^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 109, 1103 (2008)	1-Mar-2008

J^π(target)=7/2$^-$.

2000Pr03: three-crystal pair spectrometer, FWHM≈5.5 keV At 6.5 MeV. calibration based on S(n) and pattern of primary transitions to several well-established low-lying levels; measured Eγ, Iγ for primary transitions.

1970Bo29: annihilation-pair spectrometer with high-resolution Ge(Li) detector, calibrated using ^{14}N(n,γ) reaction; measured Eγ, Iγ for primary transitions.

^{166}Ho Levels

E(level)[†]	J^π[‡]	Comments
54.2 *2*	2$^-$,5$^-$	
82.0 *10*	(1$^-$,6$^-$)	
170.9 *2*	3$^-$,4$^-$	
180.7 *2*	3$^-$,4$^-$	
190.7 *2*	3$^+$,4$^+$	
260.6 *2*	3$^+$,4$^+$	
263.6 *2*	2$^+$,5$^+$	
278.2? *10*	(1$^-$,6$^-$)	
295.7? *15*	1$^-$,6$^-$	
330.1 *10*	2$^-$,5$^-$	
348.2 *2*	2$^+$,5$^+$	
371.9 *2*	3$^+$,4$^+$	
416.3 *4*	2$^-$,5$^-$	
430.1 *2*	2$^+$,5$^+$	
452.0? *10*	(1$^-$,6$^-$)	
464.0 *5*	2$^+$,5$^+$	
470.7 *2*	2$^+$,5$^+$	
475.5 *10*	$^-$	
481.6 *2*	3$^+$,4$^+$	
521.9 *2*	3$^+$,4$^+$	
542.9 *10*	$^-$	
547.6 *2*	3$^+$,4$^+$	J^π: 2$^+$,5$^+$ from (2000Pr03) inconsistent with adopted J^π=4$^+$.
558.3 *2*	3$^+$,4$^+$	
562.5 *7*	$^-$	
592.0 *3*	3$^+$,4$^+$	
597.9 *3*	3$^+$,4$^+$	
604.8 *3*	2$^+$,5$^+$	
628.0 *10*	$^-$	
634.2? *25*	($^-$)	
634.20 *20*	(2$^+$,5$^+$)	
638.1 *15*	$^-$	
654.9 *5*	2$^+$,5$^+$	J^π: from 2000Pr03.
658.1 *15*	$^-$	
662.3 *5*	3$^+$,4$^+$	J^π: from 2000Pr03.
667.7 *10*	$^-$	
671.1 *5*	$^+$	
683.4 *3*	$^-$	
693.0? *25*	($^-$)	
693.00 *20*	(2$^+$,5$^+$)	
704.3 *3*	$^-$	
719.0 *2*	3$^+$,4$^+$	
725.8 *15*	$^-$	
736.0 *2*	3$^+$,4$^+$	
741.3 *4*	$^-$	

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^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03 (continued)

^{166}Ho Levels (continued)

