^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

E=130 MeV. Measured Eγ, $\gamma\gamma$, Iγ, $\gamma\gamma(\theta)$(DCO), γ(lin pol) using EUROGAM II array of 30 coaxial Ge detectors and 24 (4-element) clover type detectors all in Compton-suppression shields. Boson- Fermion-Fermion model calculations.
The level scheme is from 1999Gi14, except for the two unconnected bands which are from 1999Gi02.

^{102}Rh Levels

E(level)[†]	J$^\pi$[#]	T$_{1/2}$	E(level)[†]	J$^\pi$[#]
0	(1$^-$,2$^-$)	207 d	4312.5[e] *3*	16$^+$
41.937 *20*	2$^{(-)}$		4588.9[b] *4*	(16$^+$)
105.220 *20*	(1$^+$,2$^+$,3$^+$)		4625.7[&] *3*	17$^-$
140.68 *10*	6$^+$	3.742 y *10*	4636.9[c] *4*	(16$^+$)
154.43[‡] *10*	5$^+$		5001.8[a] *4*	(17$^+$)
156.49 *3*			5063.6[d] *4*	(17$^+$)
178.5 *4*	(3)$^+$		5232.4[@] *4*	18$^-$
242.2 *3*	7$^+$		5460.8[e] *3*	18$^+$
263.7 *4*	5$^+$		5538.7[c] *4*	(18$^+$)
297.24 *13*	7$^+$		5565.3[b] *4*	(18$^+$)
359.1 *4*			5926.6[&] *4*	19$^-$
378.37 *15*	6$^+$		6023.9[d] *4*	(19$^+$)
399.2 *4*	(5,6,7)		6088.7[a] *5*	(19$^+$)
476.6 *3*	7$^+$		6513.2[@] *4*	20$^-$
569.60 *14*	7$^+$		6615.3[c] *4*	(20$^+$)
615.6 *4*	(7,8,9)		6686.9[e] *4*	20$^+$
682.47[@] *16*	6$^-$		7175.5[d] *5*	(21$^+$)
708.15 *23*	8$^+$		7309.0[&] *4*	21$^-$
730.6[&] *4*	7$^-$		7797.6[@] *5*	22$^-$
761.0[@] *3*	8$^-$		7844.5[c] *5*	(22$^+$)
845.81 *16*	8$^+$		7991.2[e] *5*	22$^+$
907.4[&] *3*	9$^-$		8482.9[d] *5*	(23$^+$)
1042.26 *20*	9$^+$		8693.9[&] *5*	23$^-$
1186.6 *3*	9$^+$		8722.2 *8*	
1270.4[@] *3*	10$^-$		9109.6[@] *5*	24$^-$
1576.2[&] *3*	11$^-$		9248.9[c] *5*	(24$^+$)
1598.61[e] *21*	10$^+$		9379.6[e] *8*	24$^+$
2038.3[@] *3*	12$^-$		9816.1[d] *7*	(25$^+$)
2165.8 *4*	11$^+$		10168.9[&] *11*	25$^-$
2357.49[e] *22*	12$^+$		10482.6[@] *7*	26$^-$
2476.5[&] *3*	13$^-$		10664.9[c] *7*	(26$^+$)
2964.9[@] *3*	14$^-$		10831.6[e] *13*	26$^+$
3266.20[e] *24*	14$^+$		11199.5[d] *7*	(27$^+$)
3493.9[&] *3*	15$^-$		11693.9[&] *13*	27$^-$
3505.0 *4*	13$^+$		12126.6[@] *9*	28$^-$
3538.6[a] *4*	(13$^+$)		12160.1[c] *7*	(28$^+$)
3831.5[b] *3*	(14$^+$)		12609.1[d] *7*	(29$^+$)
3917.7[c] *4*	(14$^+$)		13289.0[&] *14*	29$^-$
4022.2[@] *3*	16$^-$		14168.1[d] *9*	(31$^+$)
4157.5[a] *4*	(15$^+$)		15978.2[d] *10*	(33$^+$)
4198.1 *4*			0+x[f]	
4264.0[d] *4*	(15$^+$)		1072+x[f]	

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^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)

^{102}Rh Levels (continued)

E(level)[†]	E(level)[†]	E(level)[†]
2272+x[f]	6696+x[f]	1502+y[g]
3636+x[f]	8378+x[f]	3080+y[g]
5110+x[f]	0+y[g]	4763+y[g]
		6598+y[g]

† From least-squares fit to Eγ′s (by evaluator).
‡ From Adopted Levels for ^{102}Rh.
# Unless noted otherwise, from γγ(θ)(DCO), γ(lin pol) and observed band structure (1999Gi14)Numerical values are the same as the adopted ones but here no parentheses given.
@ Band(A): $\pi g_{9/2}\nu h_{11/2}$, α=0.
& Band(a): $\pi g_{9/2}\nu h_{11/2}$, α=1.
a Band(B): $\pi g_{9/2}\nu(d_{5/2}h^2_{11/2})$, α=1.
b Band(b): $\pi g_{9/2}\nu(d_{5/2}h^2_{11/2})$, α=0.
c Band(C): $\pi g_{9/2}\nu(g_{7/2}h^2_{11/2})$, α=0.
d Band(c): $\pi g_{9/2}\nu(g_{7/2}h^2_{11/2})$, α=1.
e Band(D): $\pi p_{1/2}\nu h_{11/2}$, α=0.
f Band(E): ΔJ=2 band #1. This band from 1999Gi02 only.
g Band(F): ΔJ=2 band #2 this band from 1999Gi02 only.

γ(^{102}Rh)

DCO gated by E2 transistions where not quoted.

