(HI,xnγ) 2004MoZT

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

The band structures and decay patterns are from 2004MoZT, which supersedes the preliminary band structures in 2003Mo22 and 2003MoZR; Eγ′s are from 2004MoZT; Iγ′s and DCO ratios are from 1997Ka21.

2003Mo22: ^{120}Sn(^{7}Li,5nγ) E=58 MeV; Compton suppressed Ge; γ, γγ-coin; presented band structures for the positive parity band (band 1) up to (23$^+$), in analogy with ^{120}I and ^{124}I. But no detailed Eγ, Iγ and multipolarities of the transitions are presented.

2004MoZT: from detailed analysis of 2003Mo22 data, presented extended band structures consisting of the positive-parity band 1 and band 10, and the negative-parity band 2 through band 9 without experimental details.

2003MoZR: band structures for band 1 through band 7 were presented preliminary; evaluator notes that the J^π(61.3-keV)=(2$^-$) and J^π(156-keV)=(4$^-$) were later corrected as 2$^+$ and 4$^+$, respectively, in 2004MoZT.

2004Mo09: presented systematic feature of the positive parity band for $^{116-126}$I. Discussed signature splittings and inversion for the favored and unfavored states in (π h$_{11/2}$)⊗(ν h$_{11/2}$) bands (relates band 1 in (HI,xnγ) for ^{122}I).

1997KA21: ^{116}Cd(^{11}B,5nγ) E=64 MeV, measured γγ-correlations, ^{110}Pd(^{16}O,3npγ) E=81 MeV, measured p-γ correlations, proposed band structures consisting of J^π=8$^-$ based band, J^π=9$^-$ based band and another band. J^π=9$^-$ based band is the same one to the band 1 (J^π=10$^+$ based) in 2003Mo22 and 2004MoZT, although the J^π changed and cascade order of γ′s reversed. The band structures proposed in 1997Ka21 are not reflected in this dataset.

1990Wu01: ^{116}Cd(^{11}B,5nγ) E(^{11}B)=65 MeV; Compton suppressed Ge; γ, γγ-coin; presented information on T$_{1/2}$=80 μs *8* isomer.

1984Qu02: ^{116}Cd(^{10}B,4nγ) E(^{10}B)=51 MeV, ^{118}Sn(^{7}Li,3nγ) E(^{7}Li)=34 MeV; semi γ, γγ-coin, γ(t), γ(θ), γ-ray excitation function; but no numerical γ information was presented by the authors.

^{122}I Levels

E(level)†	Jπ@	T$_{1/2}$	E(level)†	Jπ@	E(level)†	Jπ@
0.0	1$^+$		786.3 *5*	(8$^+$)	2333.8[g] *5*	(12$^-$)
61.3 *3*	(2$^+$)&		857.7 *6*	(7$^+$)	2355.8[c] *5*	(13$^-$)
90.59 *23*			1017.0 *4*	(9$^-$)	2502.2[f] *6*	
109.71 *22*			1068.2[i] *5*	(10$^-$)	2523.6[b] *5*	(14$^+$)
154.4 *3*			1091.9 *5*		2546.0[j] *6*	(13$^-$)
155.7 *3*	(4$^+$)[a]	16.6‡ ns	1108.7[d] *5*	(10$^-$)	2649.1[h] *5*	(13$^-$)
163.2 *3*			1166.2[b] *4*	(10$^+$)	2679.9[d] *5*	(14$^-$)
176.8 *4*			1208.9 *5*		2729.7[i] *5*	(14$^-$)
246.7 *3*			1244.0[e] *5*	(10$^-$)	2824.0[b] *5*	(15$^+$)
299.4 *4*			1260.2[j] *5*	(10$^-$)	2987.6[g] *5*	(14$^-$)
314.9 *4*	(7$^-$)	190‡ ns	1429.2[k] *7*	(7$^+$)	3007.9[b] *5*	(16$^+$)
343.0 *4*	(6$^+$)		1444.1[i] *5*	(11$^-$)	3045.9[e] *7*	(14$^-$)
356.7 *4*			1489.2[c] *5*	(11$^-$)	3052.0[j] *7*	(14$^-$)
379.4 *5*	(7$^-$)	80# μs *8*	1536.0[b] *5*	(11$^+$)	3216.3[i] *5*	(15$^-$)
389.9 *5*	(8$^+$)		1623.9[j] *5*	(11$^-$)	3290.3[f] *7*	
394.1 *4*	(8$^+$)	80# μs *8*	1719.9[f] *5*		3342.5[c] *6*	(15$^-$)
444.1[i] *5*	(8$^-$)	148‡ ns	1774.8[g] *5*	(10$^-$)	3406.0[h] *5*	(15$^-$)
453.1 *5*			1824.9[b] *5*	(12$^+$)	3597.4 *6*	(15$^-$)
458.3[d] *4*	(8$^-$)		1841.4[i] *5*	(12$^-$)	3641.6[d] *5*	(16$^-$)
502.1 *5*			1849.4[d] *5*	(12$^-$)	3649.2 *6*	(17$^+$)
519.2[e] *4*	(8$^-$)		2012.5[h] *5*	(11$^-$)	3674.1[i] *6*	(16$^-$)
534.4 *5*			2067.3[j] *6*	(12$^-$)	3774.0[g] *5*	(16$^-$)
581.3 *5*	(6$^+$)		2071.4[e] *6*	(12$^-$)	3949.3[b] *5*	(17$^+$)
717.5[i] *5*	(9$^-$)		2184.2[b] *5*	(13$^+$)	4166.7[c] *7*	(17$^-$)
731.7[k] *6*	(5$^+$)		2187.7[k] *7*	(9$^+$)	4204.7[h] *5*	(17$^-$)
746.0[c] *4*	(9$^-$)		2272.9[i] *5*	(13$^-$)	4217.1[b] *6*	(18$^+$)

(HI,xnγ) 2004MoZT (continued)

^{122}I Levels (continued)

