00413 *6*	α=0.00413 *6*; α(K)=0.00338 *5*; α(L)=0.000572 *8*; α(M)=0.0001358 *19*; α(N+..)=4.70×10^{-5} *7* α(N)=3.64×10^{-5} *6*; α(O)=8.80×10^{-6} *13*; α(P)=1.678×10^{-6} *24*; α(Q)=1.288×10^{-7} *18*
		986.92[&] *4*	100[&] *10*	129.2995	5/2$^+$	E1		0.00383 *6*	α=0.00383 *6*; α(K)=0.00313 *5*; α(L)=0.000529 *8*; α(M)=0.0001255 *18*; α(N+..)=4.34×10^{-5} *6* α(N)=3.36×10^{-5} *5*; α(O)=8.13×10^{-6} *12*; α(P)=1.552×10^{-6} *22*; α(Q)=1.196×10^{-7} *17*
		1102.9[&] *7*	9[&] *6*	13.0339	3/2$^+$	[E1]		0.00316 *5*	α=0.00316 *5*; α(K)=0.00259 *4*; α(L)=0.000433 *6*; α(M)=0.0001027 *15*; α(N+..)=3.61×10^{-5} *5* α(N)=2.75×10^{-5} *4*; α(O)=6.67×10^{-6} *10*; α(P)=1.274×10^{-6} *18*; α(Q)=9.93×10^{-8} *14*; α(IPF)=4.98×10^{-7} *18*
		1115.6[&] *3*	20[&] *6*	0.0760	1/2$^+$				
1141.3	17/2$^-$	802.0 *5*	100 *14*	339.976	17/2$^-$				
		890.9 *5*	100 *20*	250.014	15/2$^-$				
1142.6	19/2$^-$	583.1 *5*	84 *10*	559.34	19/2$^+$				
		592.0 *5*	97 *20*	551.17	21/2$^-$				
		702.9 *5*	100 *20*	439.39	19/2$^-$				
1142.633	(3/2)$^-$	478.100[&] *10*	62[&] *7*	664.531	(5/2)$^-$	M1		0.281	α(K)=0.224 *4*; α(L)=0.0429 *6*; α(M)=0.01034 *15*; α(N+..)=0.00360 *5* α(N)=0.00278 *4*; α(O)=0.000677 *10*; α(P)=0.0001306 *19*; α(Q)=1.041×10^{-5} *15*
		504.840[&] *6*	66[&] *7*	637.794	3/2$^-$	M1+E2	1.2 *2*	0.127 *18*	α(K)=0.096 *15*; α(L)=0.0230 *22*; α(M)=0.0057 *5*; α(N+..)=0.00198 *18* α(N)=0.00154 *14*; α(O)=0.00037 *4*; α(P)=6.9×10^{-5} *7*; α(Q)=4.5×10^{-6} *7*
		1090.9[&] *2*	24[&] *6*	51.6968	5/2$^+$	[E1]		0.00322 *5*	α=0.00322 *5*; α(K)=0.00264 *4*; α(L)=0.000442 *7*; α(M)=0.0001047 *15*; α(N+..)=3.63×10^{-5} *5* α(N)=2.81×10^{-5} *4*; α(O)=6.80×10^{-6} *10*; α(P)=1.299×10^{-6} *19*; α(Q)=1.011×10^{-7} *15*
		1142.2[&] *2*	100[&] *20*	0.0760	1/2$^+$	[E1]		0.00298 *5*	α=0.00298 *5*; α(K)=0.00244 *4*; α(L)=0.000407 *6*; α(M)=9.65×10^{-5} *14*; α(N+..)=3.58×10^{-5} *5* α(N)=2.59×10^{-5} *4*; α(O)=6.26×10^{-6} *9*; α(P)=1.198×10^{-6} *17*; α(Q)=9.36×10^{-8} *14*; α(IPF)=2.39×10^{-6} *4*
1156.2	17/2$^-$	716.1 *5*	50 *17*	439.39	19/2$^-$				

From ENSDF

$^{235}_{92}U_{143}$-24

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ[‡]	I_γ[‡]	E_f	J_f^π
1156.2	17/2$^-$	816.7 *5*	50 *17*	339.976	17/2$^-$
		906.3 *5*	1.0×10^2 *4*	250.014	15/2$^-$
1204.16	27/2$^+$	146.5 *10*	9 *3*	1057.4	25/2$^+$
		287.28 *8*	100 *10*	916.87	23/2$^+$
1235.5	21/2$^-$	431.4 *10*	100 *10*	805.65	25/2$^-$
		563.5 *10*	100 *17*	671.94	23/2$^-$
		684.1 *10*	100 *17*	551.17	21/2$^-$
		795.2 *10*	39 *13*	439.39	19/2$^-$
1240.9	19/2$^-$	801.6 *5*	1.0×10^2 *4*	439.39	19/2$^-$
		901.4 *5*	1.0×10^2 *4*	339.976	17/2$^-$
		991.0 *5*	1.0×10^2 *4*	250.014	15/2$^-$
1258.08	31/2$^-$	157.31 *4*	16.0 *10*	1100.98	29/2$^-$
		312.43 *3*	100 *4*	945.58	27/2$^-$
1261.2	19/2$^-$	822.0 *5*	1.0×10^2 *4*	439.39	19/2$^-$
		921.8 *5*	1.0×10^2 *4*	339.976	17/2$^-$
		1010.4 *5*	1.0×10^2 *4*	250.014	15/2$^-$
1275.2	21/2$^-$	221.0 *6*	17 *9*	1054.2	17/2$^-$
		603.3 *5*	100 *17*	671.94	23/2$^-$
		724.1 *4*	9.×10^1 *4*	551.17	21/2$^-$
1276.84	29/2$^+$	300.90 *4*	100	975.94	25/2$^+$
1292.2	23/2$^+$	272.0 *10*	16 *20*	1020.6	19/2$^+$
		491.6 *3*	100 *24*	800.58	23/2$^+$
1333.6	23/2$^-$	224.5 *5*	2.×10^1 *13*	1109.0	19/2$^-$
		527.8 *5*	1.×10^2 *3*	805.65	25/2$^-$
		661.8 *5*	1.0×10^2 *5*	671.94	23/2$^-$
1349.93	21/2$^-$	209.0 *5*	10 *6*	1141.3	17/2$^-$
		798.3 *5*	60 *8*	551.17	21/2$^-$
		910.1 *5*	100 *6*	439.39	19/2$^-$
		1010.5 *5*	60 *6*	339.976	17/2$^-$
1362.5	29/2$^+$	159.0 *10*	12 *4*	1204.16	27/2$^+$
		305.08 *9*	100 *10*	1057.4	25/2$^+$
1374.5	23/2$^-$	568.7 *5*	1.0×10^2 *3*	805.65	25/2$^-$
		573.4 *5*	27 *3*	800.58	23/2$^+$
		703.1 *5*	86 *15*	671.94	23/2$^-$
1389.22	31/2$^+$	311.20 *5*	100	1078.03	27/2$^+$
1434.30	33/2$^-$	176.45 *4*	17.4 *10*	1258.08	31/2$^-$
		333.26 *3*	100 *4*	1100.98	29/2$^-$
1467.17	23/2$^-$	227.0 *5*	33 *17*	1240.9	19/2$^-$
		795.3 *5*	1.0×10^2 *4*	671.94	23/2$^-$
		916.2 *5*	1.0×10^2 *4*	551.17	21/2$^-$
		1027.8 *5*	1.0×10^2 *4*	439.39	19/2$^-$
1485.59	25/2$^-$	250.4 *10*	64 *22*	1235.5	21/2$^-$
1485.59	25/2$^-$	539.80 *10*	1.0×10^2 *3*	945.58	27/2$^-$
		680.10 *9*	9.×10^1 *4*	805.65	25/2$^-$
		813.6 *10*	43 *22*	671.94	23/2$^-$
1504.8	23/2$^-$	833.3 *5*	1.0×10^2 *4*	671.94	23/2$^-$
		953.2 *5*	7.×10^1 *4*	551.17	21/2$^-$
1525.15	31/2$^+$	162.0 *10*	13 *3*	1362.5	29/2$^+$
		320.97 *8*	100 *10*	1204.16	27/2$^+$
1542.4	25/2$^-$	267.1 *7*	8.×10^1 *3*	1275.2	21/2$^-$
		596.9 *5*	1.0×10^2 *3*	945.58	27/2$^-$
		736.7 *6*	1.0×10^2 *4*	805.65	25/2$^-$
1595.4	25/2$^-$	245.5 *5*	17 *10*	1349.93	21/2$^-$
		789.7 *5*	67 *17*	805.65	25/2$^-$
		923.9 *5*	1.0×10^2 *4*	671.94	23/2$^-$
1599.7	27/2$^-$	266.1 *5*	1.0×10^2 *20*	1333.6	23/2$^-$
		498.5 *5*	1.0×10^2 *20*	1100.98	29/2$^-$
		654.2 *5*	1.0×10^2 *20*	945.58	27/2$^-$
1600.7	27/2$^+$	308.0 *10*	5.×10^1 *3*	1292.2	23/2$^+$
		522.9 *10*	1.0×10^2 *3*	1078.03	27/2$^+$
1606.32	35/2$^-$	172.28 *5*	13.0 *11*	1434.30	33/2$^-$
		348.18 *3*	100 *4*	1258.08	31/2$^-$
1610.04	33/2$^+$	333.20 *6*	100	1276.84	29/2$^+$
1646.8	27/2$^-$	545.8 *5*	100 *10*	1100.98	29/2$^-$
		568.2 *5*	61 *10*	1078.03	27/2$^+$
		701.8 *5*	48 *7*	945.58	27/2$^-$
1656.4		1656.4 *7*	100	0.0	7/2$^-$
1700.1	33/2$^+$	175.0 *10*	6 *3*	1525.15	31/2$^+$
		337.66 *9*	100 *13*	1362.5	29/2$^+$
1731.65	35/2$^+$	342.42 *5*	100	1389.22	31/2$^+$
1731.8	27/2$^-$	264.6 *5*	7.×10^1 *4*	1467.17	23/2$^-$
		785.9 *5*	1.0×10^2 *4*	945.58	27/2$^-$
		926.5 *5*	1.0×10^2 *4*	805.65	25/2$^-$
1733.54		1687.0 *5*	60 *20*	46.103	9/2$^-$
		1733.6 *2*	100	0.0	7/2$^-$
1769.3		1769.3[b] *4*	100[b]	0.0	7/2$^-$
1773.49	29/2$^-$	287.7 *10*	80 *20*	1485.59	25/2$^-$
		515.40 *8*	62 *20*	1258.08	31/2$^-$
		672.7 *3*	1.0×10^2 *4*	1100.98	29/2$^-$
		827.8 *10*	60 *20*	945.58	27/2$^-$
1802.23	37/2$^-$	196.18 *6*	15.2 *15*	1606.32	35/2$^-$
		367.89 *3*	100 *5*	1434.30	33/2$^-$
1815.25		1769.3[b] *4*	62[b] *4*	46.103	9/2$^-$
		1815.2 *2*	100	0.0	7/2$^-$