E(level)†	Jπ‡	Comments
756.0 *10*	−	
759.0 *10*	−	
768.8 *3*	$2^+,5^+$	
771.3 *15*	−	
783.5 *15*	−	
789.5 *10*	−	
792.3 *10*	−	
805.8 *2*	$2^+,5^+$	
814.3 *2*	$3^+,4^+$	
823.7 *4*	−	
831.1 *2*	$2^+,5^+$	Jπ: from 2000Pr03; $(2^+,5^+)$ In 1970Bo29.
836.5 *15*	−	
858.1 *15*	−	
860.7 *15*	−	E=860.3 *8* from 2000Pr03; may be 858+861 doublet.
867.1 *15*	−	
868.7 *15*	−	E(level): E=869.5 *5*, $J^\pi=2^+,5^+$ In 2000Pr03 may be 867+869 doublet.
874.8 *15*	−	
878.6 *10*		
881.6 *15*		E=880.2 *1* from 2000Pr03 may be for 879+882 doublet.
884.2 *15*		Jπ: $2^+,5^+$ from 2000Pr03 differs from adopted value.
889.8 *3*	$3^+,4^+$	Jπ: from 2000Pr03.
902.2 *10*		
904.0 *5*	$2^+,5^+$	Jπ: from 2000Pr03.
924.4 *2*	$2^+,5^+$	Jπ: from 2000Pr03.
946.2 *7*	$2^+,5^+$	Jπ: from 2000Pr03.
950.6 *7*		
960.6 *3*	$3^+,4^+$	Jπ: from 2000Pr03.
976.1 *5*		
979.0 *10*		E=978.6 *5*, $J^\pi=3^+,4^+$ from 2000Pr03 may be 976+979 doublet.
984.6 *5*	$2^+,5^+$	Jπ: from 2000Pr03.
998.8 *5*		
1003.5 *3*		
1008.9 *3*		
1016.1 *10*		
1020.0 *15*		
1024.5 *15*		
1028.3 *4*		
1032.3 *7*		
1040.9 *15*		
1045.7 *15*		
1053.0 *2*		
1060.5 *2*		
1077.2 *2*		
1086.4 *3*		
1090.7 *15*		
1096.3 *10*		
1113.9 *2*		
1118.7 *10*		
1120.9 *15*		
1129.6 *7*		
1134.0 *15*		
1136.6 *10*		
1146.7 *5*		
1153.0 *5*		
1155.4 *15*		
1158.5 *10*		

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^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03 (continued)

^{166}Ho Levels (continued)

E(level)†	Jπ‡	Comments
1160.6 *10*		
(6242.6 *6*)	3⁻,4⁻	E(level): deduced from Eγ=6188.3 assuming E=54.2 for the first excited state of ^{166}Ho. This differs from S(n)=6243.64 *2* (2003Au03); all primary γ energies from 1970Bo29 appear to Be approximately 1 keV low. Jπ: assuming s-wave capture by Jπ=7/2⁻ target; p-wave capture is expected to Be relatively small (1970Bo29).

† From 1970Bo29, except As noted.

‡ The assignments are from 1970Bo29, except as noted. They are based on the measured reduced intensities in average resonance capture, coupled with empirical reduced intensities to final states with known Jπ values.

γ(^{166}Ho)

1970Bo29 and 2003Pr03 have measured the average γ spectrum that results when neutrons in a relatively broad band of energy (FWHM of the order of several hundred eV) are captured in many resonances. From the γ-ray line shapes, 1970Bo29 conclude that all the γ rays they observed are primary γ rays.

1970Bo29 state that their data suggested that more than six γ rays are present in the 5559.1γ-5584.4γ range.