E_γ[†]	I_γ[†]	E_i(level)	J^π_i	E_f	J^π_f	Mult.[@]	Comments
13.7[‡] *10*		154.43	5^+	140.68	6^+		
22		178.5	$(3)^+$	156.49			
30		761.0	8^-	730.6	7^-		
41.938[‡] *20*		41.937	$2^{(-)}$	0	$(1^-,2^-)$		
48		730.6	7^-	682.47	6^-		
51.274[‡] *19*		156.49		105.220	$(1^+,2^+,3^+)$		
81.2 *3*	11	378.37	6^+	297.24	7^+		
85.16[‡] *5*		263.7	5^+	178.5	$(3)^+$		
98.8[‡] *1*		140.68	6^+	41.937	$2^{(-)}$		
101.7 *5*	9	242.2	7^+	140.68	6^+		
105.216[‡] *16*		105.220	$(1^+,2^+,3^+)$	0	$(1^-,2^-)$		
117.3 *5*	4	476.6	7^+	359.1		D	DCO=1.23 *24* (Gated by M1+E2).
135.6 *5*	6	399.2	(5,6,7)	263.7	5^+	D	DCO=1.19 *25* (Gated by M1+E2). (For 135.6+136.4+136.7).
136.4 *5*	7	378.37	6^+	242.2	7^+	D	DCO=1.19 *25* (Gated by M1+E2). (For 135.6+136.4+136.7).
136.7 *5*	4	178.5	$(3)^+$	41.937	$2^{(-)}$	D	DCO=1.19 *25* (Gated by M1+E2). (For 135.6+136.4+136.7).
138.6 *5*	1	708.15	8^+	569.60	7^+	D	DCO=0.42 *7*.
146.3 *1*	100	907.4	9^-	761.0	8^-	D	DCO=0.24 *2*.
156.6 *1*	40	297.24	7^+	140.68	6^+	D	DCO=0.38 *5*.
196.6 *5*	7	1042.26	9^+	845.81	8^+	D	DCO=0.65 *11*.

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^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)

γ(^{102}Rh) (continued)

E_γ †	I_γ †	E_i(level)	J_i^π	E_f	J_f^π	Mult. @	Comments
204.5 *5*	4	359.1		154.43	5^+	D	DCO=0.66 *11* (For 204.5+205.9).
205.9 *5*	6	682.47	6^-	476.6	7^+	D	DCO=0.66 *11* (For 204.5+205.9).
213.0 *5*	6	476.6	7^+	263.7	5^+	D	Mult.: D in conflict with J^π initial and final state. DCO=0.97 *25* (Gated by M1+E2).
216.4 *5*	3	615.6	(7,8,9)	399.2	(5,6,7)		
223.6 *3*	10	378.37	6^+	154.43	5^+	D	DCO=1.6 *4* (Gated by M1+E2).
231.5 *5*	4	708.15	8^+	476.6	7^+	D	DCO=0.42 *8* (For 231.5+234.4).
234.4 *5*	2	476.6	7^+	242.2	7^+	D	DCO=0.42 *8* (For 231.5+234.4).
237.9 *3*	12	378.37	6^+	140.68	6^+	D	DCO=1.38 *25* (Gated by M1+E2).
272.4 *5*	1	569.60	7^+	297.24	7^+	D	DCO=1.22 *25* (Gated by M1+E2).
276.2 *1*	20	845.81	8^+	569.60	7^+	D	DCO=0.45 *7*.
283.3 *5*	6	682.47	6^-	399.2	(5,6,7)	D	DCO=1.11 *22* (Gated by M1+E2).
292.9 *3*	11	3831.5	(14^+)	3538.6	(13^+)	M1+E2	DCO=0.65 *7*. Pol=−0.05 *27*.
304.1 *1*	35	682.47	6^-	378.37	6^+	D	DCO=0.42 *3*.
305.8 *1*	95	1576.2	11^-	1270.4	10^-	M1+E2	DCO=1.37 *14* (Gated by M1+E2). Pol=−0.61 *8*.
318.5 *5*	3	615.6	(7,8,9)	297.24	7^+		
325.9 *1*	22	4157.5	(15^+)	3831.5	(14^+)	M1+E2	DCO=0.49 *7* (For 325.9+326.8). Pol=−0.26 *12*.
326.8 *5*	4	3831.5	(14^+)	3505.0	13^+	D	DCO=0.49 *7* (For 325.9+326.8).
334.4 *3*	16	1042.26	9^+	708.15	8^+	D	DCO=1.18 *14* (Gated by M1+E2).
346.2 *5*	4	4264.0	(15^+)	3917.7	(14^+)		
352.1 *5*	7	730.6	7^-	378.37	6^+	D	DCO=1.25 *15* (Gated by M1+E2).
363.0 *1*	100	1270.4	10^-	907.4	9^-	M1+E2	DCO=0.50 *4*. Pol=−0.24 *5*.
373.5 *5*	9	4636.9	(16^+)	4264.0	(15^+)	M1+E2	DCO=0.87 *7* (Gated by M1+E2). Pol=−0.59 *32*.
385.4 *5*	6	682.47	6^-	297.24	7^+	D	DCO=1.33 *15* (Gated by M1+E2).
411.4 *5*	3	708.15	8^+	297.24	7^+	D	DCO=0.73 *11* (For 411.4+412.6+412.9).
412.6 *5*	4	3917.7	(14^+)	3505.0	13^+	M1+E2	DCO=0.73 *11* (For 411.4+412.6+412.9). Pol=−0.43 *14*.
412.9 *1*	22	5001.8	(17^+)	4588.9	(16^+)	M1+E2	DCO=0.73 *11* (For 411.4+412.6+412.9). Pol=−0.43 *14*.
416.2 *5*	4	9109.6	24^-	8693.9	23^-		
426.6 *3*	14	5063.6	(17^+)	4636.9	(16^+)	M1+E2	DCO=0.83 *4* (Gated by M1+E2). Pol=−0.34 *32*.
426.7 *5*	5	1042.26	9^+	615.6	(7,8,9)		
428.9 *1*	20	569.60	7^+	140.68	6^+	D	DCO=0.55 *7* (For 428.9+431.3).
431.3 *1*	22	4588.9	(16^+)	4157.5	(15^+)	M1+E2	DCO=0.65 *10* (For 428.9+431.3). Pol=−0.61 *18*.
433.1 *5*	1	4264.0	(15^+)	3831.5	(14^+)		
433.4 *5*	7	730.6	7^-	297.24	7^+	D	DCO=0.84 *10* (Gated by M1+E2).
438.2 *1*	75	2476.5	13^-	2038.3	12^-	M1+E2	DCO=0.56 *5*. Pol=−0.25 *10*.
438.7 *5*	5	4636.9	(16^+)	4198.1			
440.2 *5*	5	682.47	6^-	242.2	7^+		
449.1 *5*	4	12609.1	(29^+)	12160.1	(28^+)		
462.1 *1*	80	2038.3	12^-	1576.2	11^-	M1+E2	DCO=0.47 *3*. Pol=−0.09 *7*.
463.7 *3*	14	761.0	8^-	297.24	7^+	D	DCO=0.75 *11* (Gated by M1+E2).
474.8 *5*	2	5063.6	(17^+)	4588.9	(16^+)	M1+E2	DCO=1.07 *9* (Gated by M1+E2). Pol=−0.53 *24*.
475.4 *3*	10	5538.7	(18^+)	5063.6	(17^+)	D	DCO=1.07 *9* (Gated by M1+E2).
479.6 *5*	3	4636.9	(16^+)	4157.5	(15^+)		