From ENSDF

$^{235}_{92}U_{143}$-25

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ ‡	I_γ ‡	E_f	J_f^π
1827.67		1782.1[a] *6*	45[a] *18*	46.103	9/2$^-$
		1827.6 *2*	100	0.0	7/2$^-$
1851.6	29/2$^-$	309.1 *10*	59 *21*	1542.4	25/2$^-$
		593.5 *6*	1.0×10^2 *4*	1258.08	31/2$^-$
		750.7 *10*	$9.\times10^1$ *4*	1100.98	29/2$^-$
1862.41		1862.4 *1*	100	0.0	7/2$^-$
1877.55	35/2$^+$	178.0 *10*	11 *4*	1700.1	33/2$^+$
		352.37 *11*	100 *10*	1525.15	31/2$^+$
1879.12	29/2$^-$	284.0 *5*	38 *15*	1595.4	25/2$^-$
		778.2 *5*	50 *15*	1100.98	29/2$^-$
		933.53 *7*	100 *25*	945.58	27/2$^-$
		1073.3 *5*	25 *15*	805.65	25/2$^-$
1906.1	31/2$^-$	306.4 *5*	1.0×10^2 *15*	1599.7	27/2$^-$
		472.0 *5*	$3.\times10^1$ *15*	1434.30	33/2$^-$
		647.8 *5*	$5.\times10^1$ *15*	1258.08	31/2$^-$
1943.43	31/2$^+$	342.6 *10*	79 *4*	1600.7	27/2$^+$
		554.21 *5*	100 *4*	1389.22	31/2$^+$
1958.9	31/2$^-$	524.5 *5*	100 *16*	1434.30	33/2$^-$
		701.0 *5*	89 *16*	1258.08	31/2$^-$
1973.09	37/2$^+$	363.05 *7*	100	1610.04	33/2$^+$
1973.8		1973.8 *3*	100	0.0	7/2$^-$
1986.91	39/2$^-$	184.81 *5*	11.6 *15*	1802.23	37/2$^-$
		380.55 *3*	100 *5*	1606.32	35/2$^-$
2003.36		1957.4 *2*	62 *13*	46.103	9/2$^-$
		2003.0 *3*	100	0.0	7/2$^-$
2005.9		2005.9 *4*	100	0.0	7/2$^-$
2010.6		2010.6 *3*	100	0.0	7/2$^-$
2033.4	31/2$^-$	301.7 *5*	50 *25*	1731.8	27/2$^-$
		774.8 *5*	50 *25*	1258.08	31/2$^-$
		932.8 *5*	1.0×10^2 *5*	1100.98	29/2$^-$
2067.1		2067.1 *4*	100	0.0	7/2$^-$
2067.4	37/2$^+$	189.0 *10*	9 *5*	1877.55	35/2$^+$
		367.37 *15*	100 *17*	1700.1	33/2$^+$
2074.2		2074.2 *3*	100	0.0	7/2$^-$
2086.7		2086.7 *6*	100	0.0	7/2$^-$
2097.2	33/2$^-$	323.8 *10*	1.0×10^2 *4*	1773.49	29/2$^-$
		490.6 *10*	63 *20*	1606.32	35/2$^-$
		663.2 *10*	$8.\times10^1$ *3*	1434.30	33/2$^-$
		839.1 *10*	$6.\times10^1$ *3*	1258.08	31/2$^-$
2103.36	39/2$^+$	371.71 *8*	100	1731.65	35/2$^+$
2110.2		2063.3 *6*	51 *13*	46.103	9/2$^-$
		2110.4 *3*	100	0.0	7/2$^-$
2193.0	33/2$^-$	934.9 *5*	100	1258.08	31/2$^-$
2201.00	41/2$^-$	214.10 *3*	19 *3*	1986.91	39/2$^-$
		398.76 *4*	100 *6*	1802.23	37/2$^-$
2216.1		2216.1 *3*	100	0.0	7/2$^-$
2249.6	35/2$^-$	343.4 *5*	1.0×10^2 *12*	1906.1	31/2$^-$
		447.3 *5*	$2.\times10^1$ *12*	1802.23	37/2$^-$
		643.0 *5*	$4.\times10^1$ *12*	1606.32	35/2$^-$
2258.69	39/2$^+$	192.0 *10*	9 *5*	2067.4	37/2$^+$
		381.10 *15*	100 *13*	1877.55	35/2$^+$
2314.5	35/2$^+$	371.1 *10*	79 *4*	1943.43	31/2$^+$
		583.3 *10*	100 *3*	1731.65	35/2$^+$
2363.80	41/2$^+$	390.71 *13*	100	1973.09	37/2$^+$
2368.6	35/2$^-$	762.6 *5*	1.0×10^2 *5*	1606.32	35/2$^-$
		934.0 *5*	1.0×10^2 *5*	1434.30	33/2$^-$
2395.90	43/2$^-$	195.21 *20*	13 *3*	2201.00	41/2$^-$
		409.00 *5*	100 *7*	1986.91	39/2$^-$
2416.1		2416.1 *3*	100	0.0	7/2$^-$
2454.7	37/2$^-$	357.5 *10*	100	2097.2	33/2$^-$
2462.7	41/2$^+$	203.0 *10*	25 *7*	2258.69	39/2$^+$
		395.27 *7*	100 *9*	2067.4	37/2$^+$
2502.5	43/2$^+$	398.9 *10*	100	2103.36	39/2$^+$
2555.6		2555.6 *6*	100	0.0	7/2$^-$
2626.2	39/2$^-$	376.2 *5*	≈100	2249.6	35/2$^-$
		425.6 *5*	≈100	2201.00	41/2$^-$
		639.4 *5*	≈100	1986.91	39/2$^-$
2626.81	45/2$^-$	231.04 *18*	15 *6*	2395.90	43/2$^-$
		425.77 *6*	100 *8*	2201.00	41/2$^-$
2666.2	43/2$^+$	203.6 *10*	30 *19*	2462.7	41/2$^+$
		407.6 *10*	1.0×10^2 *3*	2258.69	39/2$^+$
2709.4	39/2$^+$	395.5 *10*	100 *5*	2314.5	35/2$^+$
		605.7 *10*	50 *4*	2103.36	39/2$^+$
2754.7		2754.7 *4*	100	0.0	7/2$^-$
2780.2	45/2$^+$	416.37 *20*	100	2363.80	41/2$^+$
2829.97	47/2$^-$	202.90 *18*	17 *5*	2626.81	45/2$^-$
		434.14 *10*	100 *10*	2395.90	43/2$^-$
2843.4	41/2$^-$	388.7 *10*	100	2454.7	37/2$^-$
2883.7	45/2$^+$	217.8 *10*	21 *12*	2666.2	43/2$^+$
		420.96 *7*	100 *12*	2462.7	41/2$^+$
2927.9	47/2$^+$	425.40 *5*	100	2502.5	43/2$^+$
3075.98	49/2$^-$	245.6 *5*	29 *11*	2829.97	47/2$^-$
		449.20 *15*	100 *12*	2626.81	45/2$^-$
3098.3	47/2$^+$	432.1 *1*	100	2666.2	43/2$^+$

From ENSDF

$^{235}_{92}U_{143}$-26

Adopted Levels, Gammas (continued)

γ(^{235}U) (continued)

E_i(level)	J_i^π	E_γ‡	I_γ‡	E_f	J_f^π	E_i(level)	J_i^π	E_γ‡	I_γ‡	E_f	J_f^π
3124.1	$43/2^+$	415.0 *10*	32 *23*	2709.4	$39/2^+$	3547.6	$53/2^-$	261.0 *10*	≈20	3286.77	$51/2^-$
		621.3 *10*	100 *20*	2502.5	$43/2^+$			471.4 *10*	≈100	3075.98	$49/2^-$
3220.6	$49/2^+$	440.44 *8*	100	2780.2	$45/2^+$	3683.5	$53/2^+$	462.91 *10*	100	3220.6	$49/2^+$
3286.77	$51/2^-$	456.80 *13*	100	2829.97	$47/2^-$	3764.3	$55/2^-$	477.5 *5*	100	3286.77	$51/2^-$
3328.6	$49/2^+$	444.96 *10*	100	2883.7	$45/2^+$	4040.7	$57/2^-$	493.1 *10*	100	3547.6	$53/2^-$

† Additional information 2.
‡ From Coulomb Excitation or ^{239}Pu α decay, unless otherwise specified.
# From ^{239}Pu α decay.
@ From ^{234}U(n,γ).
& From ^{234}U(n,γ).
[a] Unresolved from a 1782γ in ^{238}U.
[b] Multiply placed with undivided intensity.
[c] Placement of transition in the level scheme is uncertain.