E_γ†	I_γ‡	E_i(level)	J_i^π	E_f	J_f^π	Comments
5081.9 *12*	352 *10*	(6242.6)	3⁻,4⁻	1160.6		
5084.0 *12*	351 *10*	(6242.6)	3⁻,4⁻	1158.5		
5087.1 *16*	118 *47*	(6242.6)	3⁻,4⁻	1155.4		
5089.5 *8*	317 *32*	(6242.6)	3⁻,4⁻	1153.0		
5095.8 *8*	235 *47*	(6242.6)	3⁻,4⁻	1146.7		
5105.9 *12*	255 *25*	(6242.6)	3⁻,4⁻	1136.6		
5108.5 *16*	237 *47*	(6242.6)	3⁻,4⁻	1134.0		
5112.9 *9*	338 *23*	(6242.6)	3⁻,4⁻	1129.6		
5121.6 *16*	49 *17*	(6242.6)	3⁻,4⁻	1120.9		
5123.8 *12*	130 *32*	(6242.6)	3⁻,4⁻	1118.7		
5128.6 *6*	372 *18*	(6242.6)	3⁻,4⁻	1113.9		
5146.2 *12*	60 *3*	(6242.6)	3⁻,4⁻	1096.3		
5151.8 *16*	48 *16*	(6242.6)	3⁻,4⁻	1090.7		
5156.1 *7*	281 *14*	(6242.6)	3⁻,4⁻	1086.4		
5165.3 *6*	112 *5*	(6242.6)	3⁻,4⁻	1077.2		
5182.0 *6*	510 *25*	(6242.6)	3⁻,4⁻	1060.5		
5189.5 *6*	351 *17*	(6242.6)	3⁻,4⁻	1053.0		
5196.8 *16*	30 *10*	(6242.6)	3⁻,4⁻	1045.7		
5201.6 *16*	20 *5*	(6242.6)	3⁻,4⁻	1040.9		
5210.2 *9*	271 *41*	(6242.6)	3⁻,4⁻	1032.3		
5214.2 *7*	676 *10*	(6242.6)	3⁻,4⁻	1028.3		
5218.0 *16*	122 *42*	(6242.6)	3⁻,4⁻	1024.5		
5222.5 *16*	63 *22*	(6242.6)	3⁻,4⁻	1020.0		
5226.4 *12*	71 *14*	(6242.6)	3⁻,4⁻	1016.1		
5233.6 *7*	272 *13*	(6242.6)	3⁻,4⁻	1008.9		
5239.0 *7*	321 *16*	(6242.6)	3⁻,4⁻	1003.5		
5243.7 *8*	132 *13*	(6242.6)	3⁻,4⁻	998.8		
5257.9 *8*	182 *13*	(6242.6)	3⁻,4⁻	984.6	2⁺,5⁺	Eγ=5258.8 *6*, Iγ/Eγ^5=63 *10* (2000Pr03).
5263.5 *12*	170 *25*	(6242.6)	3⁻,4⁻	979.0		Eγ=5265.1 *5*, Iγ/Eγ^5=91 *10* (2000Pr03).
5266.4 *8*	284 *20*	(6242.6)	3⁻,4⁻	976.1		
5281.9 *7*	302 *15*	(6242.6)	3⁻,4⁻	960.6	3⁺,4⁺	Eγ=5282.5 *3*, Iγ/Eγ^5=96 *8* (2000Pr03).
5291.9 *9*	77 *8*	(6242.6)	3⁻,4⁻	950.6		
5296.3 *9*	109 *11*	(6242.6)	3⁻,4⁻	946.2	2⁺,5⁺	Eγ=5296.6 *5*, Iγ/Eγ^5=51 *6* (2000Pr03).

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^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03 (continued)

γ(^{166}Ho) (continued)