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^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)

γ(^{102}Rh) (continued)

E_γ[†]	I_γ[†]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[@]	Comments
485.2 *1*	22	6023.9	(19^+)	5538.7	(18^+)	M1+E2	DCO=1.05 *10* (Gated by M1+E2). Pol=−0.30 *30*.
488.4 *1*	65	2964.9	14^-	2476.5	13^-	M1+E2	DCO=0.45 *4*. Pol=−0.41 *22*.
489		7797.6	22^-	7309.0	21^-		
501.2 *5*	3	5565.3	(18^+)	5063.6	(17^+)		
509.7 *5*	4	1270.4	10^-	761.0	8^-		
522.8 *5*	6	6088.7	(19^+)	5565.3	(18^+)		
526.1 *5*	7	6615.3	(20^+)	6088.7	(19^+)	D	DCO=1.12 *9* (Gated by M1+E2). (For 526.1+527.9+528.5+528.9).
527.9 *3*	16	682.47	6^-	154.43	5^+	D	DCO=1.12 *9* (Gated by M1+E2). (For 526.1+527.9+528.5+528.9).
528.5 *1*	38	4022.2	16^-	3493.9	15^-	M1+E2	DCO=1.12 *9* (Gated by M1+E2). (For 526.1+527.9+528.5+528.9). Pol=−0.39 *12*.
528.9 *1*	43	3493.9	15^-	2964.9	14^-	M1+E2	DCO=1.12 *9* (Gated by M1+E2). (For 526.1+527.9+528.5+528.9). Pol=−0.39 *12*.
537.2 *3*	10	5538.7	(18^+)	5001.8	(17^+)	M1+E2	DCO=0.89 *10* (Gated by M1+E2). Pol=−0.23 *37*.
548.6 *5*	4	845.81	8^+	297.24	7^+		
556.4 *1*	44	1598.61	10^+	1042.26	9^+	D	DCO=0.71 *10*.
560.0 *3*	18	7175.5	(21^+)	6615.3	(20^+)	M1+E2	DCO=0.62 *12* (For 560.0+562.8). Pol=−0.40 *22*.
562.8 *5*	8	5565.3	(18^+)	5001.8	(17^+)	D	DCO=0.62 *12* (For 560.0+562.8).
567.7 *5*	7	708.15	8^+	140.68	6^+		
586.4 *3*	12	6513.2	20^-	5926.6	19^-		
591.4 *3*	16	6615.3	(20^+)	6023.9	(19^+)		
[x]598.0[#] *5*	3						Assignment (17^-) to (16^-) in 1999Gi14 should be ignored.
603.6 *1*	34	4625.7	17^-	4022.2	16^-	M1+E2	DCO=0.89 *7* (Gated by M1+E2). Pol=−1.25 *62*.
606.7 *1*	21	5232.4	18^-	4625.7	17^-	D	DCO=1.31 *28* (Gated by M1+E2).
638.5 *3*	10	8482.9	(23^+)	7844.5	(22^+)		
668.8 *3*	19	1576.2	11^-	907.4	9^-		
668.9 *3*	16	7844.5	(22^+)	7175.5	(21^+)		
[x]684.0[#] *5*	2						Assignment (19^-) to (18^-) in 1999Gi14 should be ignored.
694.3 *3*	10	5926.6	19^-	5232.4	18^-		
731.0 *5*	4	8722.2		7991.2	22^+		
745.1 *3*	18	1042.26	9^+	297.24	7^+	E2	DCO=0.85 *14*. Pol=+0.26 *31*.
752.6 *3*	11	1598.61	10^+	845.81	8^+	Q	DCO=0.86 *13*.
758.3 *5*	2	4588.9	(16^+)	3831.5	(14^+)		
758.9 *1*	55	2357.49	12^+	1598.61	10^+	E2	DCO=0.93 *14*. Pol=+0.92 *17*.
759.1 *5*	1	4264.0	(15^+)	3505.0	13^+		
765.9 *3*	10	9248.9	(24^+)	8482.9	(23^+)		
767.8 *3*	12	2038.3	12^-	1270.4	10^-	E2	DCO=1.84 *18* (Gated by M1+E2). Pol=+0.66 *35*.
795.6 *5*	3	7309.0	21^-	6513.2	20^-		
844.8 *5*	4	5001.8	(17^+)	4157.5	(15^+)		
889.3 *3*	12	1186.6	9^+	297.24	7^+	E2	DCO=1.77 *24* (Gated by M1+E2). Pol=+1.01 *32*.
890		1598.61	10^+	708.15	8^+		
900.3 *1*	45	2476.5	13^-	1576.2	11^-	E2	DCO=2.03 *20* (Gated by M1+E2). (For 900.3+902.0). Pol=+0.81 *33*.