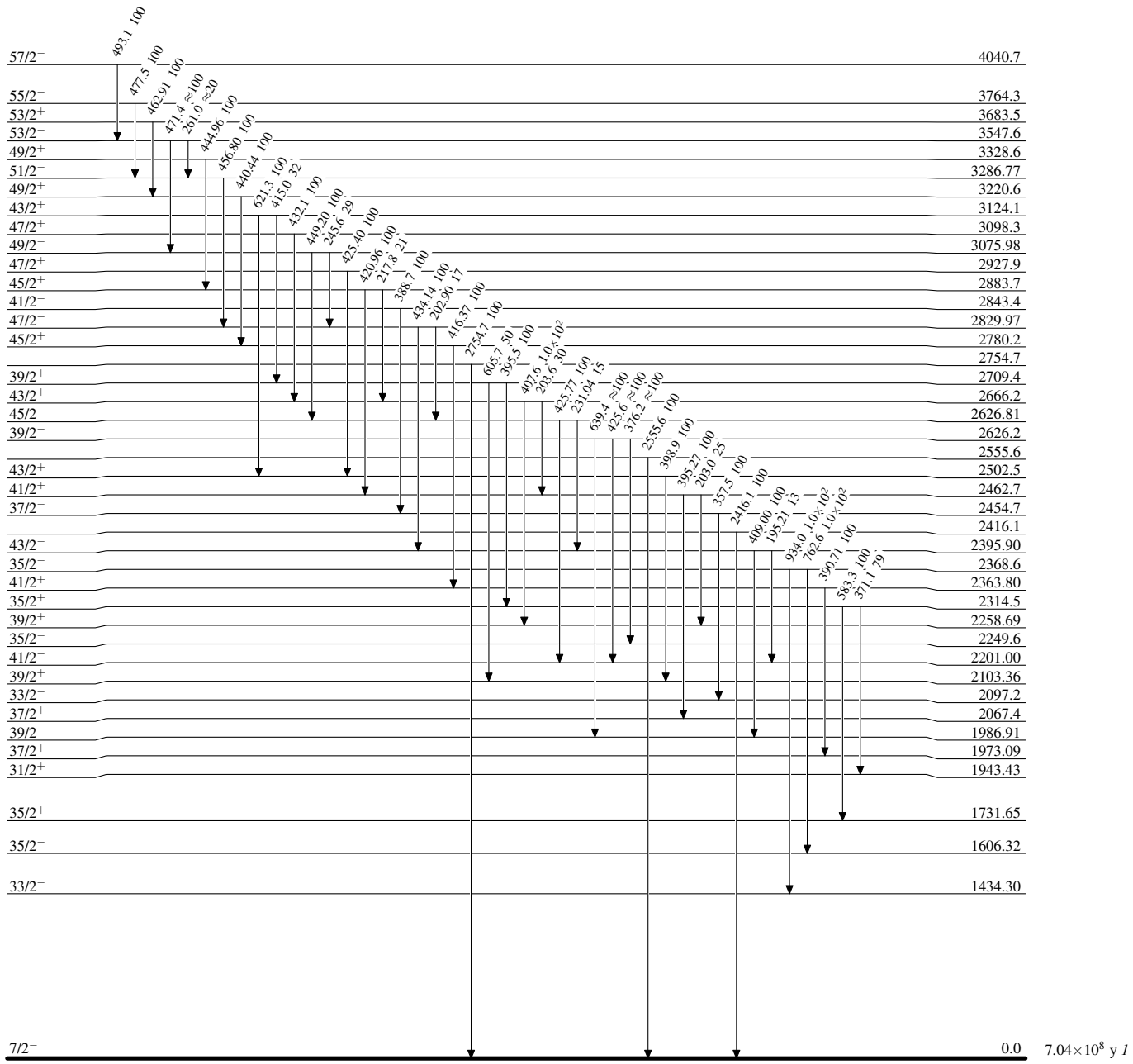
From ENSDF

$^{235}_{92}U_{143}$-27

Adopted Levels, Gammas

Level Scheme

Intensities: Relative photon branching from each level

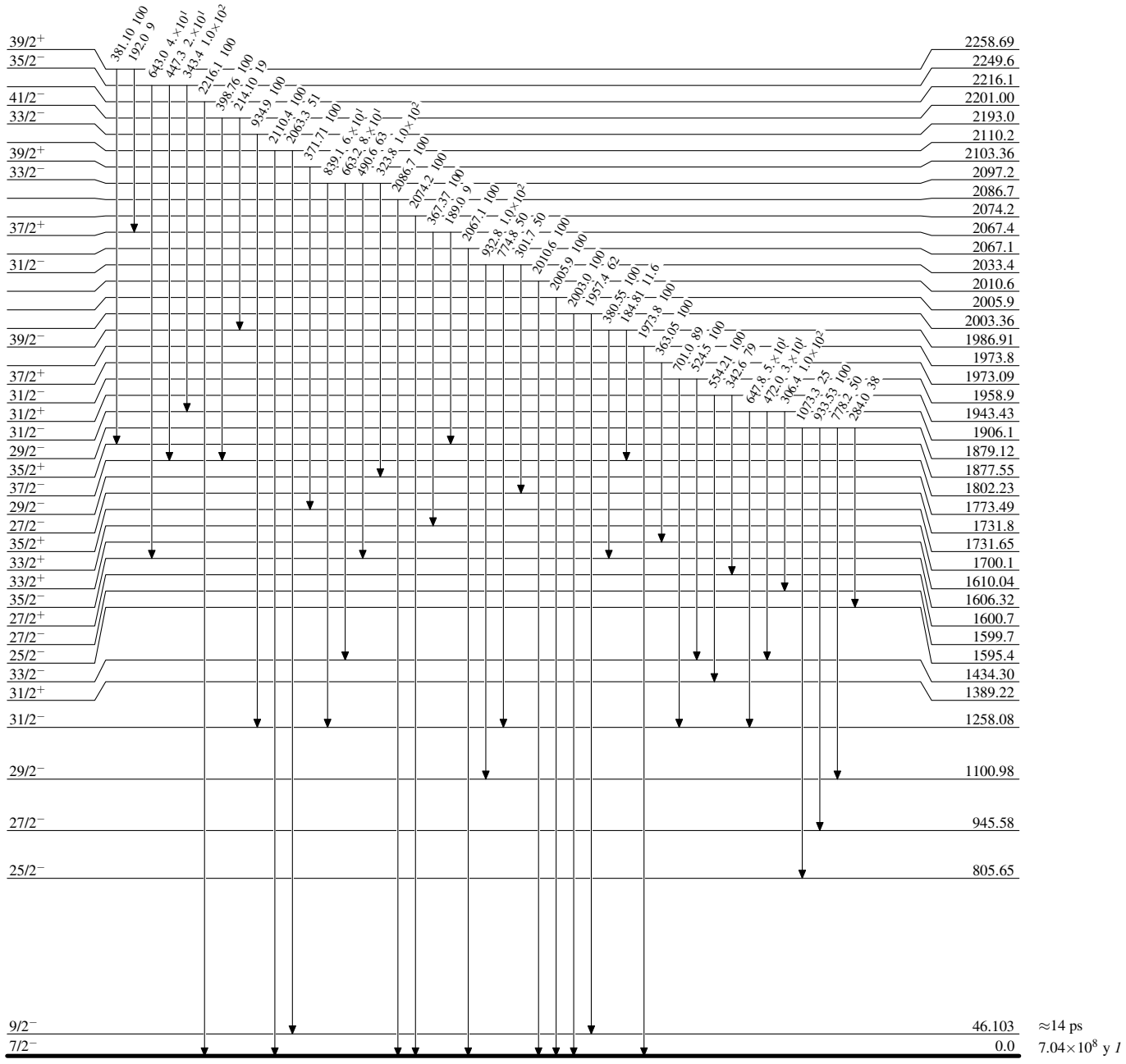


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level

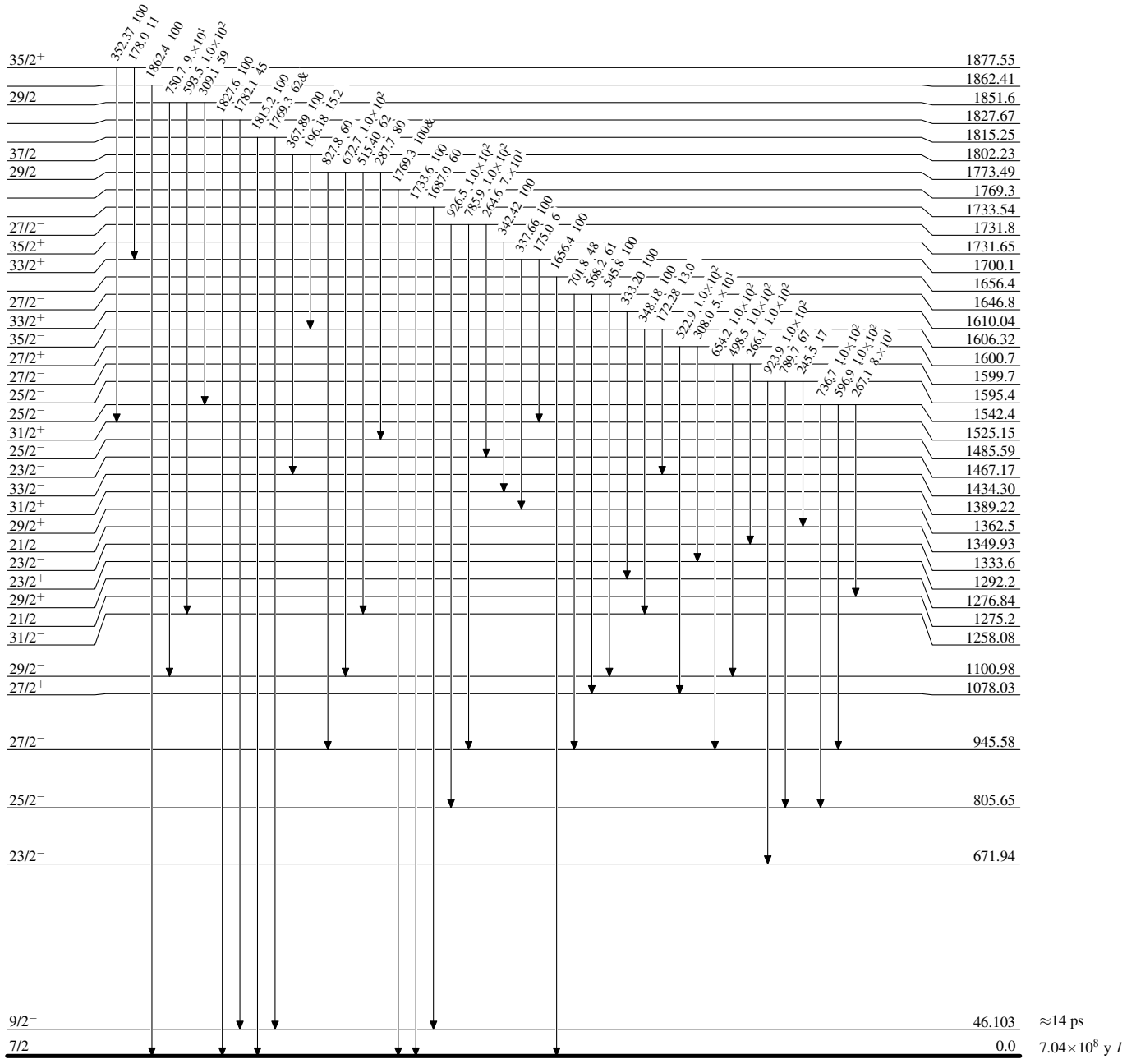