E_γ[†]	I_γ[‡]	E_i(level)	J_i^π	E_f	J_f^π	Comments
5318.1 *6*	192 *10*	(6242.6)	3⁻,4⁻	924.4	2⁺,5⁺	Eγ=5318.5 *4*, Iγ/Eγ^5=71 *6* (2000Pr03).
5338.5 *8*	165 *50*	(6242.6)	3⁻,4⁻	904.0	2⁺,5⁺	Eγ=5338.5 *3*, Iγ/Eγ^5=83 *6* (2000Pr03).
5340.3 *12*	119 *36*	(6242.6)	3⁻,4⁻	902.2		
5352.7 *7*	322 *16*	(6242.6)	3⁻,4⁻	889.8	3⁺,4⁺	Eγ=5352.9 *3*, Iγ/Eγ^5=119 *8* (2000Pr03).
5358.3 *16*	112 *39*	(6242.6)	3⁻,4⁻	884.2		Eγ=5358.8 *1*, Iγ/Eγ^5=39 *9* (2000Pr03).
5360.9 *16*	115 *46*	(6242.6)	3⁻,4⁻	881.6		Eγ=5363.5 *1*, Iγ/Eγ^5=39 *6* (2000Pr03).
5363.9 *12*	106 *26*	(6242.6)	3⁻,4⁻	878.6		
5367.7 *16*	50 *20*	(6242.6)	3⁻,4⁻	874.8	−	
5373.8 *16*	63 *17*	(6242.6)	3⁻,4⁻	868.7	−	Eγ=5384.2 *5*, Iγ/Eγ^5=59 *6* (2000Pr03).
5375.4 *16*	65 *17*	(6242.6)	3⁻,4⁻	867.1	−	
5381.8 *16*	18 *5*	(6242.6)	3⁻,4⁻	860.7	−	Eγ=5383.4 *8*, Iγ/Eγ^5=36 *5* (2000Pr03).
5384.4 *16*	27 *6*	(6242.6)	3⁻,4⁻	858.1	−	
5406.0 *16*	47 *12*	(6242.6)	3⁻,4⁻	836.5	−	Eγ=5406.7 *13*, Iγ/Eγ^5=29 *12* (2000Pr03).
5411.4 *6*	252 *7*	(6242.6)	3⁻,4⁻	831.1	2⁺,5⁺	Eγ=5411.8 *7*, Iγ/Eγ^5=67 *12* (2000Pr03).
5418.8 *7*	91 *6*	(6242.6)	3⁻,4⁻	823.7	−	Eγ=5419.1 *1*, Iγ/Eγ^5=32 *6* (2000Pr03).
5428.2 *6*	416 *12*	(6242.6)	3⁻,4⁻	814.3	3⁺,4⁺	Eγ=5428.7 *2*, Iγ/Eγ^5=106 *6* (2000Pr03).
5436.7 *6*	225 *7*	(6242.6)	3⁻,4⁻	805.8	2⁺,5⁺	Eγ=5437.8 *4*, Iγ/Eγ^5=53 *5* (2000Pr03).
5450.2 *12*	94 *20*	(6242.6)	3⁻,4⁻	792.3	−	Eγ=5450.7 *1*, Iγ/Eγ^5=30 *9* (2000Pr03).
5453.0 *12*	86 *20*	(6242.6)	3⁻,4⁻	789.5	−	Eγ=5455.2 *7*, Iγ/Eγ^5=32 *8* (2000Pr03).
5459.0 *16*		(6242.6)	3⁻,4⁻	783.5	−	Eγ=5462.1 *10*, Iγ/Eγ^5=13 *5* (2000Pr03).
5471.2 *16*	51 *20*	(6242.6)	3⁻,4⁻	771.3	−	
5473.7 *7*	199 *10*	(6242.6)	3⁻,4⁻	768.8	2⁺,5⁺	Eγ=5473.8 *3*, Iγ/Eγ^5=72 *6* (2000Pr03).
5483.5 *12*	75 *20*	(6242.6)	3⁻,4⁻	759.0	−	Eγ=5484.2 *1*, Iγ/Eγ^5=17 *11* (2000Pr03).
5486.5 *12*	50 *20*	(6242.6)	3⁻,4⁻	756.0	−	Eγ=5486.0 *1*, Iγ/Eγ^5=22 *11* (2000Pr03).
5501.2 *7*	93 *18*	(6242.6)	3⁻,4⁻	741.3	−	Eγ=5501.6 *1*, Iγ/Eγ^5=32 *6* (2000Pr03).
5506.5 *6*	380 *11*	(6242.6)	3⁻,4⁻	736.0	3⁺,4⁺	Eγ=5507.2 *3*, Iγ/Eγ^5=87 *6* (2000Pr03).
5516.7 *16*	30 *7*	(6242.6)	3⁻,4⁻	725.8	−	
5523.5 *6*	367 *11*	(6242.6)	3⁻,4⁻	719.0	3⁺,4⁺	Eγ=5524.0 *3*, Iγ/Eγ^5=99 *7* (2000Pr03).