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^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)

γ(^{102}Rh) (continued)

E_γ[†]	I_γ[†]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[@]	Comments
902.0 *5*	4	5538.7	(18^+)	4636.9	(16^+)	Q	DCO=2.03 *20* (Gated by M1+E2). (For 900.3+902.0).
908.7 *1*	50	3266.20	14^+	2357.49	12^+	E2	DCO=1.17 *20*. Pol=+0.71 *29*.
926.2 *3*	19	2964.9	14^-	2038.3	12^-	Q	DCO=2.16 *20* (Gated by M1+E2).
931.8 *3*	11	4198.1		3266.20	14^+		
[x]967.0[#] *5*	7						Assignment (13^-) to 12^- in 1999Gi14 should be ignored.
976.7 *5*	1	5565.3	(18^+)	4588.9	(16^+)		
979.1 *3*	12	2165.8	11^+	1186.6	9^+	Q	DCO=1.84 *30* (Gated by M1+E2).
1017.4 *1*	28	3493.9	15^-	2476.5	13^-	Q	DCO=2.8 *4* (Gated by M1+E2).
1021.4 *5*	6	6023.9	(19^+)	5001.8	(17^+)		
1046.3 *1*	40	4312.5	16^+	3266.20	14^+	E2	DCO=0.86 *14*. Pol=+0.02 *32*.
1049.6 *5*	3	6615.3	(20^+)	5565.3	(18^+)		
1057.2 *1*	22	4022.2	16^-	2964.9	14^-	Q	DCO=1.22 *14* (Gated by M1+E2).
1072		1072+x		0+x			
1076.6 *3*	10	6615.3	(20^+)	5538.7	(18^+)	Q	DCO=0.66 *7* (Gated by M1+E2).
1087.1 *5*	4	6088.7	(19^+)	5001.8	(17^+)		
1131.8 *1*	26	4625.7	17^-	3493.9	15^-	Q	DCO=1.34 *20* (Gated by M1+E2).
1142.6 *5*	2	4636.9	(16^+)	3493.9	15^-		
1148.2 *5*	5	3505.0	13^+	2357.49	12^+		
1148.3 *1*	30	5460.8	18^+	4312.5	16^+	E2	DCO=1.04 *17* (For 1148.3+1151.8). Pol=+1.02 *40*.
1151.8 *3*	10	7175.5	(21^+)	6023.9	(19^+)	Q	DCO=1.04 *17* (For 1148.3+1151.8).
1181.3 *5*	4	3538.6	(13^+)	2357.49	12^+		
1200		2272+x		1072+x			
1210.3 *3*	14	5232.4	18^-	4022.2	16^-		
1226.1 *3*	17	6686.9	20^+	5460.8	18^+	Q	DCO=0.82 *13*.
1229.3 *3*	10	7844.5	(22^+)	6615.3	(20^+)		
1280.7 *3*	10	6513.2	20^-	5232.4	18^-		
1284.2 *3*	13	7797.6	22^-	6513.2	20^-	E2	DCO=0.61 *6* (Gated by M1+E2). Pol=+1.52 *82*.
1299.0 *5*	5	4264.0	(15^+)	2964.9	14^-		
1300.8 *1*	32	5926.6	19^-	4625.7	17^-	E2	DCO=0.70 *4* (Gated by M1+E2). Pol=+1.10 *65*.
1304.3 *3*	10	7991.2	22^+	6686.9	20^+	Q	DCO=0.90 *16*.
1307.3 *3*	15	8482.9	(23^+)	7175.5	(21^+)	E2	DCO=0.82 *10* (Gated by M1+E2). Pol=+1.10 *58*.
1311.8 *3*	10	9109.6	24^-	7797.6	22^-		
1333.1 *5*	8	9816.1	(25^+)	8482.9	(23^+)		
1355.2 *3*	10	3831.5	(14^+)	2476.5	13^-		
1364		3636+x		2272+x			
1372.7 *5*	2	3538.6	(13^+)	2165.8	11^+		
1373.0 *5*	8	10482.6	26^-	9109.6	24^-		
1382.7 *3*	17	7309.0	21^-	5926.6	19^-	E2	DCO=0.48 *4* (Gated by M1+E2). Pol=+1.46 *65*.
1383.4 *3*	12	11199.5	(27^+)	9816.1	(25^+)		
1385.1 *3*	14	8693.9	23^-	7309.0	21^-		
1388.4 *5*	6	9379.6	24^+	7991.2	22^+		
1404.5 *3*	11	9248.9	(24^+)	7844.5	(22^+)		
1409.6 *3*	10	12609.1	(29^+)	11199.5	(27^+)		
1416.0 *5*	8	10664.9	(26^+)	9248.9	(24^+)		
1441.0 *5*	6	3917.7	(14^+)	2476.5	13^-		
1452		10831.6	26^+	9379.6	24^+		
1466.5 *5*	5	3505.0	13^+	2038.3	12^-		
1474		5110+x		3636+x			
1475		10168.9	25^-	8693.9	23^-		

Continued on next page (footnotes at end of table)

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)

$\gamma(^{102}Rh)$ (continued)

E_γ †	I_γ †	E_i(level)	J_i^π	E_f	J_f^π	E_γ †	I_γ †	E_i(level)	J_i^π	E_f	J_f^π
1495.2 *5*	8	12160.1	(28^+)	10664.9	(26^+)	1595.0 *5*	2	13289.0	29^-	11693.9	27^-
1502		1502+y		0+y		1644.0 *5*	5	12126.6	28^-	10482.6	26^-
1525.0 *5*	3	11693.9	27^-	10168.9	25^-	1682		8378+x		6696+x	
1559.0 *5*	8	14168.1	(31^+)	12609.1	(29^+)	1683		4763+y		3080+y	
1578		3080+y		1502+y		1810.0 *5*	6	15978.2	(33^+)	14168.1	(31^+)
1586		6696+x		5110+x		1835		6598+y		4763+y	

† From 1999Gi14. $\Delta(E\gamma)$=0.1 keV for $I\gamma$>20, 0.3 keV for $I\gamma$=10-20 and 0.5 keV for $I\gamma$<10, based on a general comment by 1999Gi14. $\Delta(I\gamma)$ are 5% for strong and well resolved peaks, rising up to 30% for weak and unresolved lines.

‡ From Adopted Levels for ^{102}Rh.

Transition related to deexcitation of ΔJ=2 band #1 in 1999Gi02. But the exact placement is not established. Assignments given in 199gi14 should be ignored. (as per E-mail reply to an enquiry from J. Gizon on June 9, 2000).

@ For mixed transitions no δ given by 1999GI14,1999GI02.

x γ ray not placed in level scheme.