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

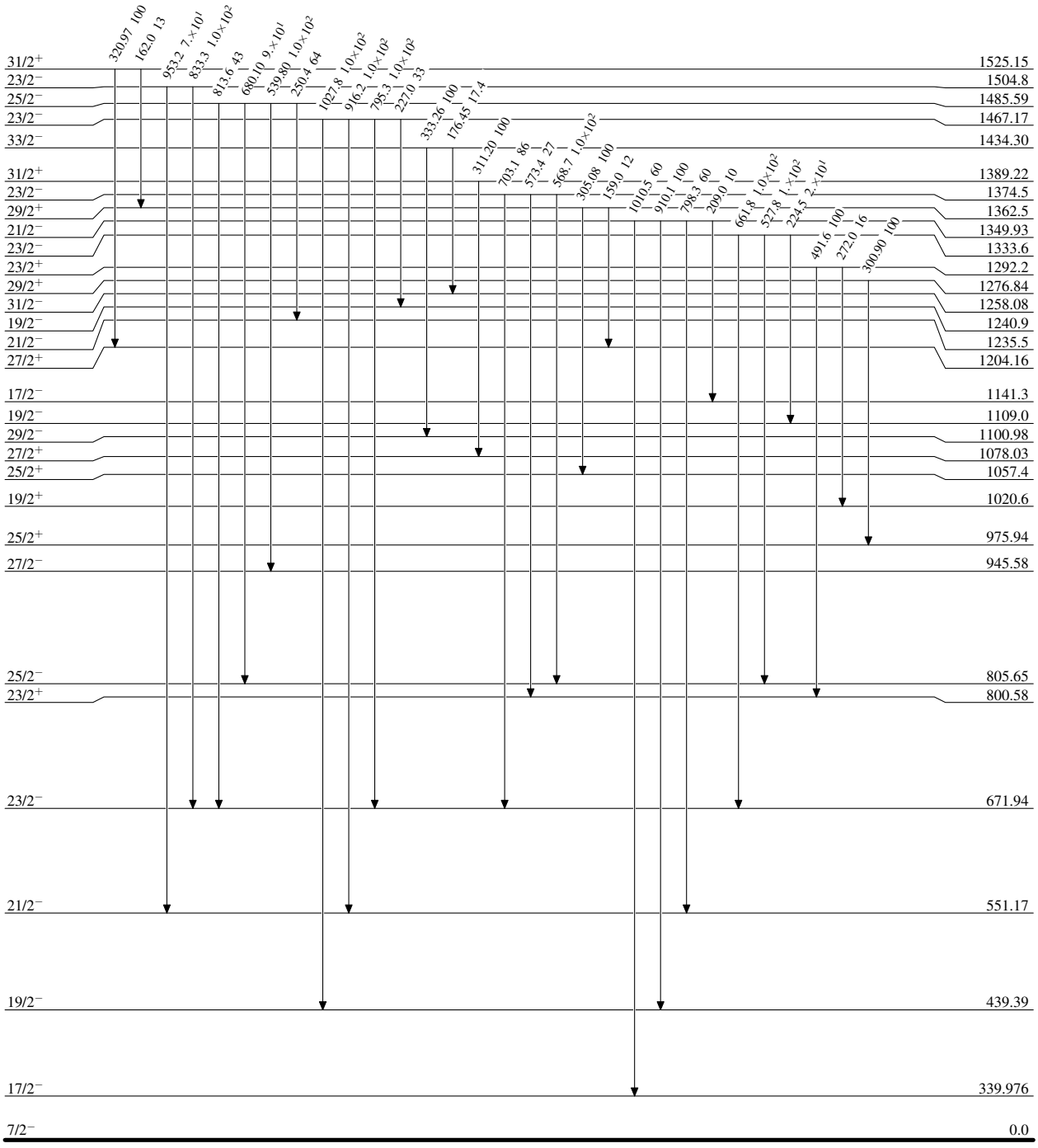


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

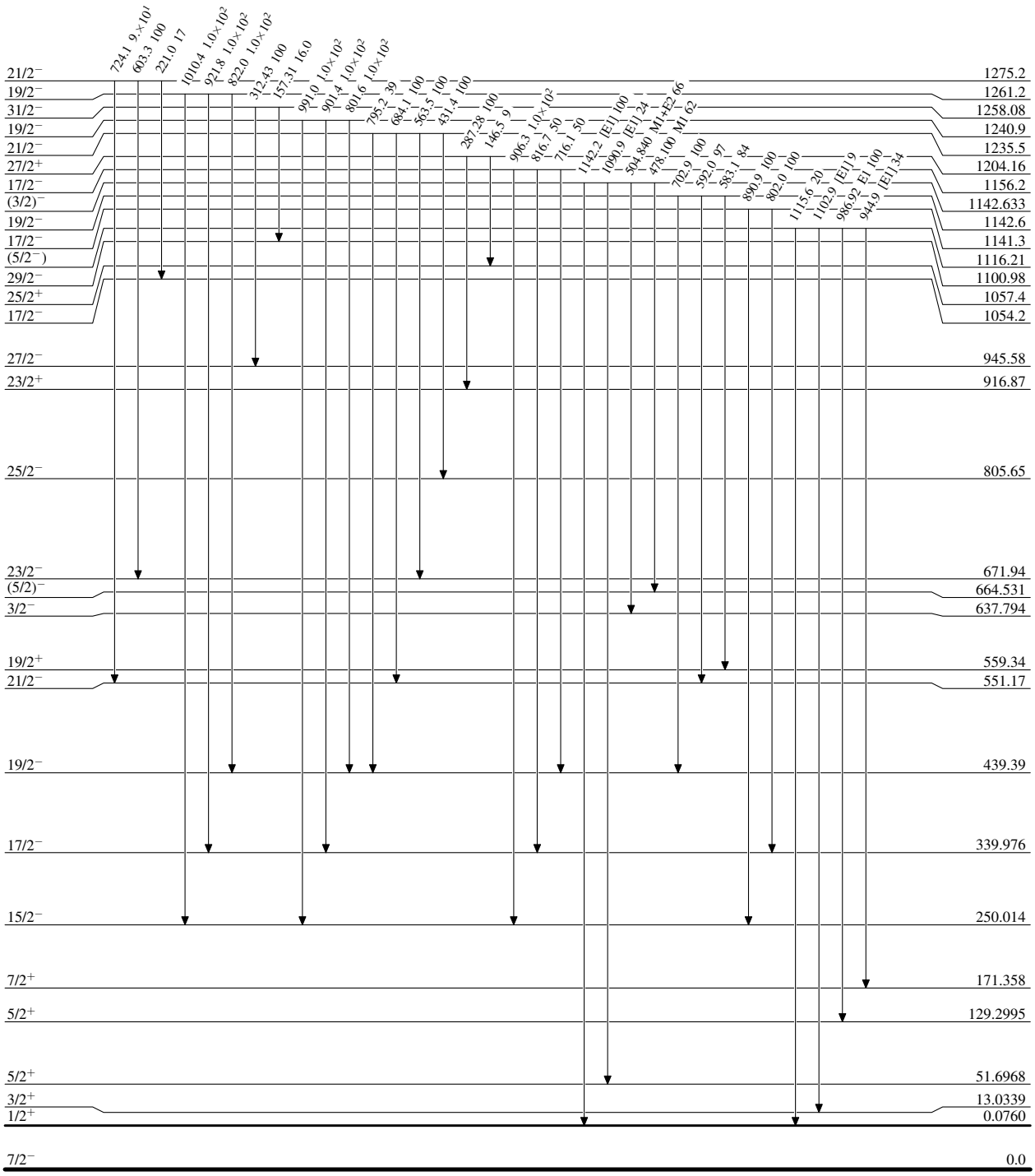


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

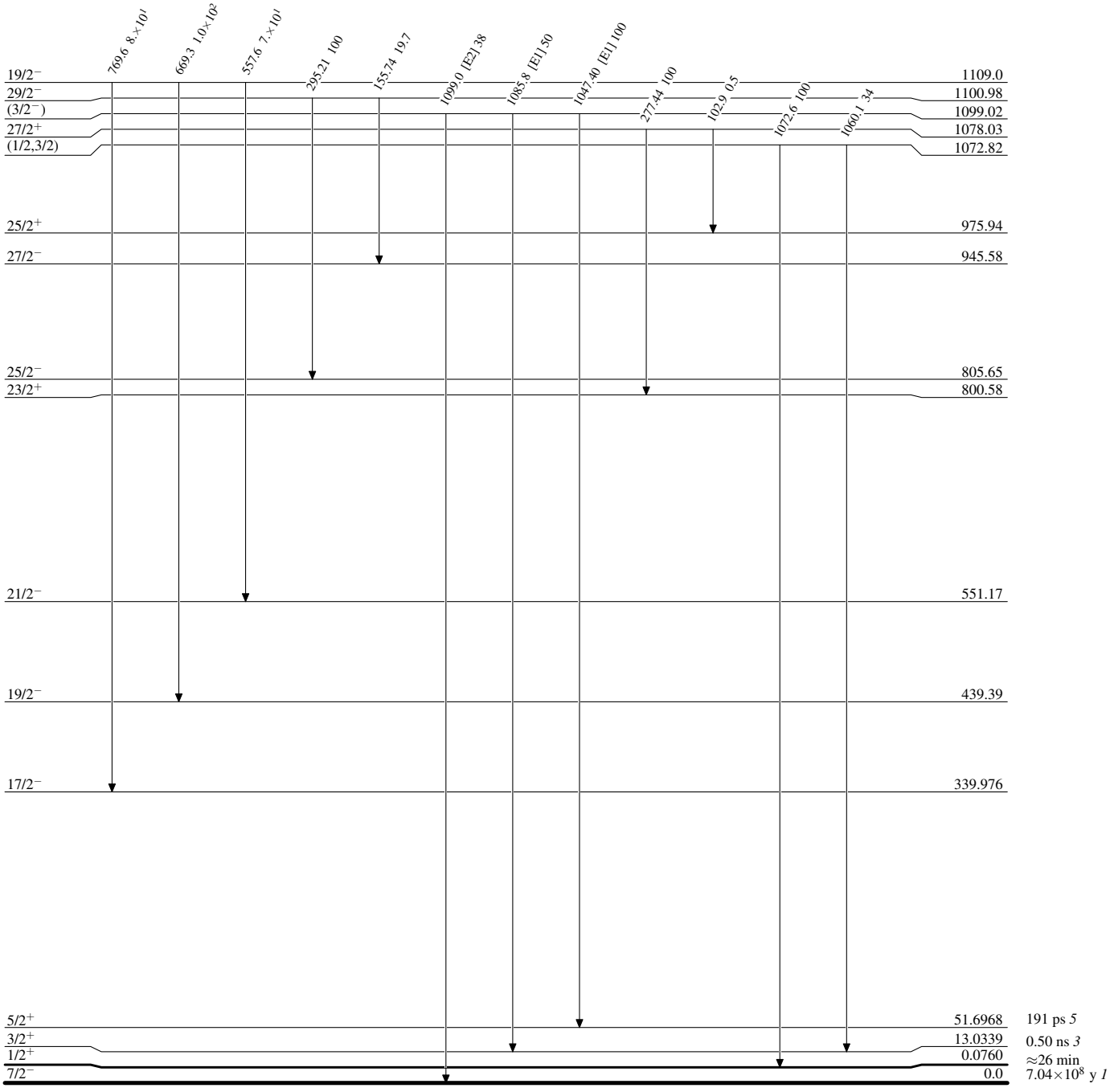


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