E(level)†	Jπ@	E(level)†	Jπ@	E(level)†	Jπ@	E(level)†	Jπ@
4247.2[f] 7		4775.4 7		5460.2 8		7023.5[b] 8	(24+)
4517.2[g] 7	(18−)	4953.0[h] 6	(19−)	5493.4[b] 7	(22+)	8323.2[b] 9	
4605.4[d] 6	(18−)	5144.1[b] 6	(20+)	6008.1[g] 8			
4610.8 7		5220.0[g] 8	(20−)	6217.4[b] 8	(23+)		

† Calculated from the Eγ from 2004MoZT assuming ΔEγ=0.3 keV (evaluator).
‡ From γ-γ delayed coincidence spectrometry; no details are presented in 2003Mo22, 2004Mo09 and 2004MoZT.
# 1990Wu01 reported the $T_{1/2}$=80 μs isomer associated with γ rays with energies: 32.5-, 51.5-, 61.9-, 95.0-, 160.1-, 188.0-keV which were assigned in the decay of the 379.4- and 394.1-keV levels by 2003Mo22, 2004Mo09, 2004MoZT.
@ From 2004MoZT on the basis of DCO ratios and analogy with the band structures from ^{116}I through ^{126}I. No detailed information is available.
& From 2004MoZT. 2− was assigned in 2003Mo22 and 2003MoZR.
a From 2004MoZT. 4− was assigned in 2003Mo22 and 2003MoZR.
b Band(A): band 1 possible Configuration=(π $h_{11/2}$)⊗(ν $h_{11/2}$).
c Band(B): band 2 negative parity band based on (9−); α=1 partner of band 3.
d Band(C): band 3 negative parity band based on (8−); α=0.
e Band(D): band 4 negative parity band based on (8−).
f Band(E): band 5 band based on 1720-keV level.
g Band(F): band 6 negative parity band based on (10−); α=0.
h Band(G): band 7 negative parity band based on (11−); α=1 partner of band 6.
i Band(H): band 8 negative parity band based on (8−); ΔJ=1 band.
j Band(I): band 9 negative parity band based on (10−).
k Band(J): band 10 positive parity band based on (5+).

γ(^{122}I)

Eγ†	Ei(level)	J^π_i	E_f	J^π_f
10.1@ 3	389.9	(8+)	379.4	(7−)
13.6 3	176.8		163.2	
19.1 3	109.71		90.59	
22.4 3	176.8		154.4	
27.9 3	343.0	(6+)	314.9	(7−)
44.7 3	154.4		109.71	
46.0 3	155.7	(4+)	109.71	
51.0 3	394.1	(8+)	343.0	(6+)
52.7 3	299.4		246.7	
61.3 3	61.3	(2+)	0.0	1+
64.5 3	379.4	(7−)	314.9	(7−)
64.7 3	444.1	(8−)	379.4	(7−)
72.6 3	163.2		90.59	
74.2 3	1166.2	(10+)	1091.9	
79.2 3	581.3	(6+)	502.1	
83.6 3	246.7		163.2	
90.6 3	90.59		0.0	1+
92.3 3	246.7		154.4	
94.4 3	155.7	(4+)	61.3	(2+)
109.7 3	109.71		0.0	1+
122.6 3	299.4		176.8	

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(HI,xnγ) 2004MoZT (continued)

γ(^{122}I) (continued)