5538.2 *7*	76 *5*	(6242.6)	3⁻,4⁻	704.3	−	Eγ=5538.2 *10*, Iγ/Eγ^5=14 *4* (2000Pr03).
5549.5[#] *6*	267 *8*	(6242.6)	3⁻,4⁻	693.00	(2⁺,5⁺)	Eγ=5550.4 *3*, Iγ/Eγ^5=78 *5* (2000Pr03).
5559.1 *7*	94 *6*	(6242.6)	3⁻,4⁻	683.4	−	Eγ=5562.4 *9*, Iγ/Eγ^5=26 *4* (2000Pr03).
5571.4 *8*	358 *15*	(6242.6)	3⁻,4⁻	671.1	+	Eγ=5571.5 *7*, Iγ/Eγ^5=84 *13* (2000Pr03).
5574.8 *12*	39 *10*	(6242.6)	3⁻,4⁻	667.7	−	Eγ=5576.2 *10*, Iγ/Eγ^5=25 *12* (2000Pr03).
5580.2 *8*	399 *20*	(6242.6)	3⁻,4⁻	662.3	3⁺,4⁺	Eγ=5581.8 *9*, Iγ/Eγ^5=95 *13* (2000Pr03).
5584.4 *16*		(6242.6)	3⁻,4⁻	658.1	−	
5587.6 *8*	279 *15*	(6242.6)	3⁻,4⁻	654.9	2⁺,5⁺	Eγ=5588.8 *5*, Iγ/Eγ^5=54 *8* (2000Pr03).
5604.4 *16*	17 *10*	(6242.6)	3⁻,4⁻	638.1	−	Eγ=5605.5 *1*, Iγ/Eγ^5=20 *9* (2000Pr03).
5608.3[#] *6*	360 *18*	(6242.6)	3⁻,4⁻	634.20	(2⁺,5⁺)	Eγ=5610.1 *6*, Iγ/Eγ^5=68 *9* (2000Pr03).
5614.5 *12*	17 *9*	(6242.6)	3⁻,4⁻	628.0	−	Eγ=5615.3 *1*, Iγ/Eγ^5=12 *8* (2000Pr03).
5637.7 *7*	247 *12*	(6242.6)	3⁻,4⁻	604.8	2⁺,5⁺	Eγ=5638.1 *4*, Iγ/Eγ^5=59 *5* (2000Pr03).
5644.6 *7*	493 *25*	(6242.6)	3⁻,4⁻	597.9	3⁺,4⁺	Eγ=5645.2 *1*, Iγ/Eγ^5=106 *10* (2000Pr03).
5650.5 *7*	524 *25*	(6242.6)	3⁻,4⁻	592.0	3⁺,4⁺	Eγ=5651.2 *2*, Iγ/Eγ^5=139 *8* (2000Pr03).
5680.0 *9*	69 *17*	(6242.6)	3⁻,4⁻	562.5	−	Eγ=5681.1 *10*, Iγ/Eγ^5=25 *13* (2000Pr03).
5684.2 *6*	450 *13*	(6242.6)	3⁻,4⁻	558.3	3⁺,4⁺	Eγ=5685.7 *6*, Iγ/Eγ^5=96 *13* (2000Pr03).
5694.9 *6*	374 *12*	(6242.6)	3⁻,4⁻	547.6	3⁺,4⁺	Eγ=5695.7 *1*, Iγ/Eγ^5=71 *7* (2000Pr03).
5699.6 *12*	36 *12*	(6242.6)	3⁻,4⁻	542.9	−	Eγ=5700.0 *1*, Iγ/Eγ^5=18 *5* (2000Pr03).
5720.6 *6*	480 *15*	(6242.6)	3⁻,4⁻	521.9	3⁺,4⁺	Eγ=5721.9 *2*, Iγ/Eγ^5=110 *7* (2000Pr03).
5760.9 *6*	352 *7*	(6242.6)	3⁻,4⁻	481.6	3⁺,4⁺	Eγ=5762.0 *3*, Iγ/Eγ^5=83 *5* (2000Pr03).
5767.0 *12*	82 *16*	(6242.6)	3⁻,4⁻	475.5	−	Eγ=5768.0 *1*, Iγ/Eγ^5=28 *8* (2000Pr03).
5771.8 *6*	326 *23*	(6242.6)	3⁻,4⁻	470.7	2⁺,5⁺	Eγ=5772.8 *1*, Iγ/Eγ^5=66 *8* (2000Pr03).
5778.5 *8*	187 *13*	(6242.6)	3⁻,4⁻	464.0	2⁺,5⁺	Eγ=5779.3 *4*, Iγ/Eγ^5=63 *6* (2000Pr03).
5790.5 *12*	11 *4*	(6242.6)	3⁻,4⁻	452.0?	(1⁻,6⁻)	
5812.4 *6*	293 *5*	(6242.6)	3⁻,4⁻	430.1	2⁺,5⁺	Eγ=5813.5 *2*, Iγ/Eγ^5=72 *4* (2000Pr03).