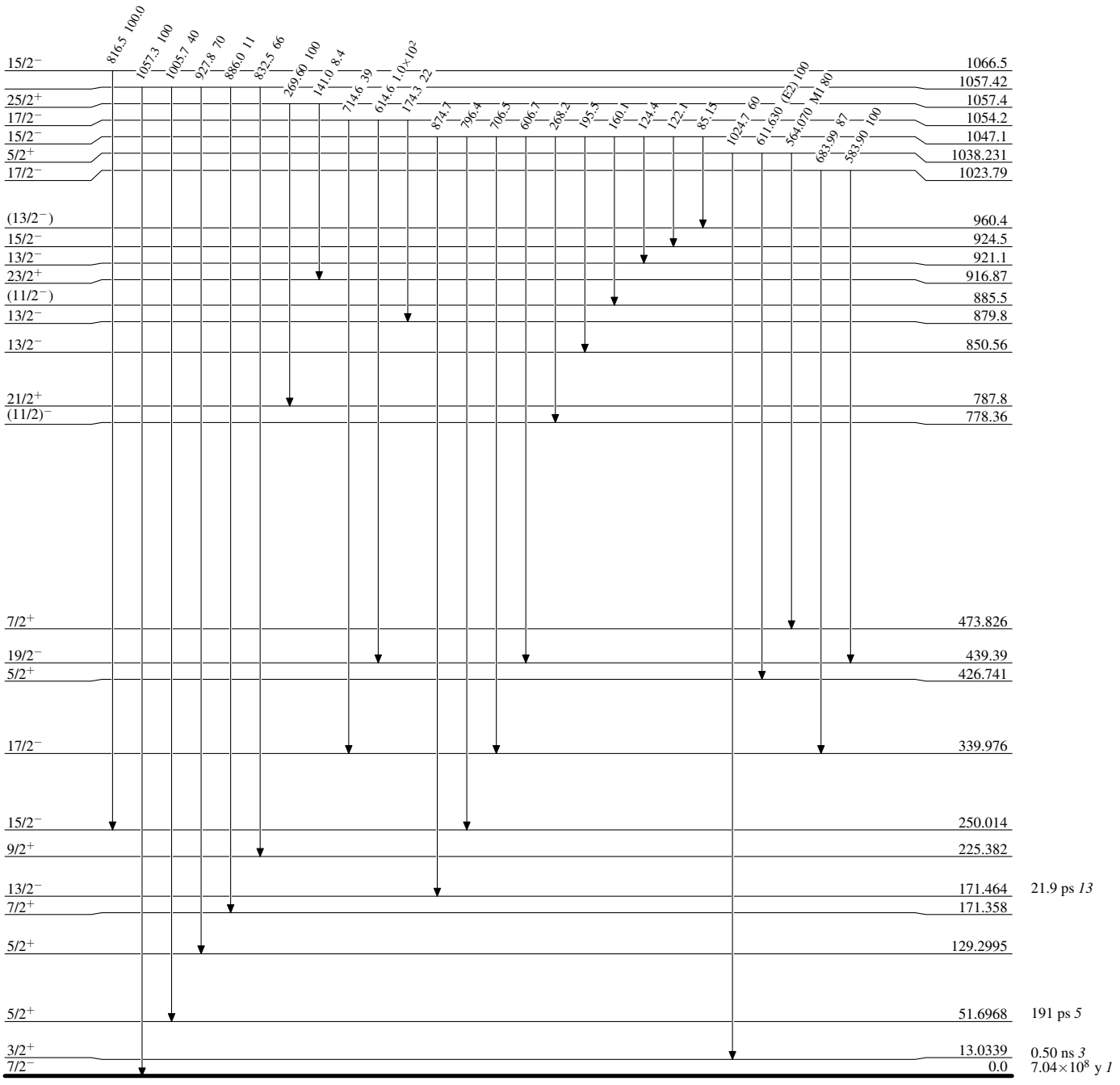


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

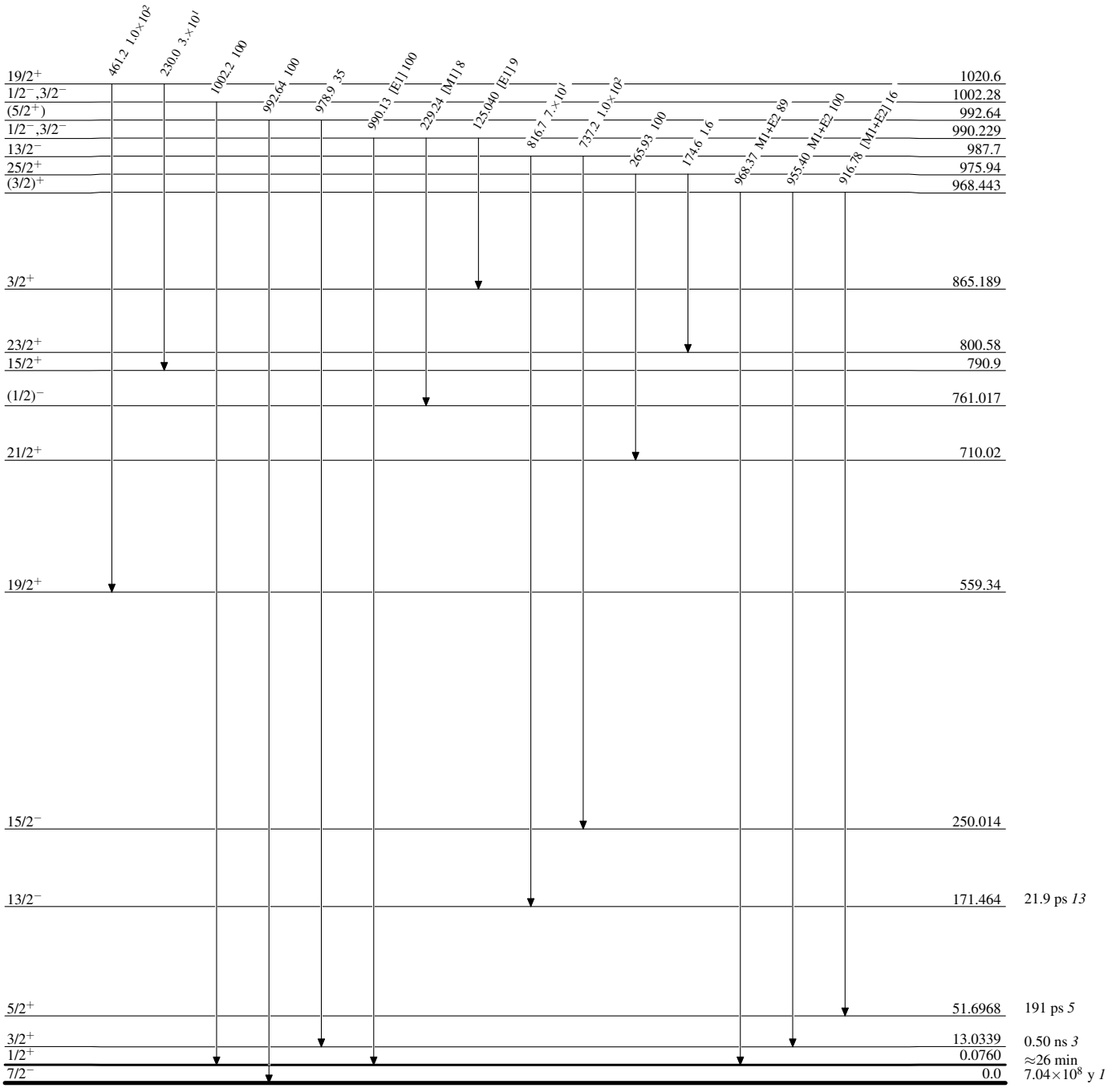


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

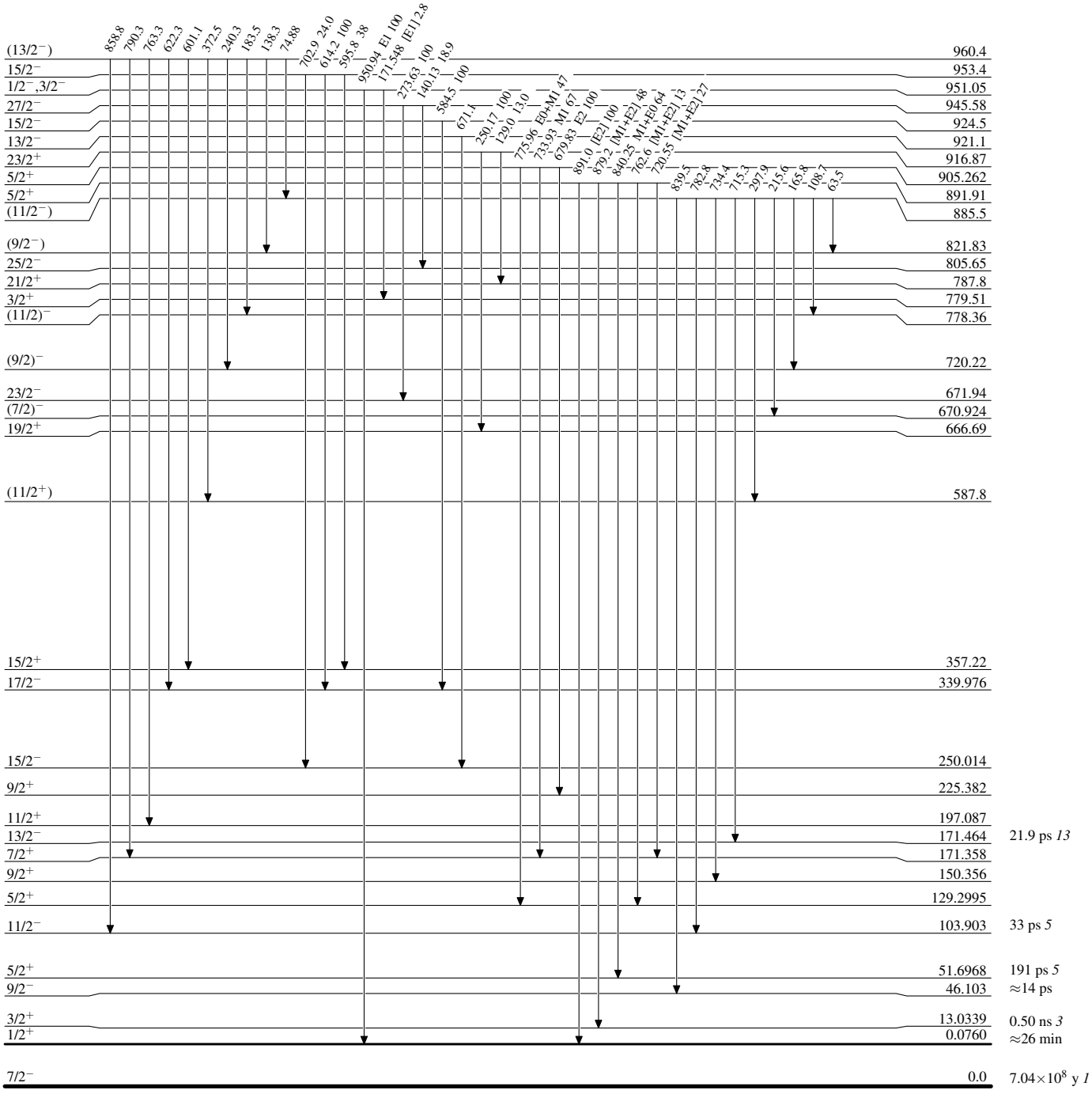


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given



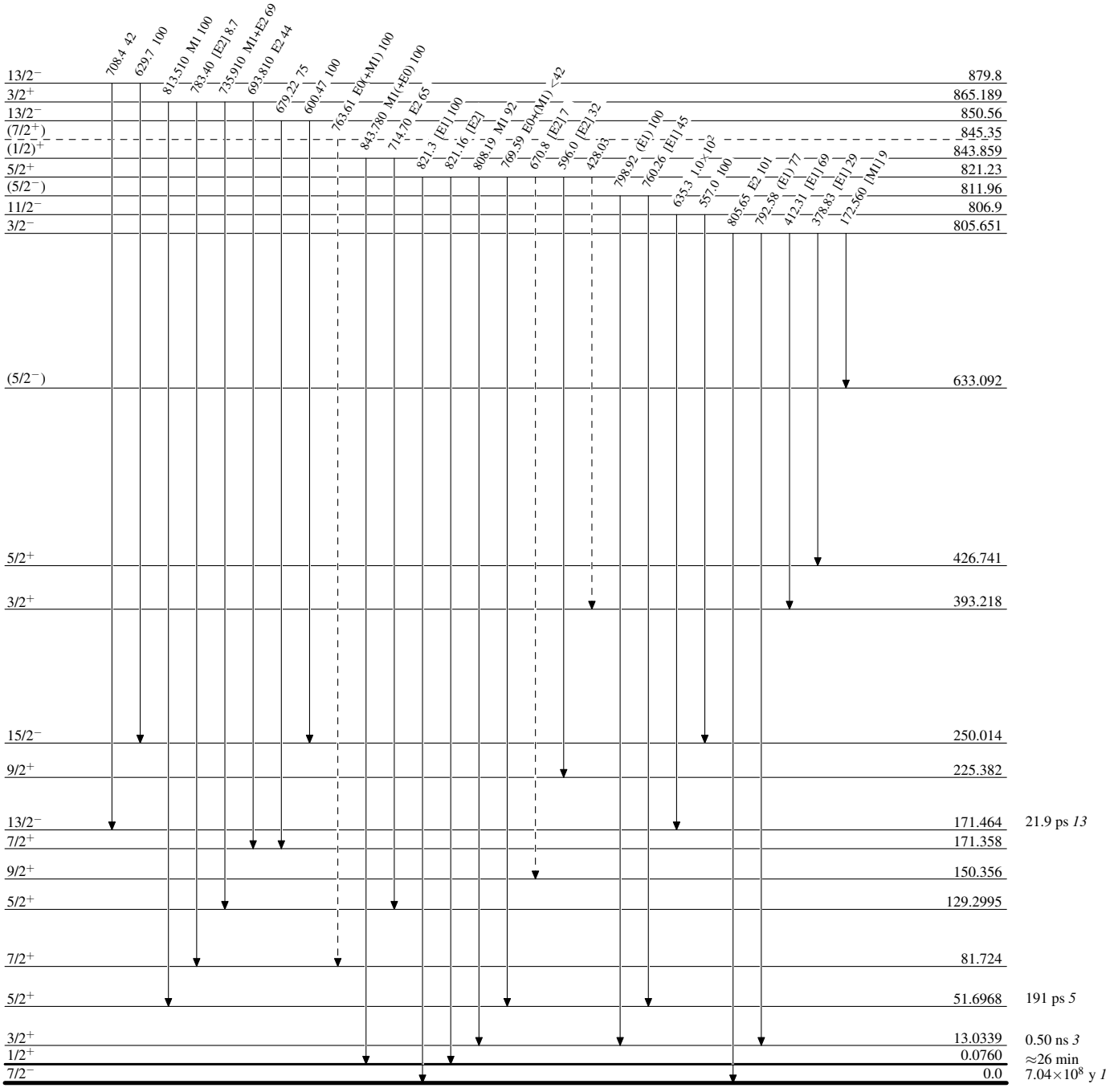