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[#]	Comments
132.4 *3*		3774.0	(16$^-$)	3641.6	(16$^-$)		
137.0 *3*		246.7		109.71			
143.4 *3*	82 *12*	458.3	(8$^-$)	314.9	(7$^-$)	D	Eγ=143.2 *4*; DCO ratio=0.61 *5*.
145.4 *3*		502.1		356.7			
149.0 *3*	16 *3*	1166.2	(10$^+$)	1017.0	(9$^-$)	D	Eγ=148.8 *4*; DCO ratio=0.77 *10*.
153.7 *3*		453.1		299.4			
159.3 *3*		314.9	(7$^-$)	155.7	(4$^+$)		
183.9 *3*	100 *8*	3007.9	(16$^+$)	2824.0	(15$^+$)	D	Eγ=183.6 *4*; DCO ratio=0.61 *5*.
187.2 *3*		343.0	(6$^+$)	155.7	(4$^+$)		
201.0 *3*		356.7		155.7	(4$^+$)		
204.3 *3*	81 *12*	519.2	(8$^-$)	314.9	(7$^-$)	D	Eγ=204.1 *4*; DCO ratio=0.54 *8*.
219.5 *3*		534.4		314.9	(7$^-$)		
226.8 *3*	46 *7*	746.0	(9$^-$)	519.2	(8$^-$)	D	Eγ=226.3 *4*; DCO ratio=0.62 *6*.
237.5 *3*		2012.5	(11$^-$)	1774.8	(10$^-$)		
238.4 *3*		581.3	(6$^+$)	343.0	(6$^+$)		
240.2 *3*		5460.2		5220.0	(20$^-$)		
267.8 *3*	13 *2*	4217.1	(18$^+$)	3949.3	(17$^+$)	D	Eγ=267.2 *4*; DCO ratio=0.59 *10*.
273.4 *3*		717.5	(9$^-$)	444.1	(8$^-$)		
276.4 *3*		857.7	(7$^+$)	581.3	(6$^+$)		
278.6 *3*		731.7	(5$^+$)	453.1			
287.7 *3*	53 *7*	746.0	(9$^-$)	458.3	(8$^-$)	D	Eγ=287.2 *4*; DCO ratio=0.44 *9*.
288.9 *3*	20 *3*	1824.9	(12$^+$)	1536.0	(11$^+$)	D	Eγ=288.4 *4*; DCO ratio=0.55 *11*.
300.4 *3*	84 *7*	2824.0	(15$^+$)	2523.6	(14$^+$)	D	Eγ=300.0 *4*; DCO ratio=0.54 *5*.
307.7 *3*		2987.6	(14$^-$)	2679.9	(14$^-$)		
315.3 *3*		2649.1	(13$^-$)	2333.8	(12$^-$)		
321.3 *3*		2333.8	(12$^-$)	2012.5	(11$^-$)		
324.2 *3*		2679.9	(14$^-$)	2355.8	(13$^-$)		
338.5 *3*		2987.6	(14$^-$)	2649.1	(13$^-$)		
339.4 *3*	43 *4*	2523.6	(14$^+$)	2184.2	(13$^+$)	D	Eγ=339.1 *4*; DCO ratio=0.56 *5*.
349.3 *3*	52 *4*	5493.4	(22$^+$)	5144.1	(20$^+$)	Q	Eγ=349.0 *4*; DCO ratio=1.03 *12*.
350.7 *3*		1068.2	(10$^-$)	717.5	(9$^-$)		
351.9 *3*		3949.3	(17$^+$)	3597.4	(15$^-$)		
359.3 *3*	90 *7*	2184.2	(13$^+$)	1824.9	(12$^+$)	D	Eγ=359.0 *4*; DCO ratio=0.50 *6*.
360.2 *3*	90 *7*	1849.4	(12$^-$)	1489.2	(11$^-$)	D	Eγ=359.0 *4*; DCO ratio=0.50 *6*.
362.8 *3*		1108.7	(10$^-$)	746.0	(9$^-$)		
363.7 *3*		1623.9	(11$^-$)	1260.2	(10$^-$)		
368.0 *3*		3774.0	(16$^-$)	3406.0	(15$^-$)		
370.0 *3*	59 *6*	1536.0	(11$^+$)	1166.2	(10$^+$)	D	Eγ=369.6 *4*; DCO ratio=0.60 *6*.
375.9 *3*		1444.1	(11$^-$)	1068.2	(10$^-$)		
380.3 *3*	100 *12*	1166.2	(10$^+$)	786.3	(8$^+$)	Q	Eγ=379.6 *4*; DCO ratio=1.04 *11*.
391.9 *3*	21 *3*	786.3	(8$^+$)	394.1	(8$^+$)	D,Q	Eγ=391.7 *4*; DCO ratio=0.89 *17*.
396.2 *3*	78 *10*	786.3	(8$^+$)	389.9	(8$^+$)	D,Q	Eγ=396.0 *4*; DCO ratio=1.06 *13*.
397.2 *3*		1841.4	(12$^-$)	1444.1	(11$^-$)		
405.4 *3*		1849.4	(12$^-$)	1444.1	(11$^-$)		
418.3 *3*		3406.0	(15$^-$)	2987.6	(14$^-$)		
420.0 *3*	33 *4*	1166.2	(10$^+$)	746.0	(9$^-$)	D	Eγ=419.7 *4*; DCO ratio=0.61 *7*.
430.7 *3*		4204.7	(17$^-$)	3774.0	(16$^-$)		
431.7 *3*		2272.9	(13$^-$)	1841.4	(12$^-$)		
443.4 *3*		2067.3	(12$^-$)	1623.9	(11$^-$)		
457.0 *3*		2729.7	(14$^-$)	2272.9	(13$^-$)		
457.8 *3*		3674.1	(16$^-$)	3216.3	(15$^-$)		
478.7 *3*		2546.0	(13$^-$)	2067.3	(12$^-$)		
484.3 *3*	28 *3*	3007.9	(16$^+$)	2523.6	(14$^+$)	Q	Eγ=484.1 *4*; DCO ratio=0.97 *15*.
486.5 *3*		3216.3	(15$^-$)	2729.7	(14$^-$)		
497.8 *3*		1017.0	(9$^-$)	519.2	(8$^-$)		
498.0 *3*		1244.0	(10$^-$)	746.0	(9$^-$)		

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(HI,xnγ) 2004MoZT (continued)

γ(^{122}I) (continued)