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

Level Scheme

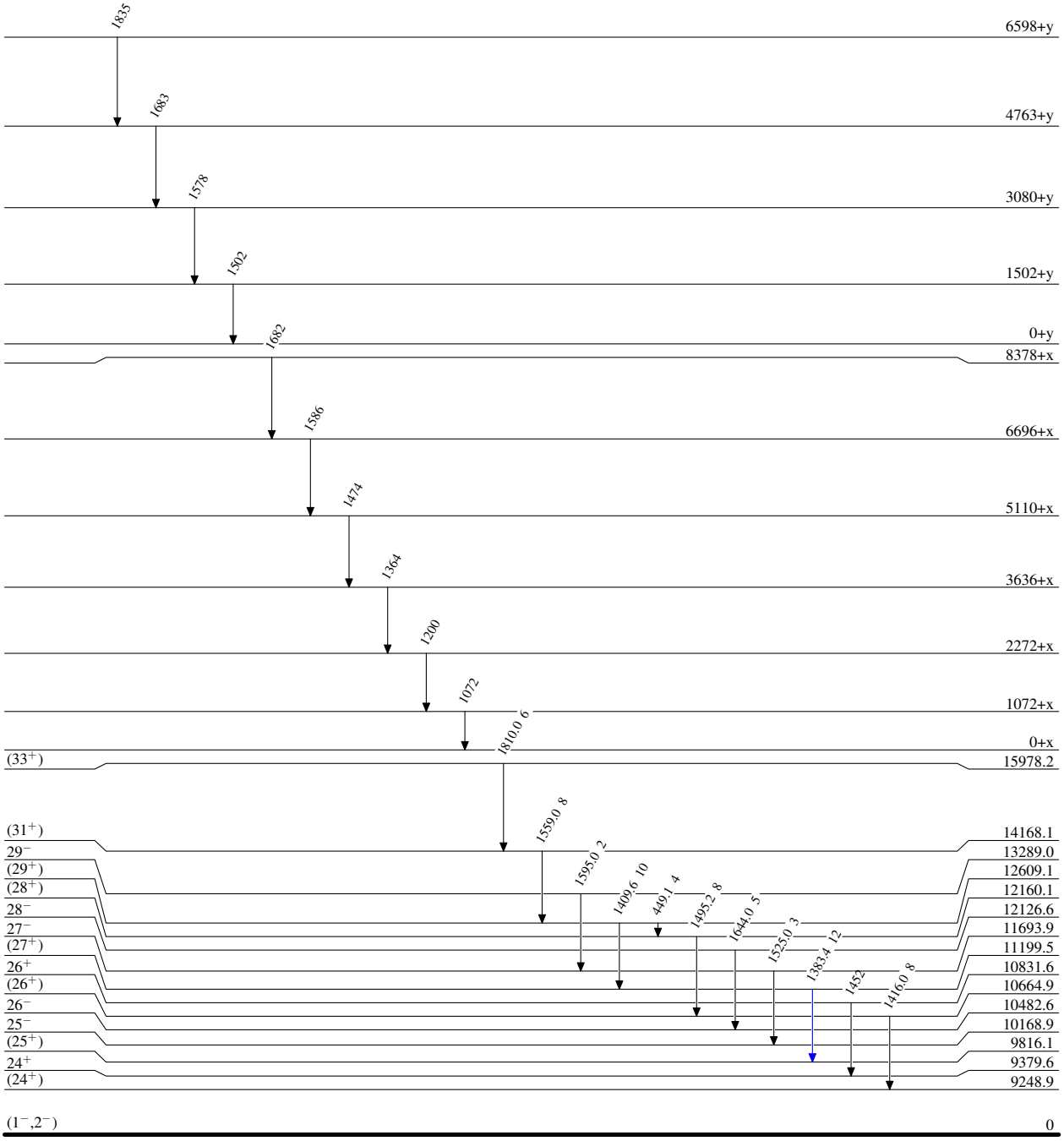
Intensities: Relative I_γ

Legend

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

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

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