^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03 (continued)

γ(^{166}Ho) (continued)

E_γ[†]	I_γ[‡]	E_i(level)	J_i^π	E_f	J_f^π	Comments
5826.2 *7*	46 *5*	(6242.6)	3^-,4^-	416.3	2^-,5^-	Eγ=5827.6 *1*, Iγ/Eγ^5=13 *2* (2000Pr03).
5870.6 *6*	648 *12*	(6242.6)	3^-,4^-	371.9	3^+,4^+	Eγ=5871.9 *2*, Iγ/Eγ^5=124 *5* (2000Pr03).

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^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03 (continued)

γ(^{166}Ho) (continued)

E_γ [†]	I_γ [‡]	E_i(level)	J_i^π	E_f	J_f^π	Comments
5894.3 *6*	332 *9*	(6242.6)	3⁻,4⁻	348.2	2⁺,5⁺	Eγ=5895.3 *2*, Iγ/Eγ^5=75 *5* (2000Pr03).
5912.4 *12*	47 *5*	(6242.6)	3⁻,4⁻	330.1	2⁻,5⁻	Eγ=5914.0 *5*, Iγ/Eγ^5=24 *4* (2000Pr03).
5946.8[@] *16*	11 *4*	(6242.6)	3⁻,4⁻	295.7?	1⁻,6⁻	
5964.3[@] *12*	10 *3*	(6242.6)	3⁻,4⁻	278.2?	(1⁻,6⁻)	
5978.9 *6*	243 *45*	(6242.6)	3⁻,4⁻	263.6	2⁺,5⁺	Eγ=5979.9 *1*, Iγ/Eγ^5=45 *6* (2000Pr03).
5981.9 *6*	570 *40*	(6242.6)	3⁻,4⁻	260.6	3⁺,4⁺	Eγ=5983.0 *1*, Iγ/Eγ^5=112 *6* (2000Pr03).
6051.8 *6*	585 *17*	(6242.6)	3⁻,4⁻	190.7	3⁺,4⁺	Eγ=6052.5 *2*, Iγ/Eγ^5=122 *5* (2000Pr03).
6061.8 *6*	136 *6*	(6242.6)	3⁻,4⁻	180.7	3⁻,4⁻	Eγ=6063.4 *7*, Iγ/Eγ^5=20 *3* (2000Pr03).
6071.6 *6*	89 *4*	(6242.6)	3⁻,4⁻	170.9	3⁻,4⁻	Eγ=6072.9 *5*, Iγ/Eγ^5=23 *3* (2000Pr03).
6160.5 *12*	6 *3*	(6242.6)	3⁻,4⁻	82.0	(1⁻,6⁻)	
6188.3 *6*	73 *3*	(6242.6)	3⁻,4⁻	54.2	2⁻,5⁻	Eγ=6189.8 *4*, Iγ/Eγ^5=17 *2* (2000Pr03).

[†] From 1970Bo29; the authors have corrected for the 0.65 keV shift due to the non-zero energies of the captured resonance neutrons; thus, the energies they reported are those that would be expected in thermal-neutron capture. However, they are consistently lower than the similarly-corrected Eγ from 2000Pr03 by about 1 keV. Uncertainties include 0.6 keV systematic uncertainty.

[‡] Relative reduced photon intensity, Iγ$E\gamma^{-3}$, from 1970Bo29 for a ^{10}B absorber thickness of 0.107 g/cm^2; see 1970Bo29 for reduced intensities for ^{10}B absorber thicknesses of 0.036 and 0.418 g/cm^2. Relative reduced intensities from 2000Pr03, defined instead As Iγ$E\gamma^{-5}$, are given In comments; values for M1 transitions are about a factor of 6 lower than those for E1 transitions.

[#] Probably a doublet.