E_γ[†]	I_γ[‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[#]	Comments
506.0 *3*		3052.0	(14$^-$)	2546.0	(13$^-$)		
542.7 *3*		1260.2	(10$^-$)	717.5	(9$^-$)		
547.9 *3*		6008.1		5460.2			
555.7 *3*		1623.9	(11$^-$)	1068.2	(10$^-$)		
558.7 *3*	30 *5*	1017.0	(9$^-$)	458.3	(8$^-$)	D	Eγ=558.2 *4*; DCO ratio=0.55 *18*.
558.8 *3*		2333.8	(12$^-$)	1774.8	(10$^-$)		
611.1 *3*		1719.9		1108.7	(10$^-$)		
624.1 *3*		1068.2	(10$^-$)	444.1	(8$^-$)		
633.5 *3*		1091.9		458.3	(8$^-$)		
636.6 *3*		2649.1	(13$^-$)	2012.5	(11$^-$)		
639.8 *3*	73 *8*	2824.0	(15$^+$)	2184.2	(13$^+$)	Q	Eγ=639.7 *4*; DCO ratio=0.98 *12*.
641.3 *3*	38 *6*	3649.2	(17$^+$)	3007.9	(16$^+$)		Eγ=641.2 *4*.
648.2 *3*	39 *4*	2184.2	(13$^+$)	1536.0	(11$^+$)	Q	Eγ=648.0 *4*; DCO ratio=0.90 *14*.
650.5 *3*		1108.7	(10$^-$)	458.3	(8$^-$)		
653.8 *3*		2987.6	(14$^-$)	2333.8	(12$^-$)		
658.9 *3*	155 *10*	1824.9	(12$^+$)	1166.2	(10$^+$)	Q	Eγ=658.7 *4*; DCO ratio=1.07 *10*.
666.4 *3*		1774.8	(10$^-$)	1108.7	(10$^-$)		
689.8 *3*		1208.9		519.2	(8$^-$)		
697.5 *3*		1429.2	(7$^+$)	731.7	(5$^+$)		
698.8 *3*	100 *7*	2523.6	(14$^+$)	1824.9	(12$^+$)	Q	Eγ=698.6 *4*; DCO ratio=1.02 *10*.
702.1 *3*	14 *3*	1017.0	(9$^-$)	314.9	(7$^-$)	Q	Eγ=702.2 *4*; DCO ratio=1.16 *15*.
702.8 *3*		5220.0	(20$^-$)	4517.2	(18$^-$)		
702.9 *3*		1719.9		1017.0	(9$^-$)		
724.0 *3*	31 *4*	6217.4	(23$^+$)	5493.4	(22$^+$)	D	Eγ=723.5 *4*; DCO ratio=0.43 *7*.
724.8 *3*		1244.0	(10$^-$)	519.2	(8$^-$)		
726.6 *3*		1444.1	(11$^-$)	717.5	(9$^-$)		
732.5 *3*		1841.4	(12$^-$)	1108.7	(10$^-$)		
740.7 *3*		1849.4	(12$^-$)	1108.7	(10$^-$)		
743.3 *3*	38 *4*	1489.2	(11$^-$)	746.0	(9$^-$)	Q	Eγ=743.5 *4*; DCO ratio=1.22 *17* for (743.3γ+743.7γ).
743.7 *3*		4517.2	(18$^-$)	3774.0	(16$^-$)	(Q)	Eγ=743.5 *4*; DCO ratio=1.22 *17* for (743.3γ+743.7γ).
748.3 *3*		4953.0	(19$^-$)	4204.7	(17$^-$)		
756.8 *3*		3406.0	(15$^-$)	2649.1	(13$^-$)		
758.2 *3*		1774.8	(10$^-$)	1017.0	(9$^-$)		
758.5 *3*		2187.7	(9$^+$)	1429.2	(7$^+$)		
772.2 *3*	28 *4*	1166.2	(10$^+$)	394.1	(8$^+$)	Q	Eγ=772.3 *4*; DCO ratio=0.92 *14*.
773.1 *3*		1841.4	(12$^-$)	1068.2	(10$^-$)		
776.5 *3*	55 *6*	1166.2	(10$^+$)	389.9	(8$^+$)	Q	Eγ=776.2 *4*; DCO ratio=1.00 *11*.
776.9 *3*		1091.9		314.9	(7$^-$)		
781.3 *3*		1849.4	(12$^-$)	1068.2	(10$^-$)		
782.3 *3*		2502.2		1719.9			
786.3 *3*		3774.0	(16$^-$)	2987.6	(14$^-$)		
788.1 *3*		3290.3		2502.2			
788.1 *3*		6008.1		5220.0	(20$^-$)		