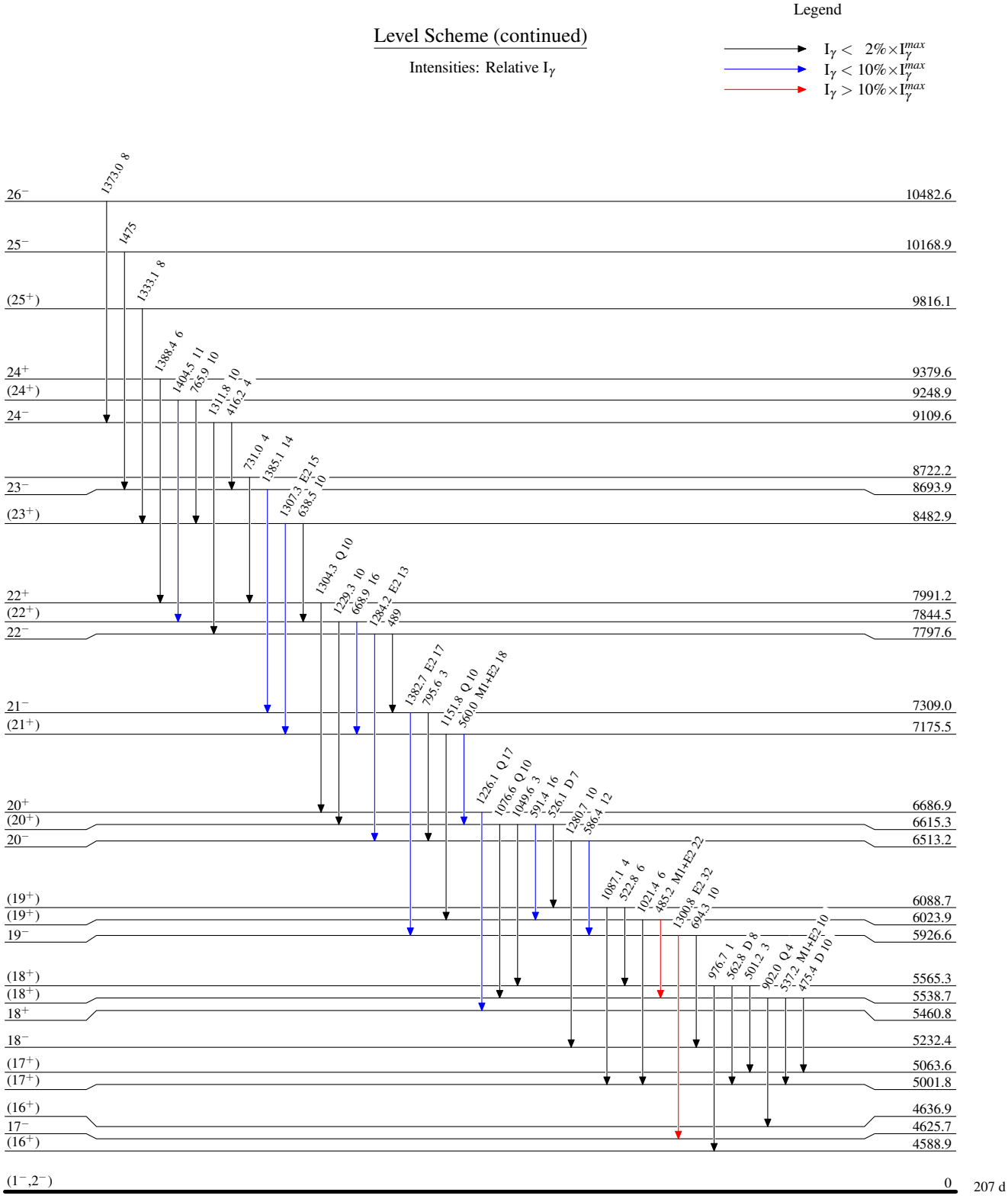


$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

Level Scheme (continued)

Intensities: Relative I_γ

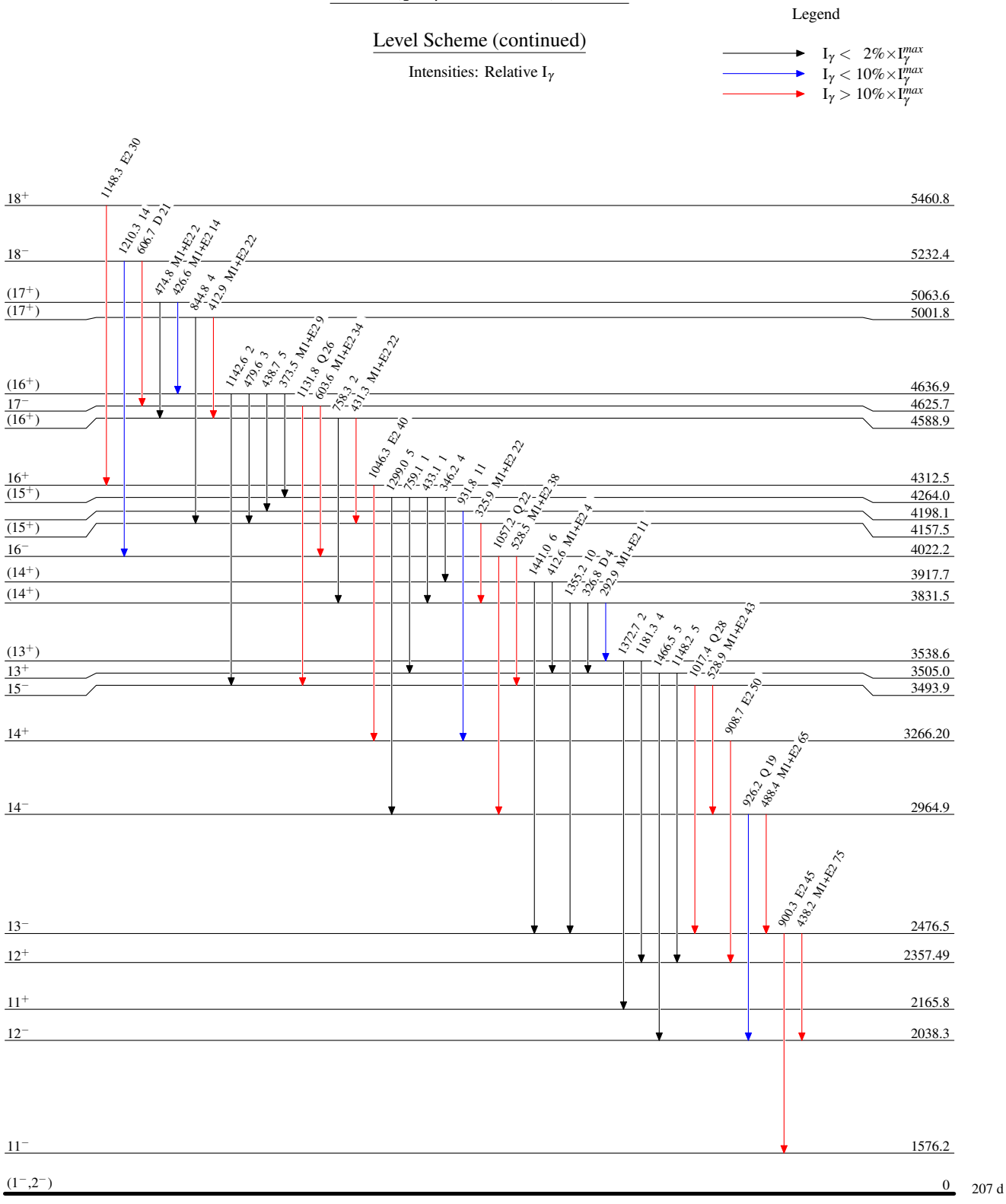


$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

Level Scheme (continued)