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

γ Decay (Uncertain)



$^{235}_{92}U_{143}$

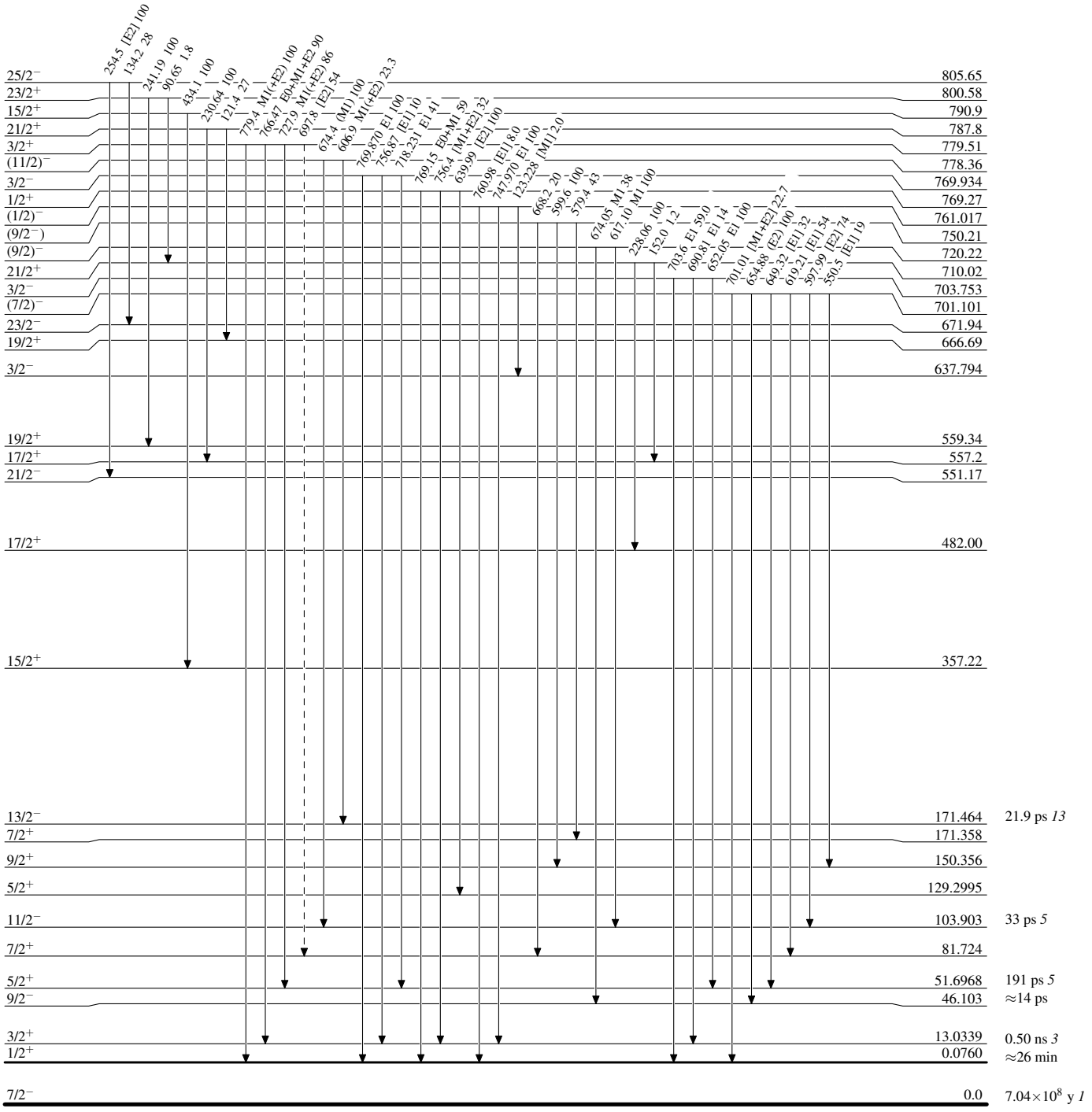
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

– – – – – – ► γ Decay (Uncertain)



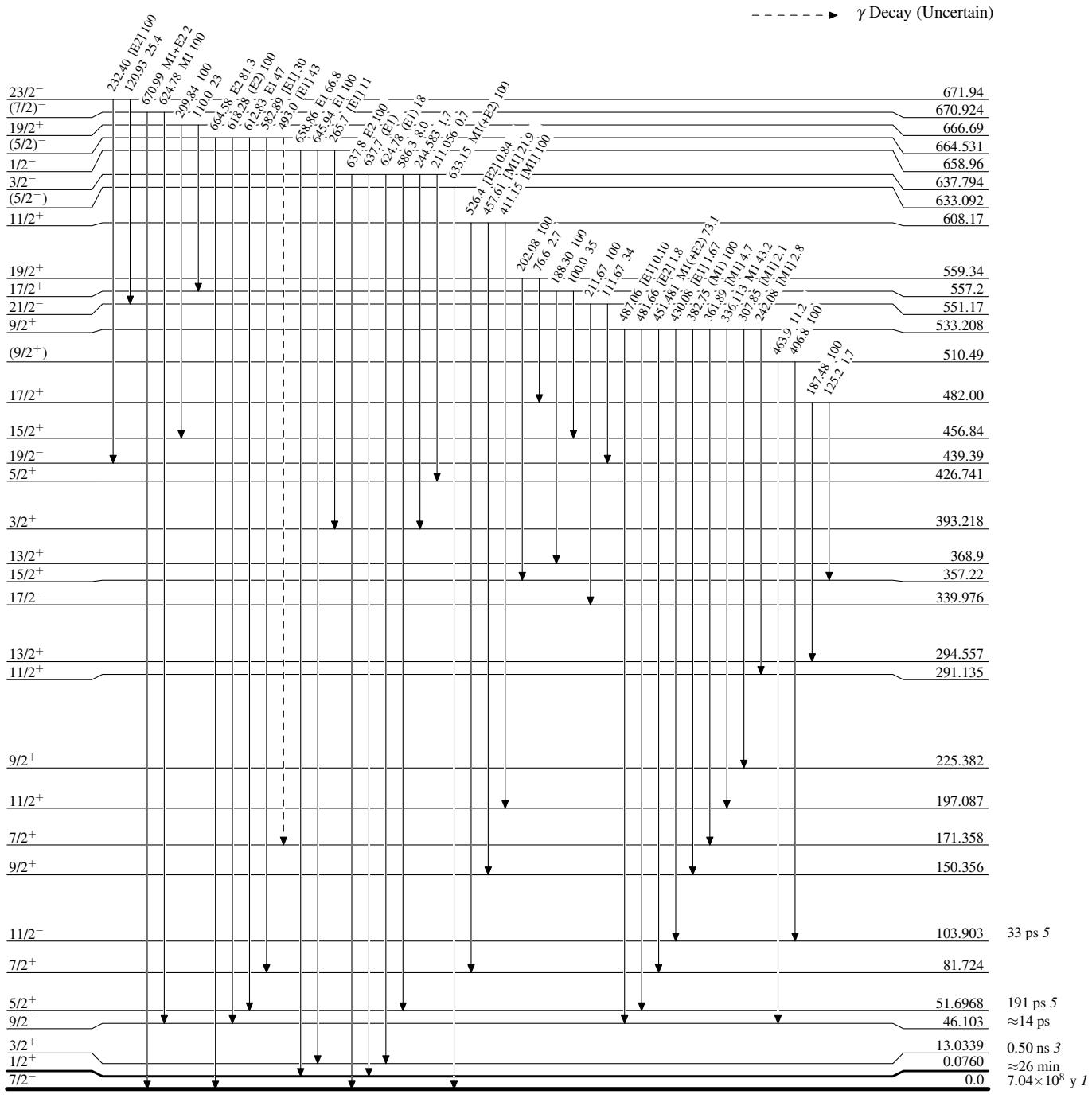
$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Legend