798.0 *3*		2333.8	(12$^-$)	1536.0	(11$^+$)		
798.7 *3*		4204.7	(17$^-$)	3406.0	(15$^-$)		
803.6[@] *3*		2987.6	(14$^-$)	2184.2	(13$^+$)		
803.7 *3*		2012.5	(11$^-$)	1208.9			
806.1 *3*	21 *3*	7023.5	(24$^+$)	6217.4	(23$^+$)	Q	Eγ=805.8 *4*; DCO ratio=1.03 *15*.
807.1 *3*		2067.3	(12$^-$)	1260.2	(10$^-$)		
816.1 *3*		1260.2	(10$^-$)	444.1	(8$^-$)		
824.2 *3*		4166.7	(17$^-$)	3342.5	(15$^-$)		
827.4 *3*		2071.4	(12$^-$)	1244.0	(10$^-$)		
828.9 *3*		2272.9	(13$^-$)	1444.1	(11$^-$)		
830.6 *3*		2679.9	(14$^-$)	1849.4	(12$^-$)		
838.3 *3*		2679.9	(14$^-$)	1841.4	(12$^-$)		

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(HI,xnγ) 2004MoZT (continued)

γ(^{122}I) (continued)

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Mult.[#]	Comments
866.6 *3*	13 *2*	2355.8	(13$^-$)	1489.2	(11$^-$)		Eγ=866.7 *4*.
868.0 *3*		4517.2	(18$^-$)	3649.2	(17$^+$)		this γ was shown as decaying from a separate level in decay scheme (2004MoZT), but evaluator assumes as decaying from the same level.
888.1 *3*		2729.7	(14$^-$)	1841.4	(12$^-$)		
922.1 *3*		2546.0	(13$^-$)	1623.9	(11$^-$)		
927.0 *3*	62 *6*	5144.1	(20$^+$)	4217.1	(18$^+$)	Q	Eγ=926.9 *4*; DCO ratio=1.00 *10*.
941.4 *3*	10 *1*	3949.3	(17$^+$)	3007.9	(16$^+$)		Eγ=941.1 *4*.
943.5 *3*		3216.3	(15$^-$)	2272.9	(13$^-$)		
944.3 *3*		3674.1	(16$^-$)	2729.7	(14$^-$)		
950.1 *3*		3774.0	(16$^-$)	2824.0	(15$^+$)		
956.9 *3*		4247.2		3290.3			
961.6 *3*		3641.6	(16$^-$)	2679.9	(14$^-$)		
961.6 *3*		4610.8		3649.2	(17$^+$)		
963.8 *3*		4605.4	(18$^-$)	3641.6	(16$^-$)		
974.5 *3*		3045.9	(14$^-$)	2071.4	(12$^-$)		
986.7 *3*	7 *2*	3342.5	(15$^-$)	2355.8	(13$^-$)		Eγ=986.2 *4*.
987.5 *3*		1774.8	(10$^-$)	786.3	(8$^+$)		E_γ: level energy difference=988.49 keV.
1073.8 *3*		3597.4	(15$^-$)	2523.6	(14$^+$)		
1125.3 *3*		3949.3	(17$^+$)	2824.0	(15$^+$)		
1126.2 *3*	9 *2*	4775.4		3649.2	(17$^+$)		Eγ=1125.4 *4*.
1209.2 *3*	54 *5*	4217.1	(18$^+$)	3007.9	(16$^+$)	Q	Eγ=54.5 *4*; DCO ratio=1.02 *13*.
1299.7 *3*	7 *1*	8323.2		7023.5	(24$^+$)	Q	Eγ=1299.5 *4*; DCO ratio=0.96 *20*.

[†] From 2004MoZT, ΔE=0.3 assumed by evaluator; Eγ′s from ^{116}Cd(^{10}B,5nγ) (1997Ka21) are included in gamma comments. Evaluator notes that Eγ>500 keV in 1997Ka21 are systematically lower by 0.2 to 0.3 keV.

[‡] Relative to I(698.6γ)=100 in ^{116}Cd(^{11}B,5nγ) at E=64 MeV (1997Ka21).

[#] From DCO ratios measured at four angles between 90° and 150° (1997Ka21) as given in gamma comments.