Intensities: Relative I_γ



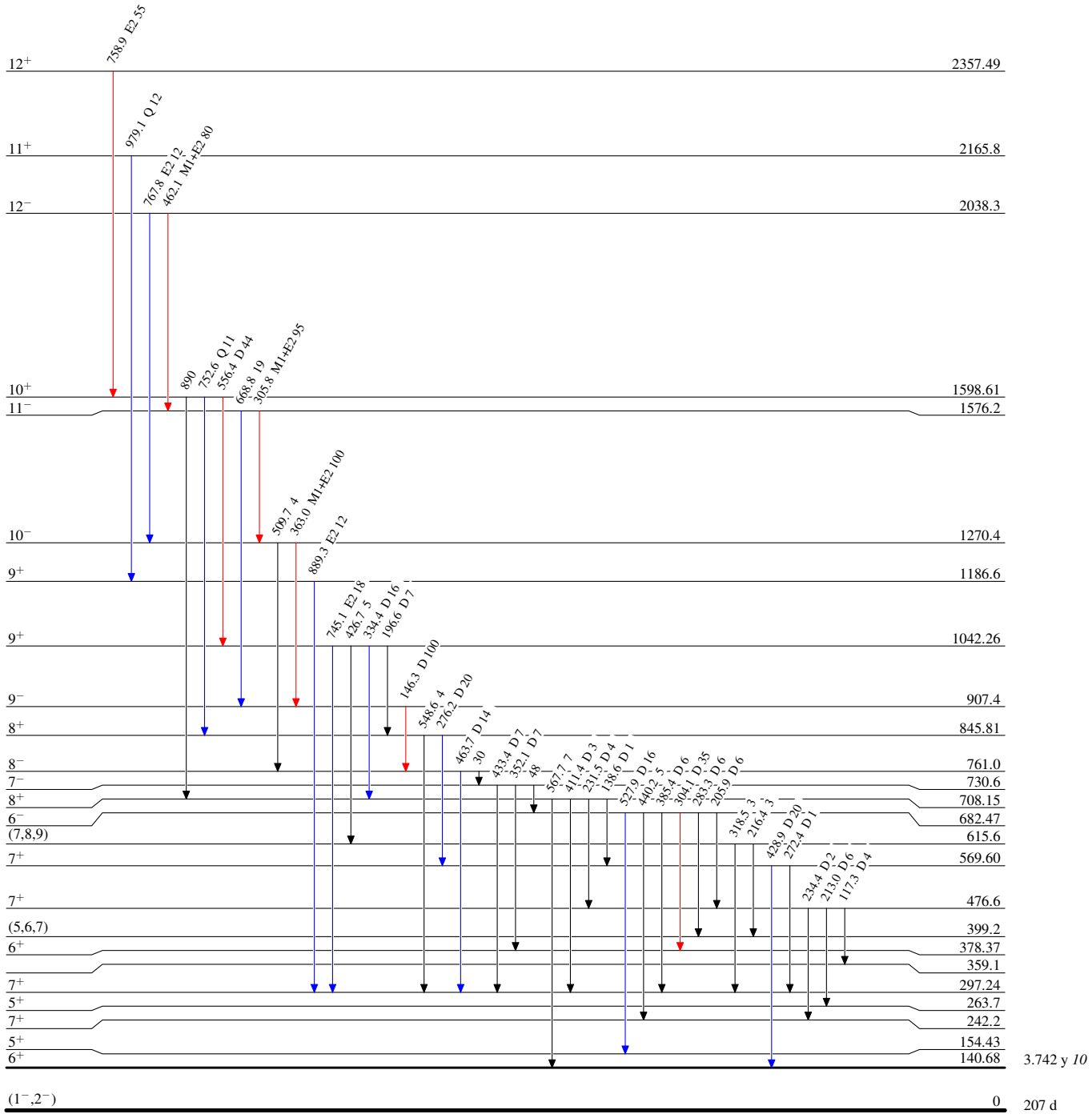
$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

Level Scheme (continued)