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

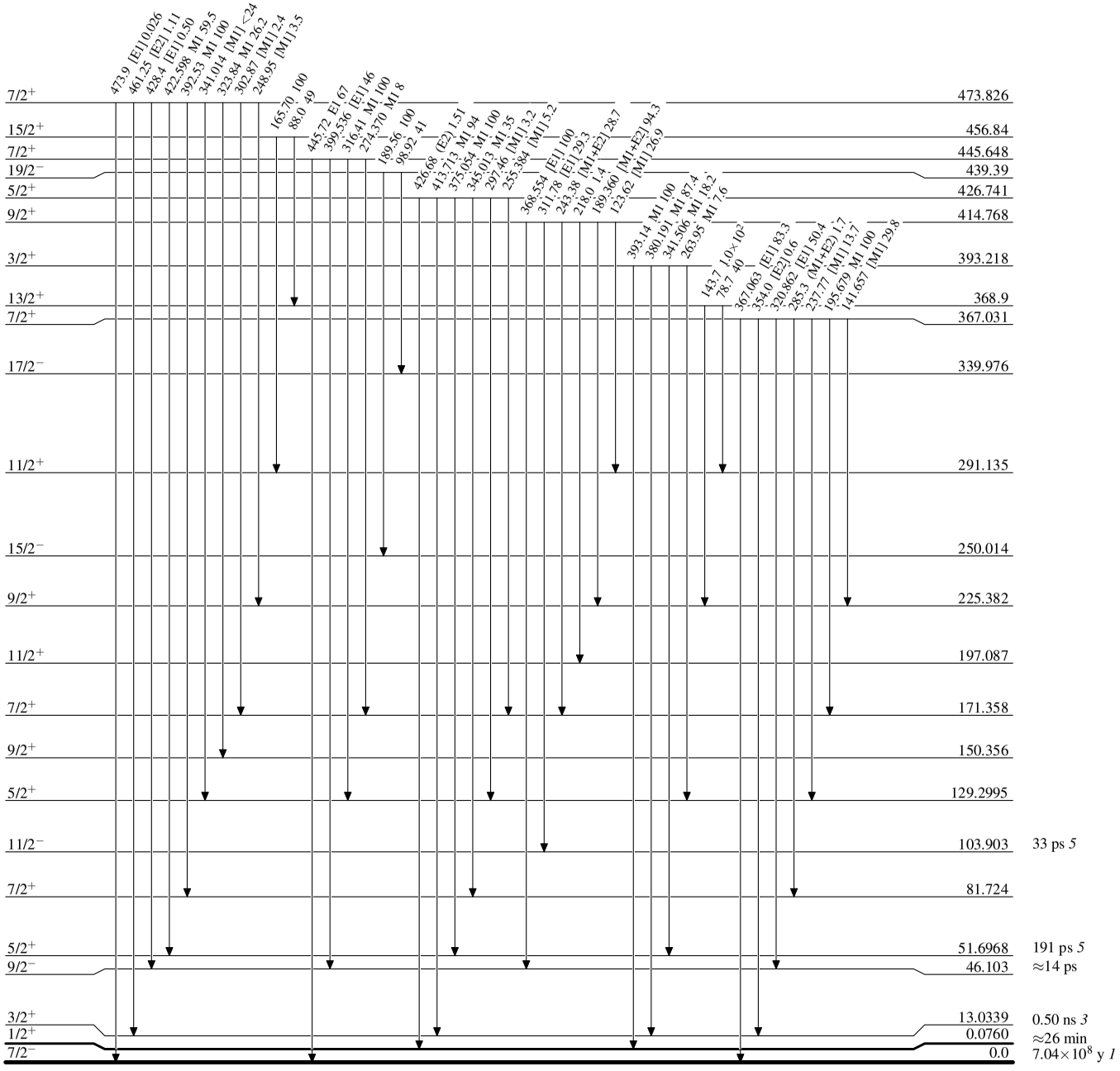


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

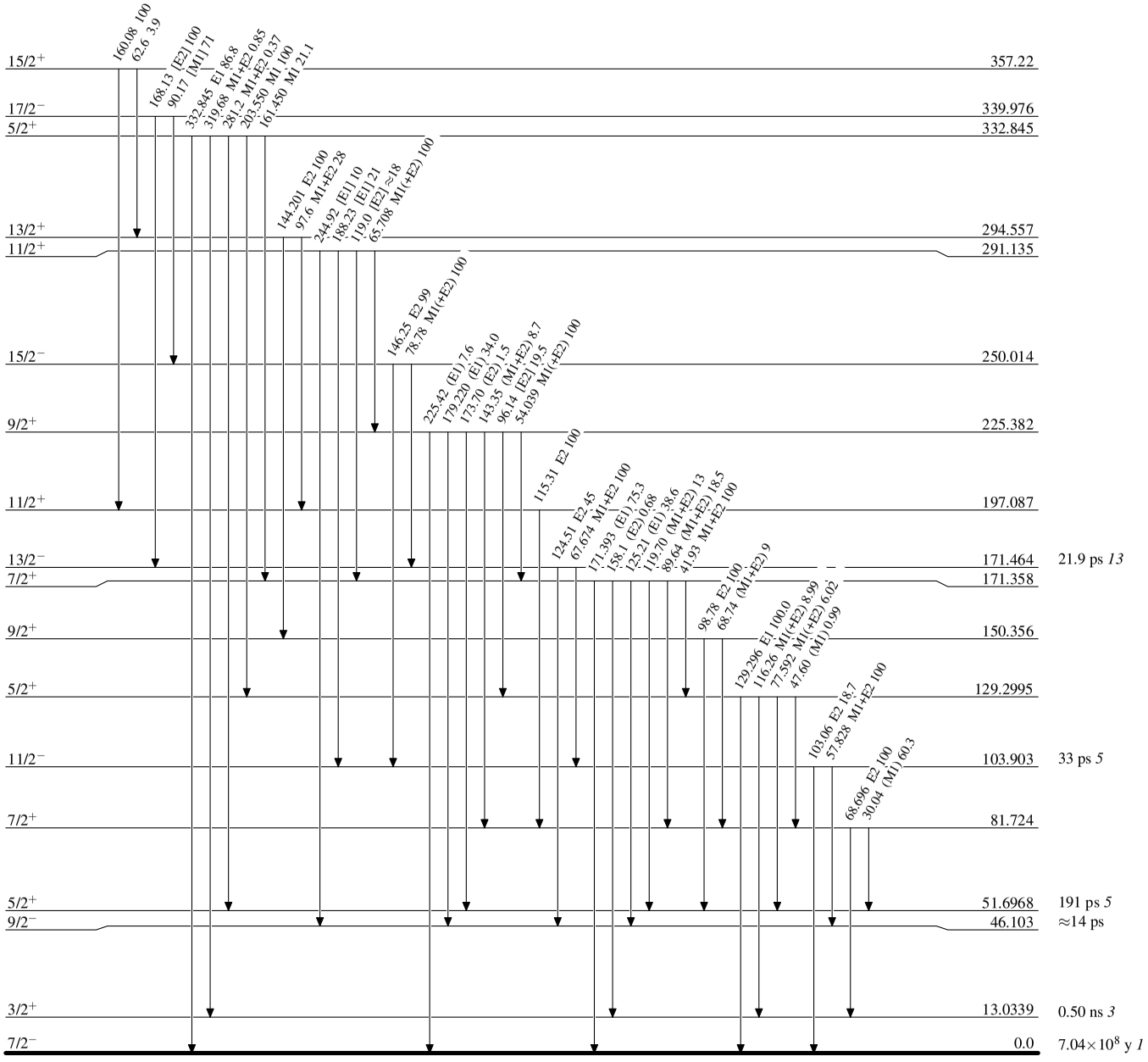


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

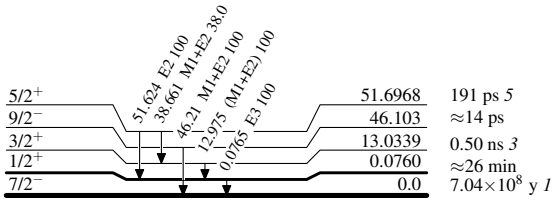


$^{235}_{92}U_{143}$

Adopted Levels, Gammas

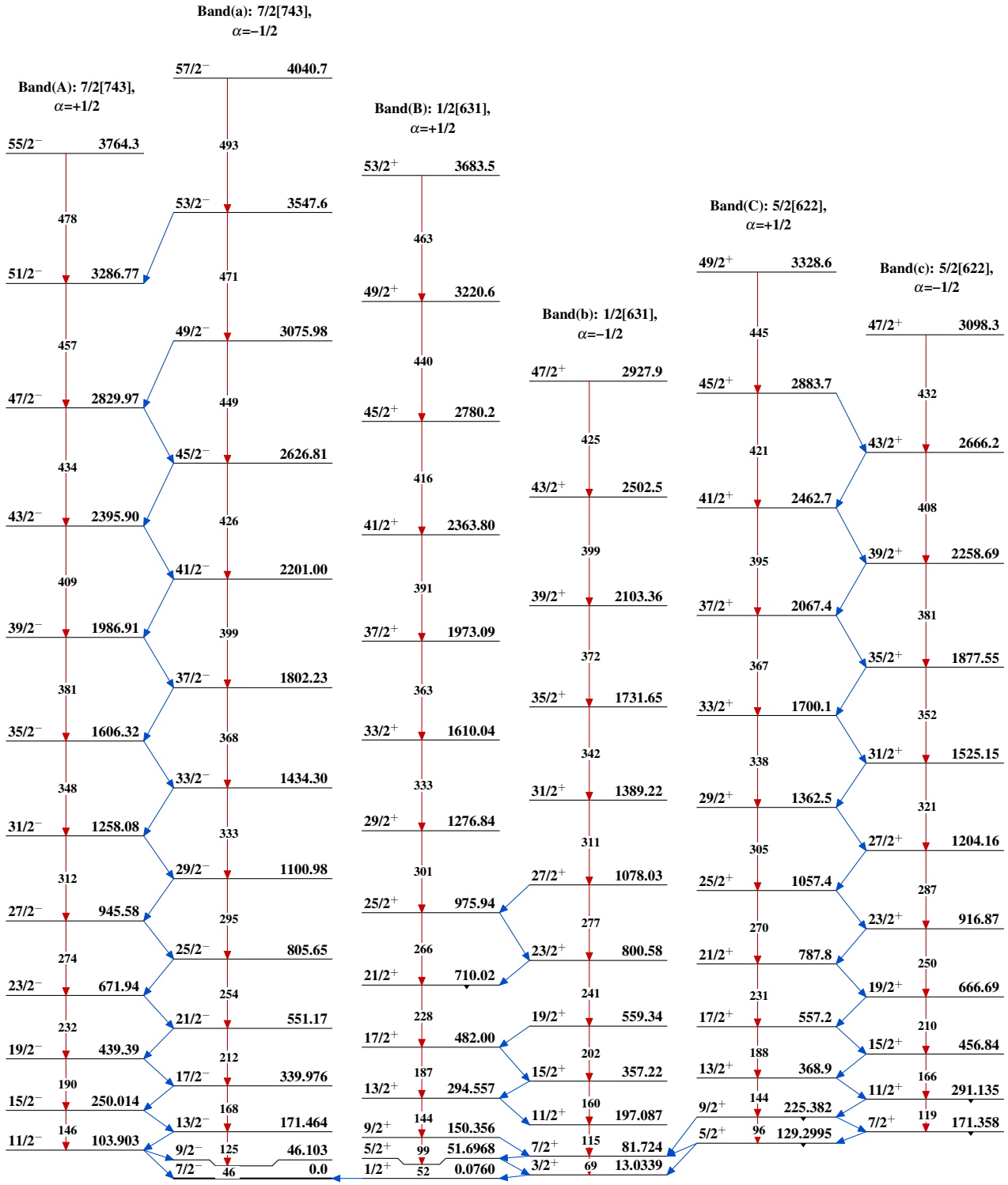
Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given