[@] Placement of transition in the level scheme is uncertain.

(HI,xnγ) 2004MoZT

Level Scheme

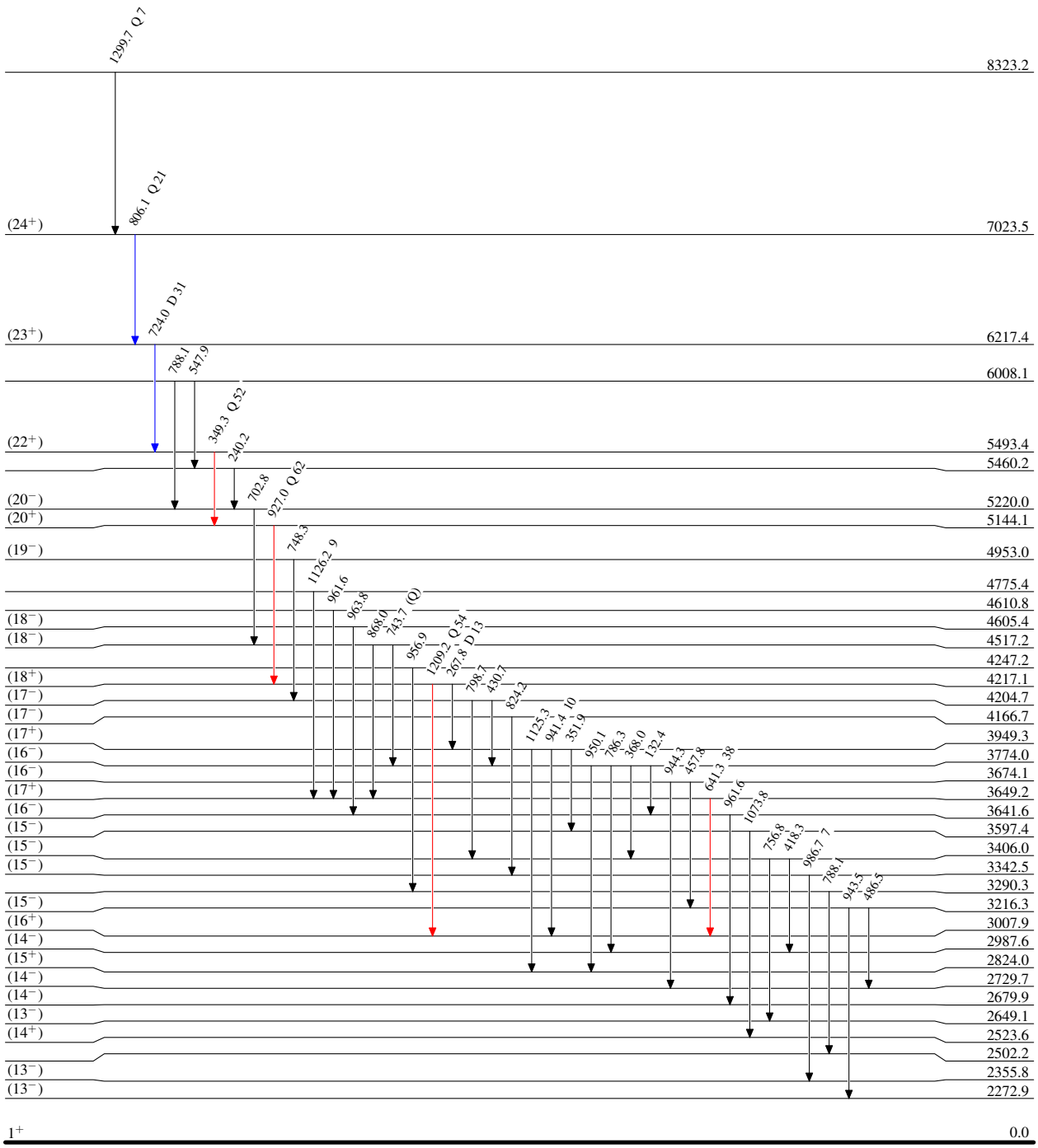
Intensities: Relative I_γ

Legend

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

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

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



$^{122}_{53}I_{69}$

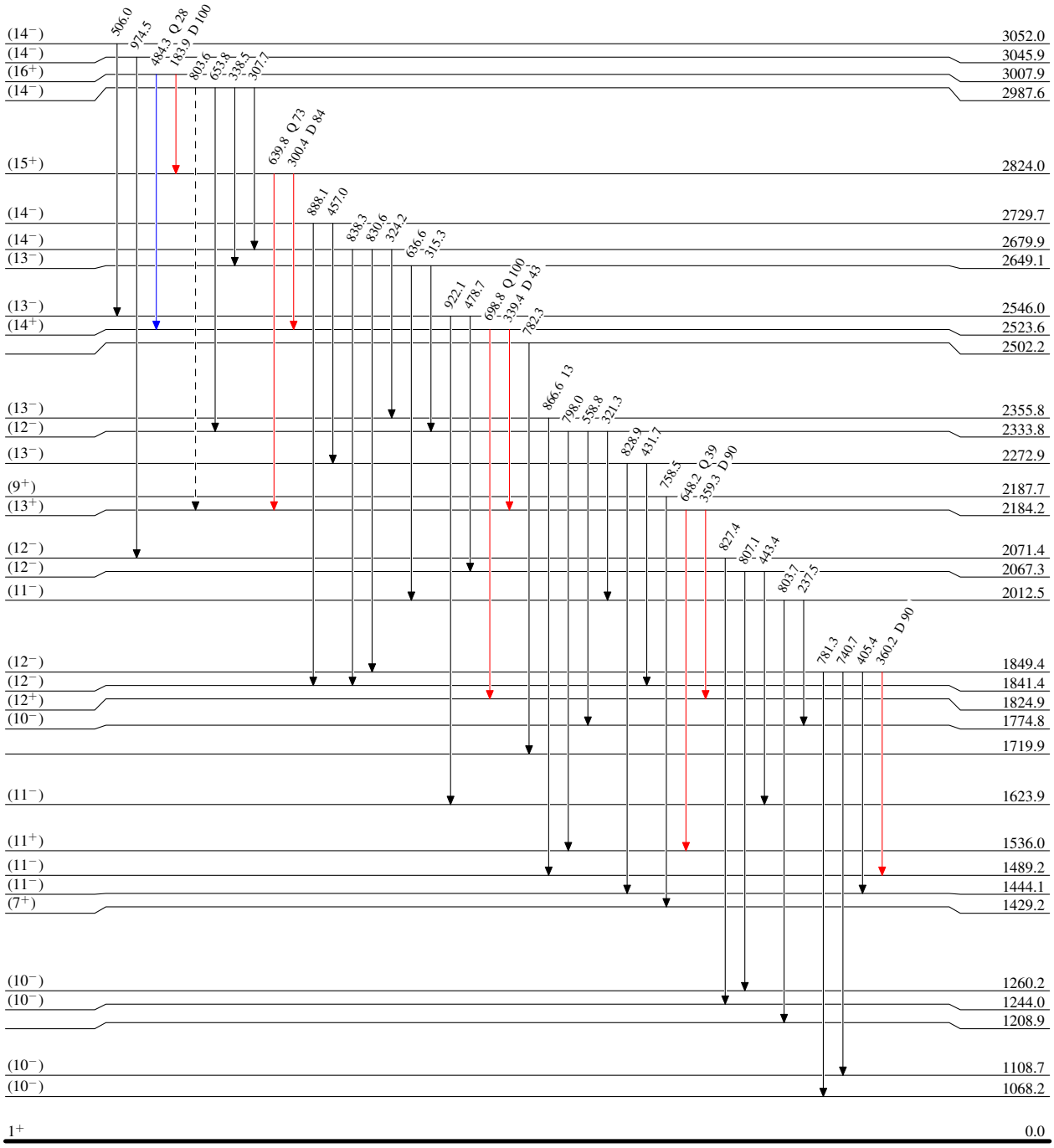
(HI,xnγ) 2004MoZT

Level Scheme (continued)

Intensities: Relative I_γ

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$
γ Decay (Uncertain)



$^{122}_{53}I_{69}$

(HI,xnγ) 2004MoZT

Level Scheme (continued)