Intensities: Relative I_γ

Legend
$I_\gamma < 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$

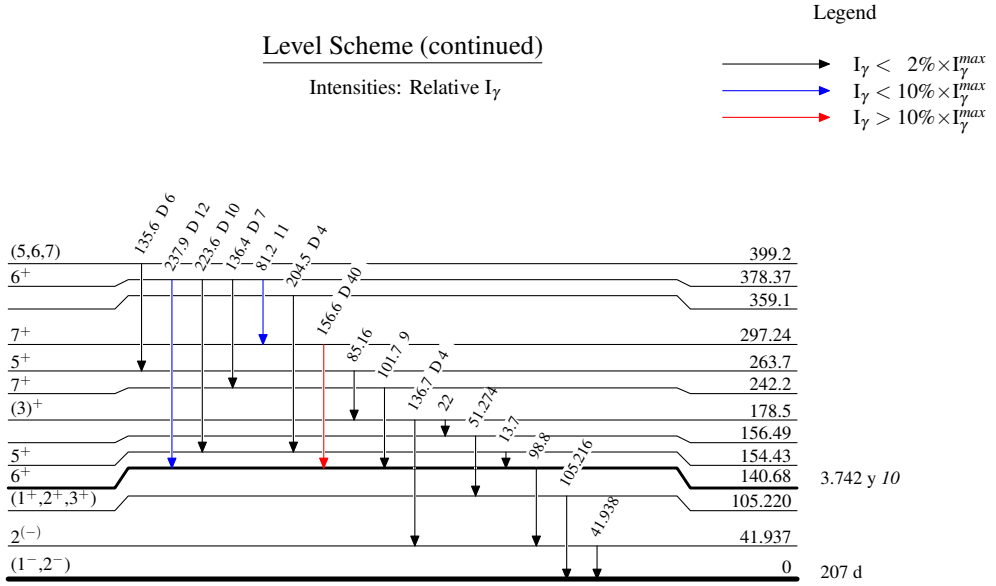


$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02

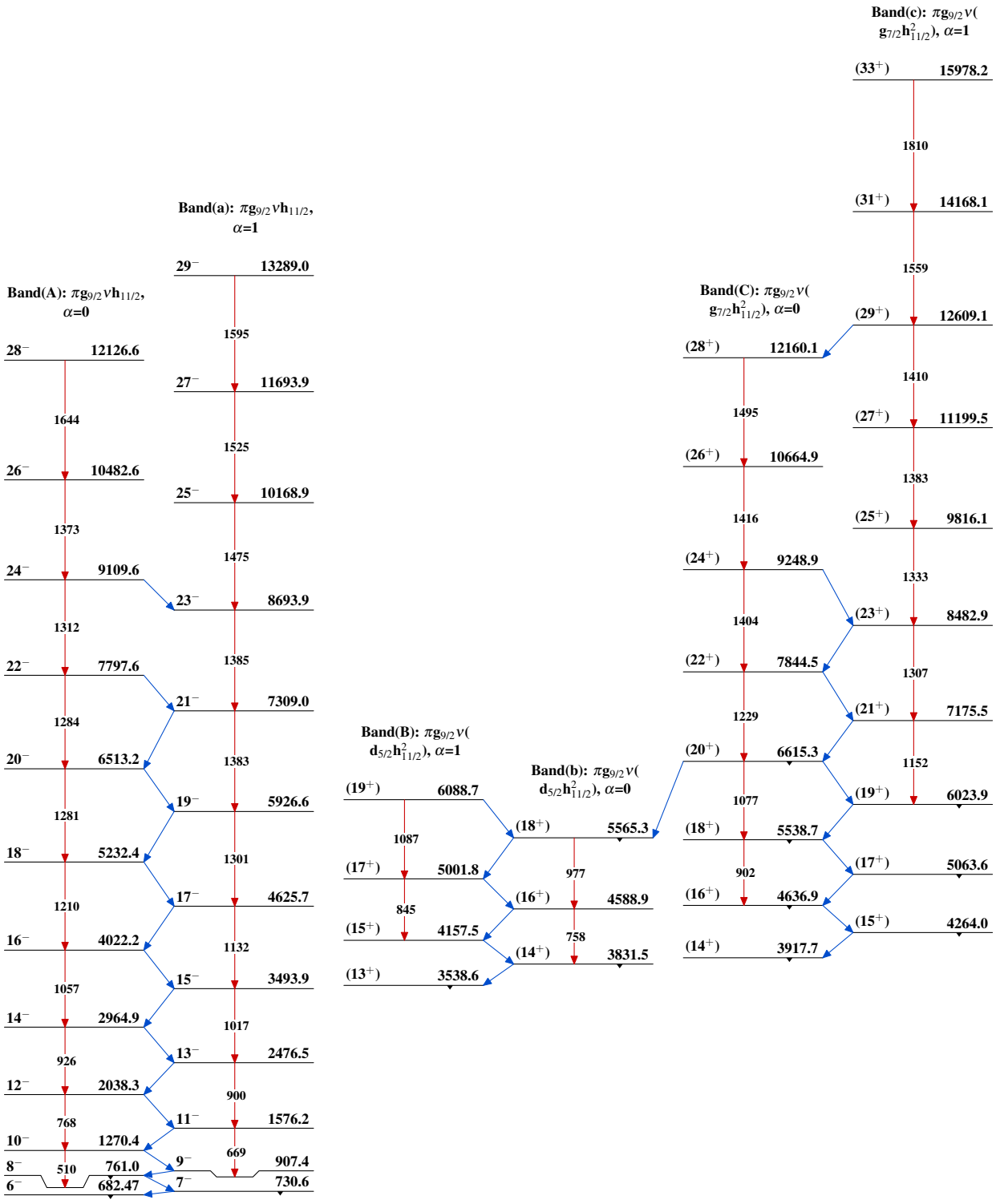
Level Scheme (continued)

Intensities: Relative I_γ



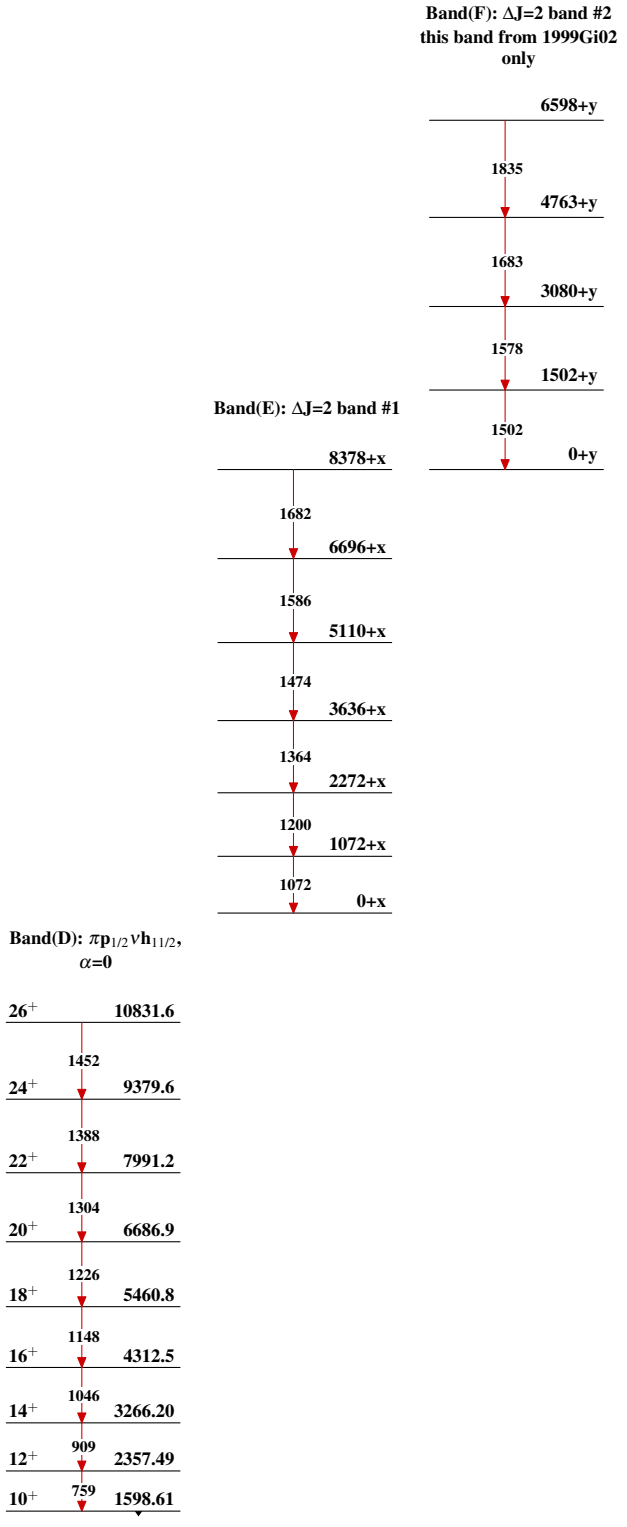
$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02



$^{102}_{45}Rh_{57}$

^{70}Zn(^{36}S,p3nγ) 1999Gi14,1999Gi02 (continued)



$^{102}_{45}Rh_{57}$