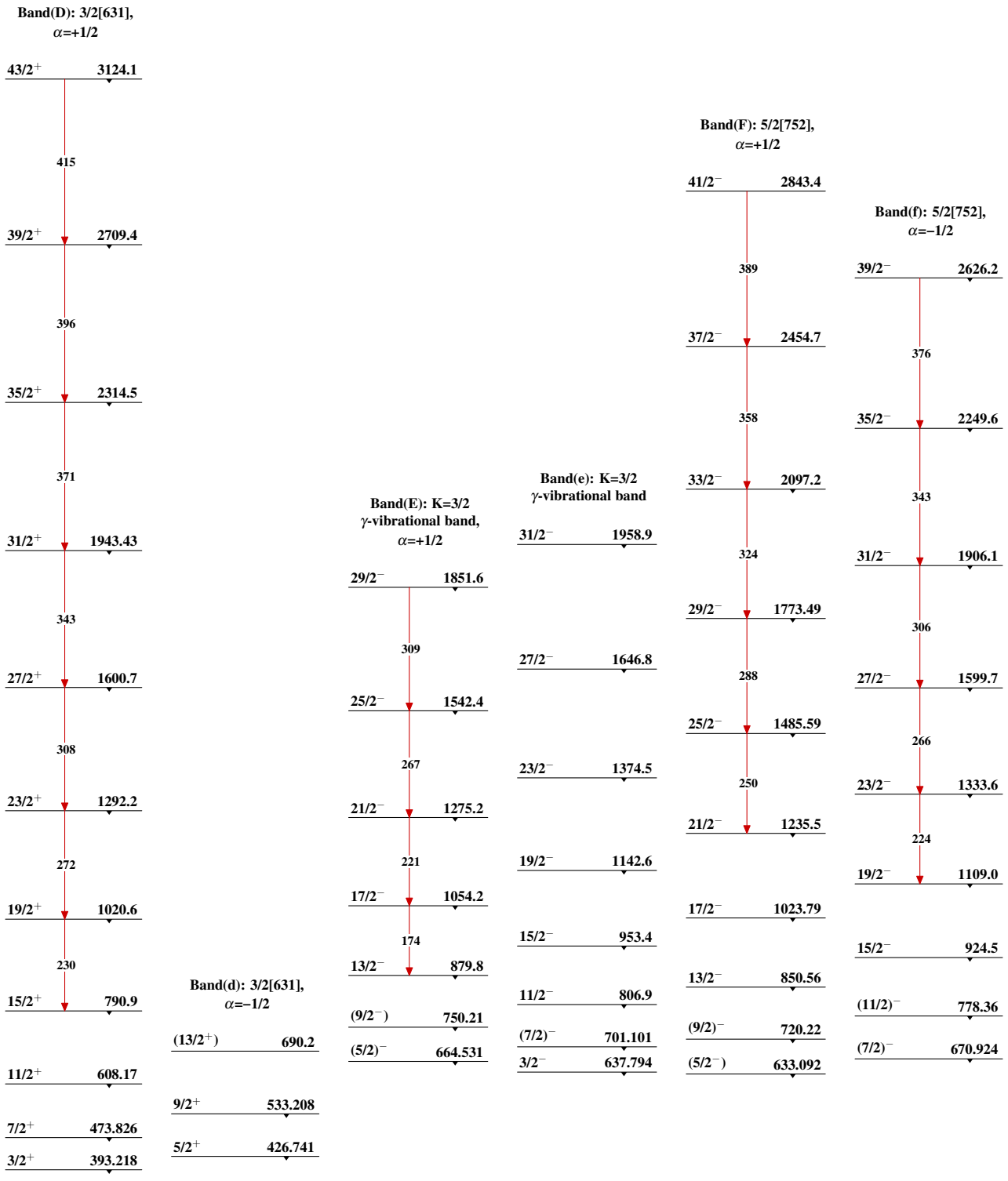
$^{235}_{92}U_{143}$

Adopted Levels, Gammas

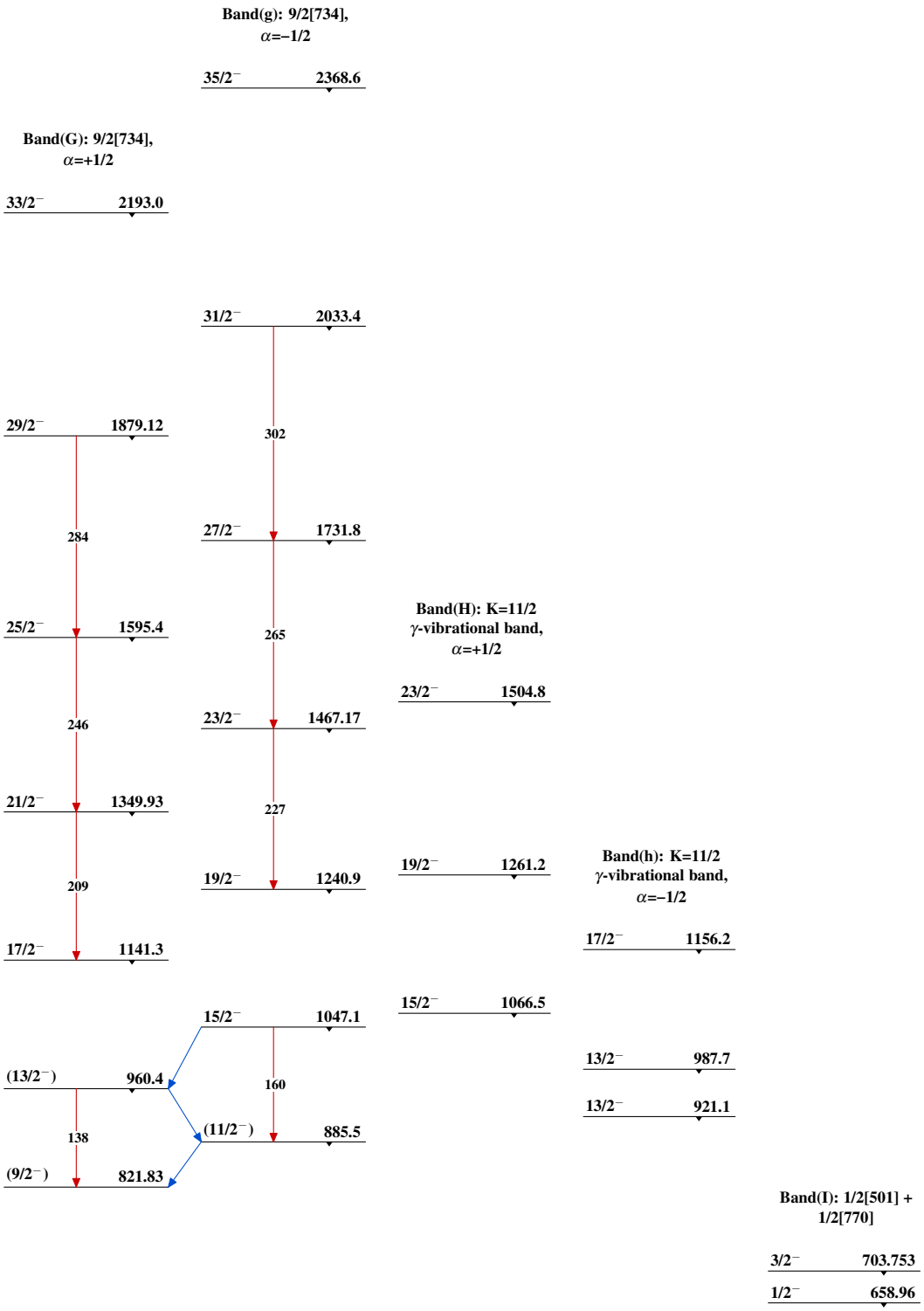


$^{235}_{92}U_{143}$

Adopted Levels, Gammas (continued)

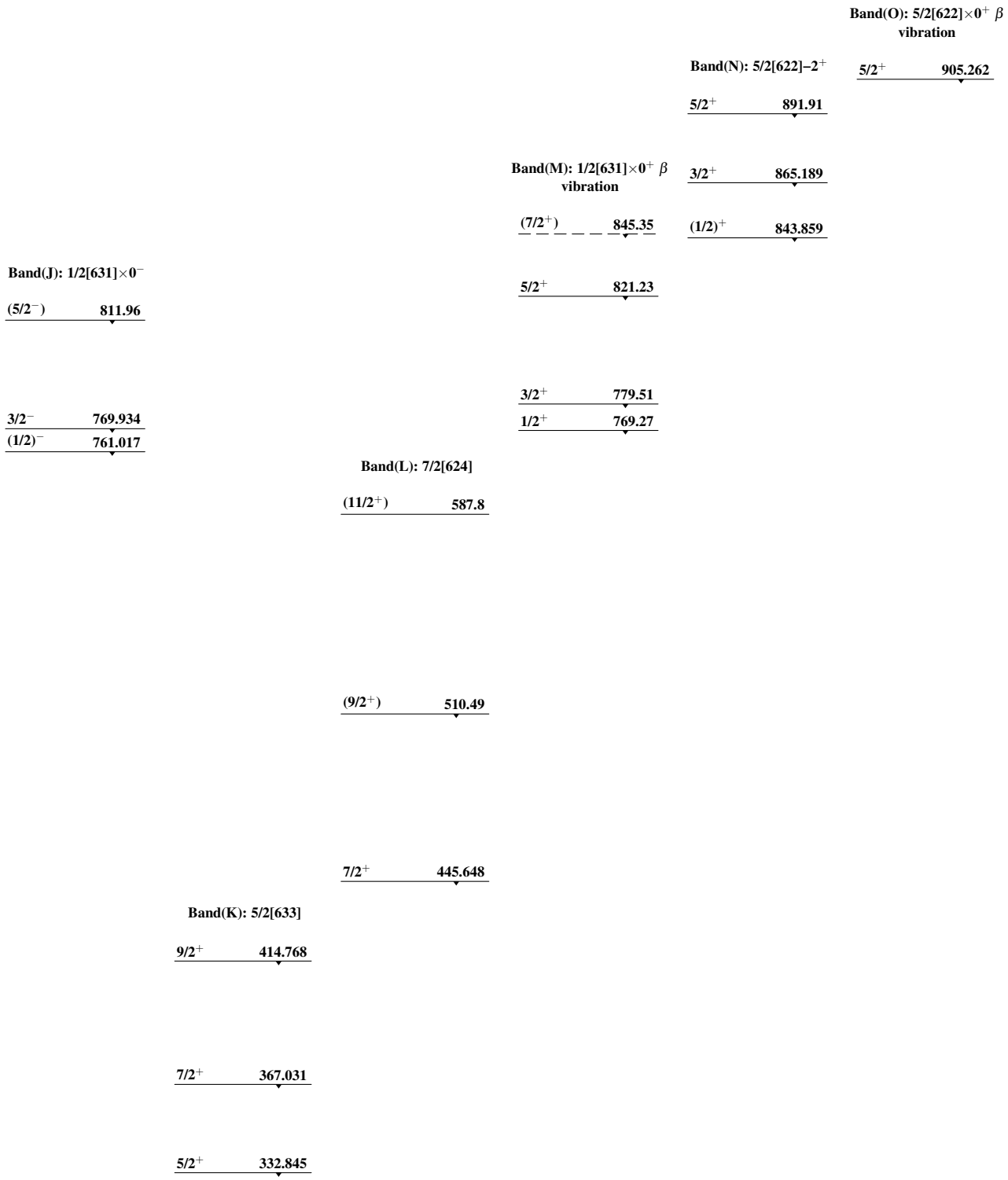


Adopted Levels, Gammas (continued)



$^{235}_{92}U_{143}$

Adopted Levels, Gammas (continued)



$^{235}_{92}U_{143}$