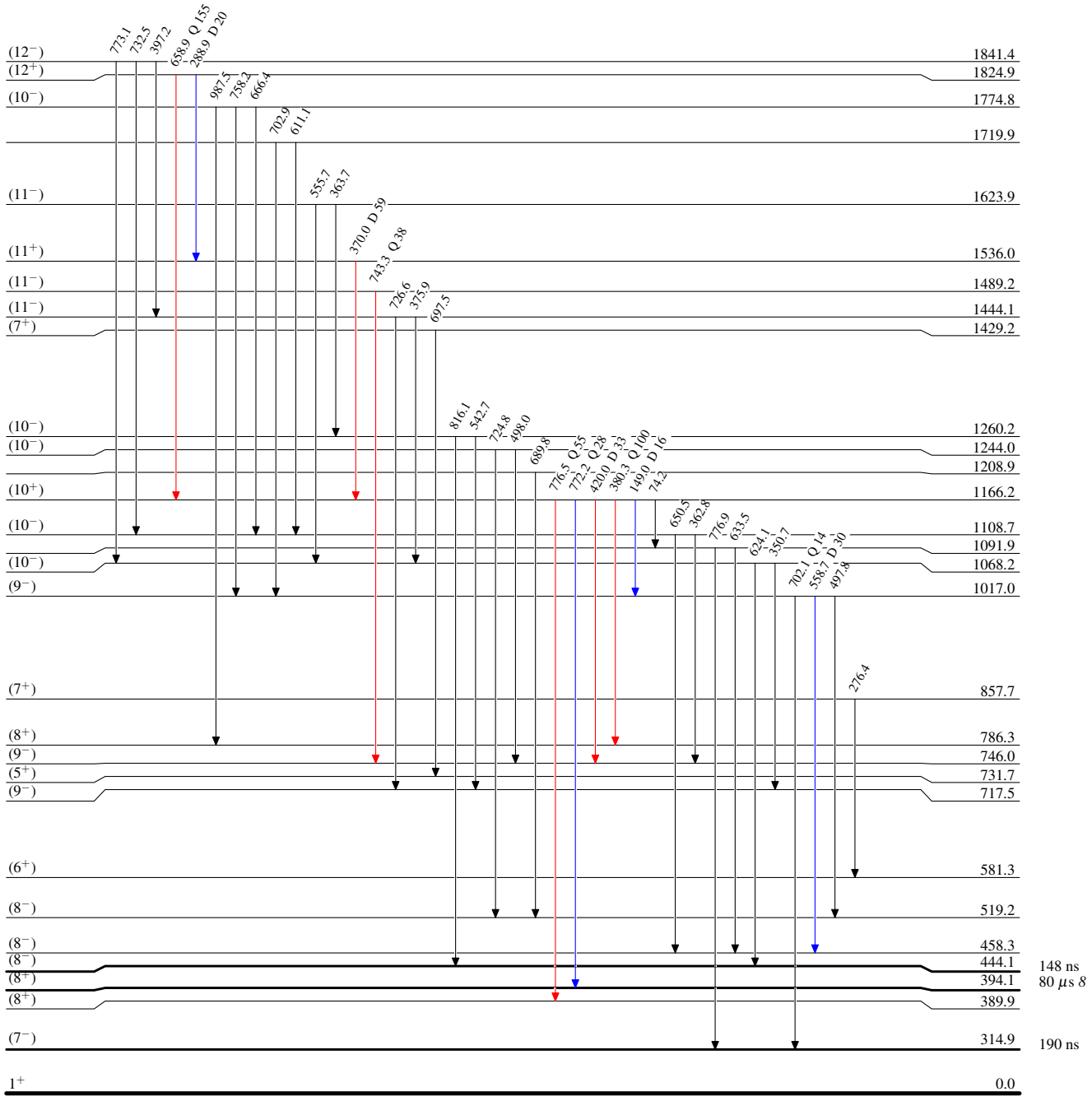
Intensities: Relative I_γ

Legend

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

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

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



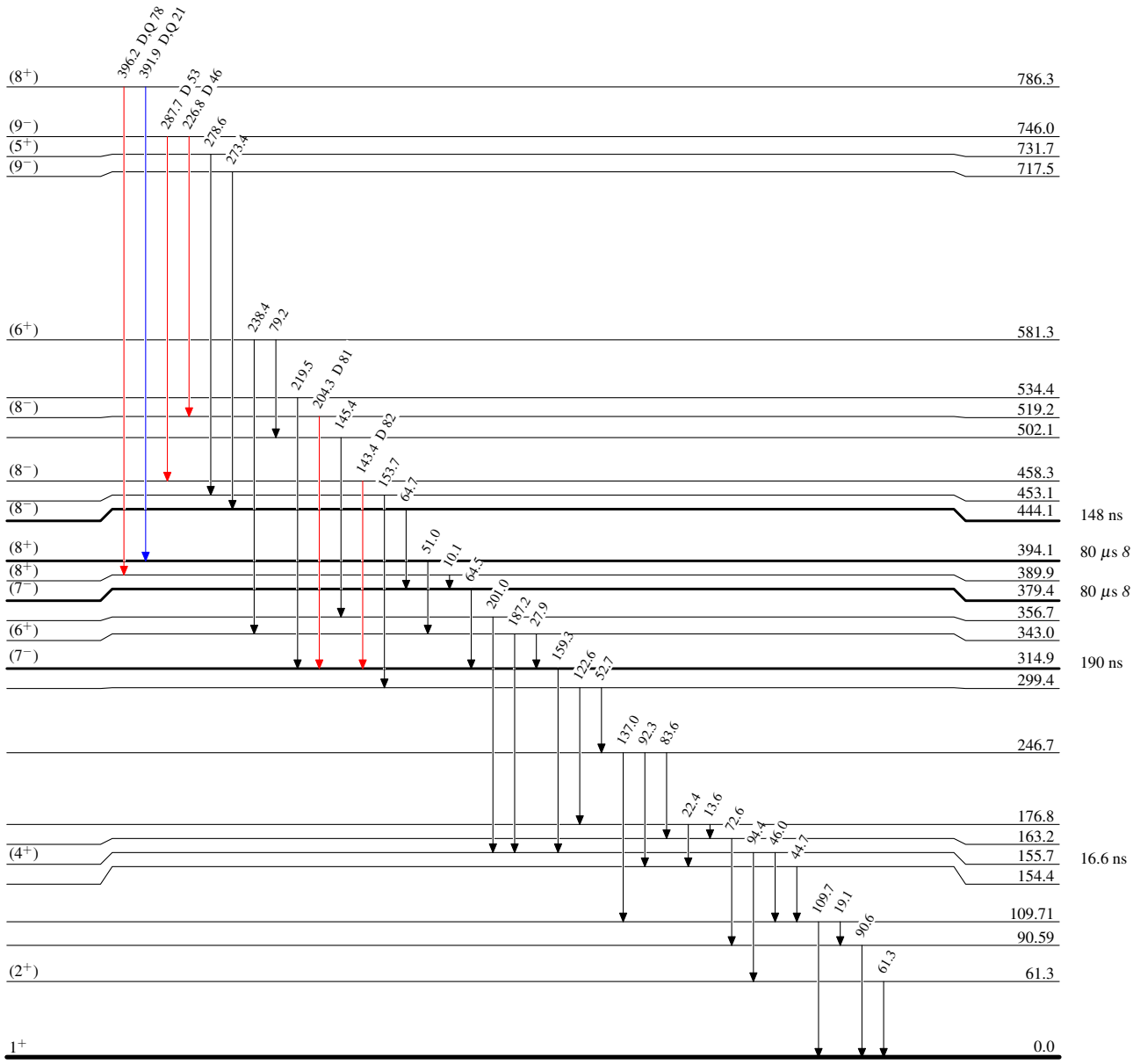
$^{122}_{53}I_{69}$

(HI,xnγ) 2004MoZT

Level Scheme (continued)

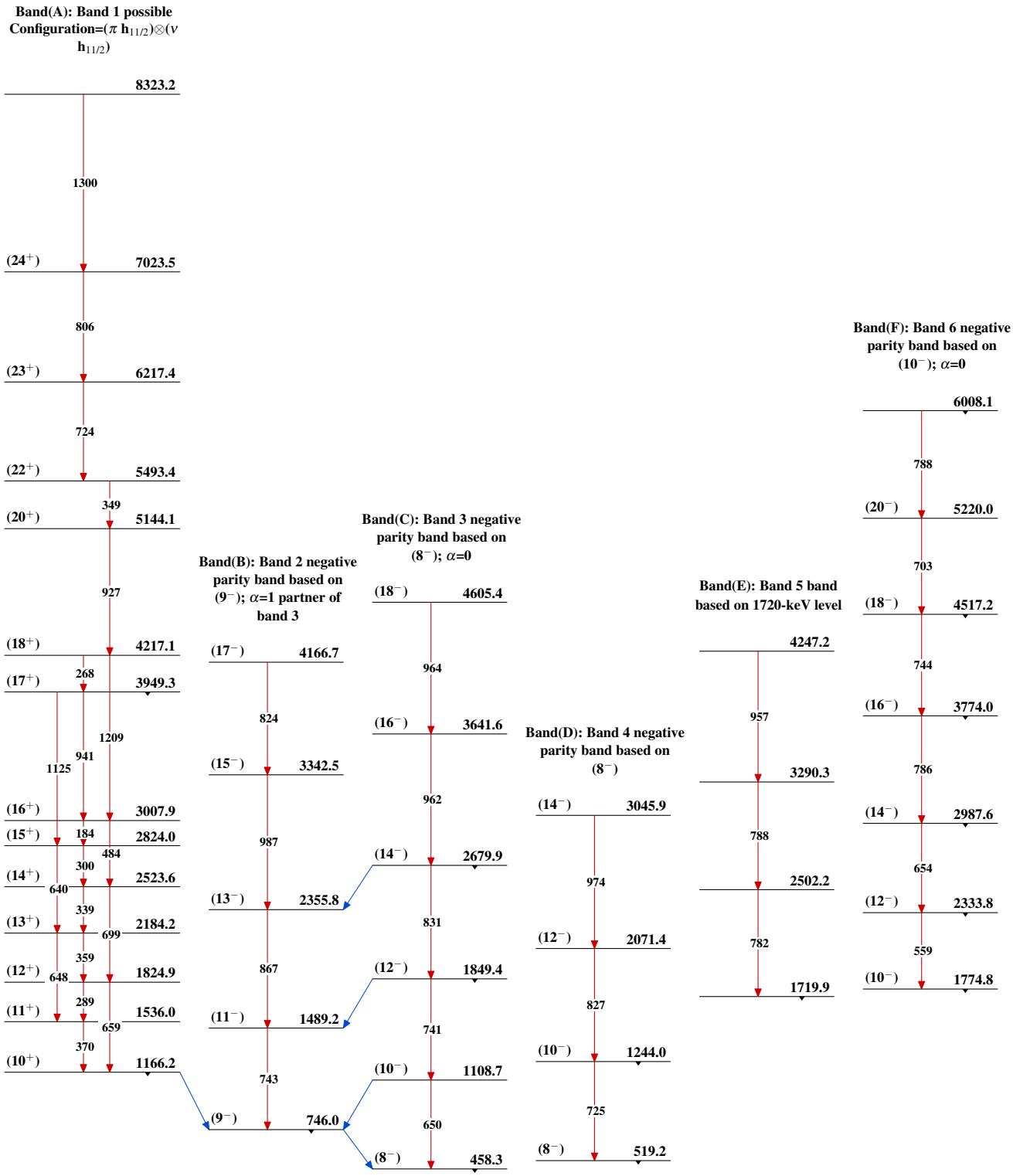
Intensities: Relative I_γ

Legend
- $I_\gamma < 2\% \times I_\gamma^{max}$
- $I_\gamma < 10\% \times I_\gamma^{max}$
- $I_\gamma > 10\% \times I_\gamma^{max}$
- γ Decay (Uncertain)



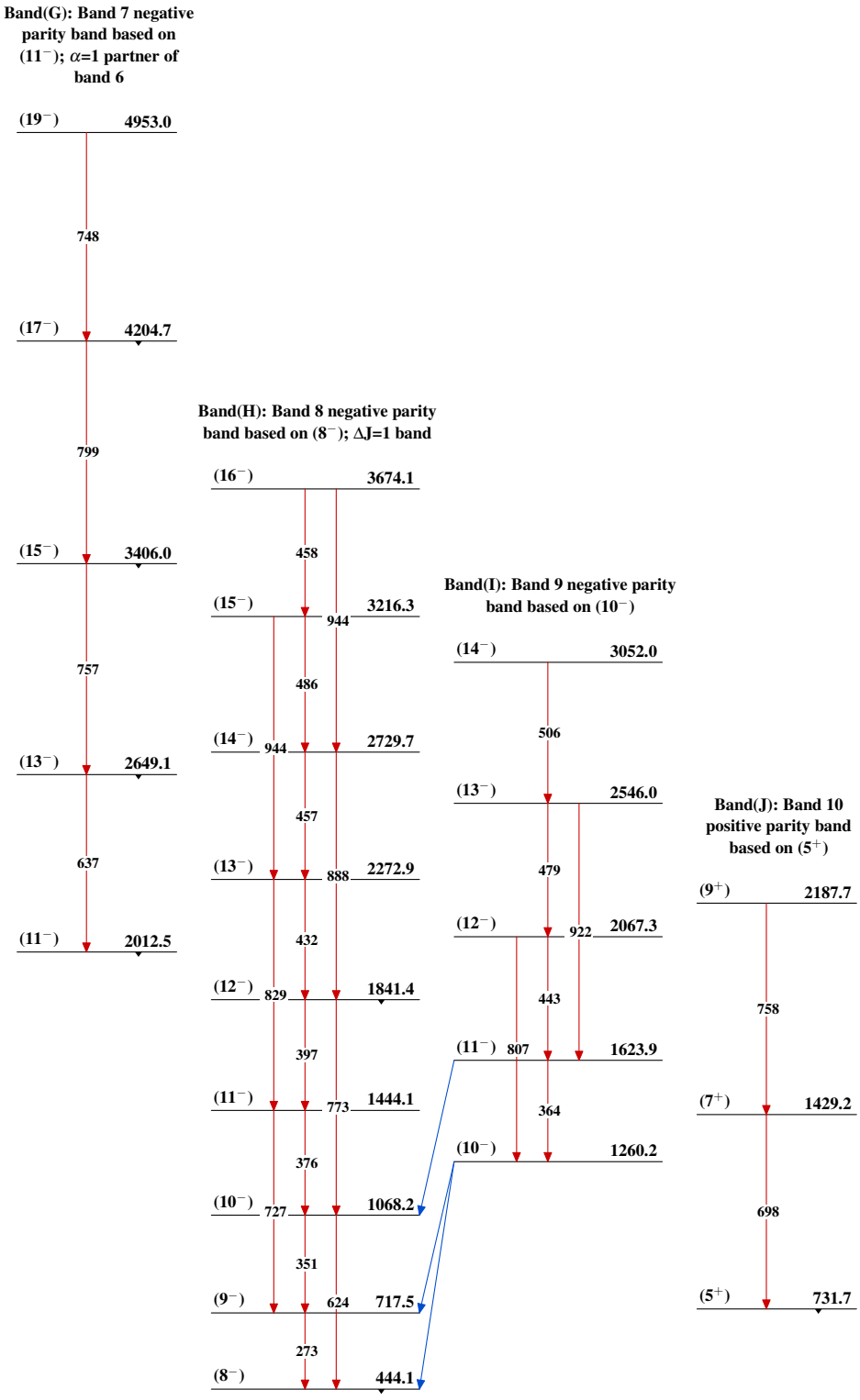
$^{122}_{53}I_{69}$

(HI,xnγ) 2004MoZT



$^{122}_{53}I_{69}$

(HI,xnγ) 2004MoZT (continued)



$^{122}_{53}I_{69}$