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

^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03

Level Scheme

Intensities: Relative I_γ

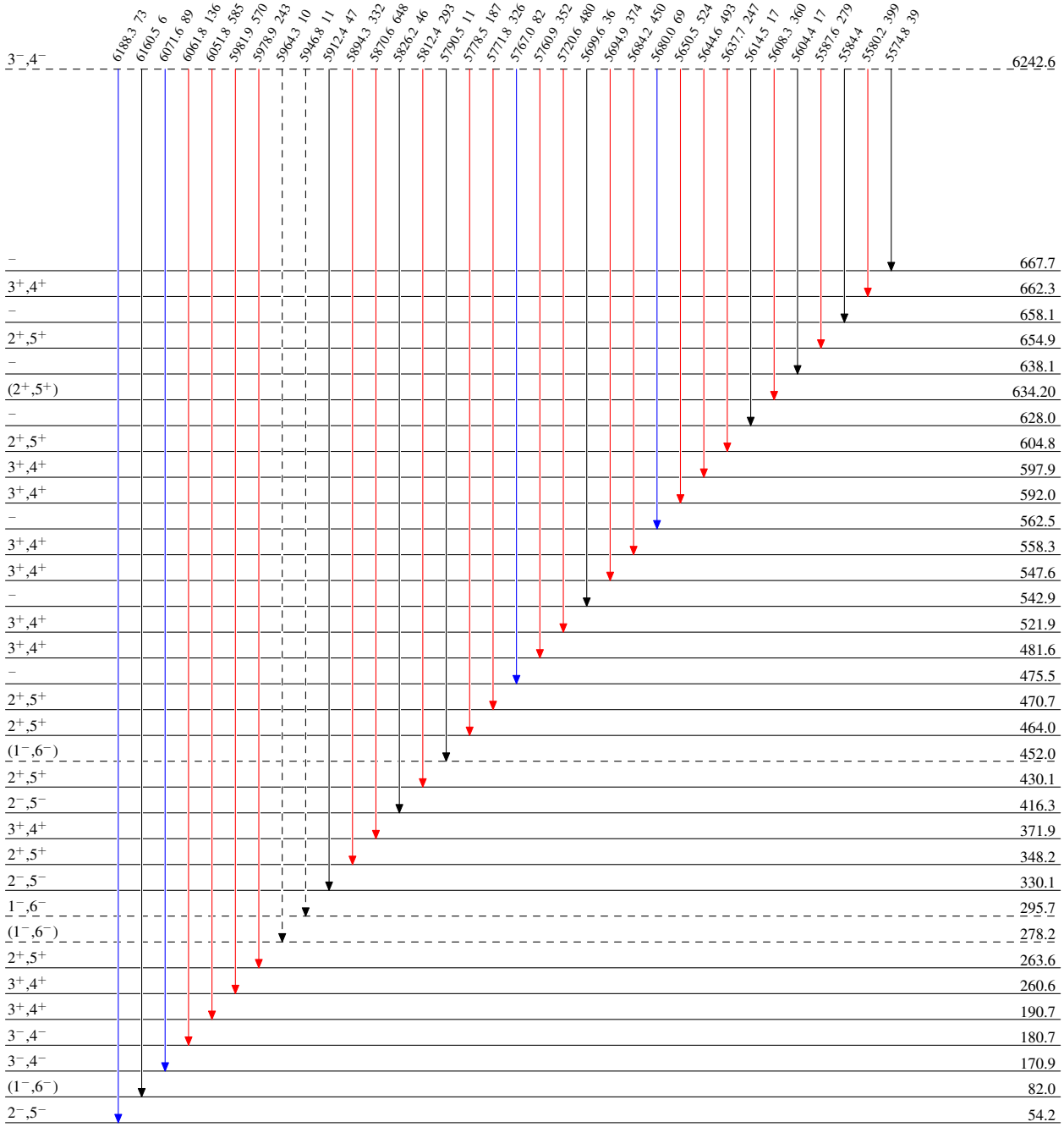
Legend

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

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

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

γ Decay (Uncertain)



$^{166}_{67}Ho_{99}$

^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03

Level Scheme (continued)

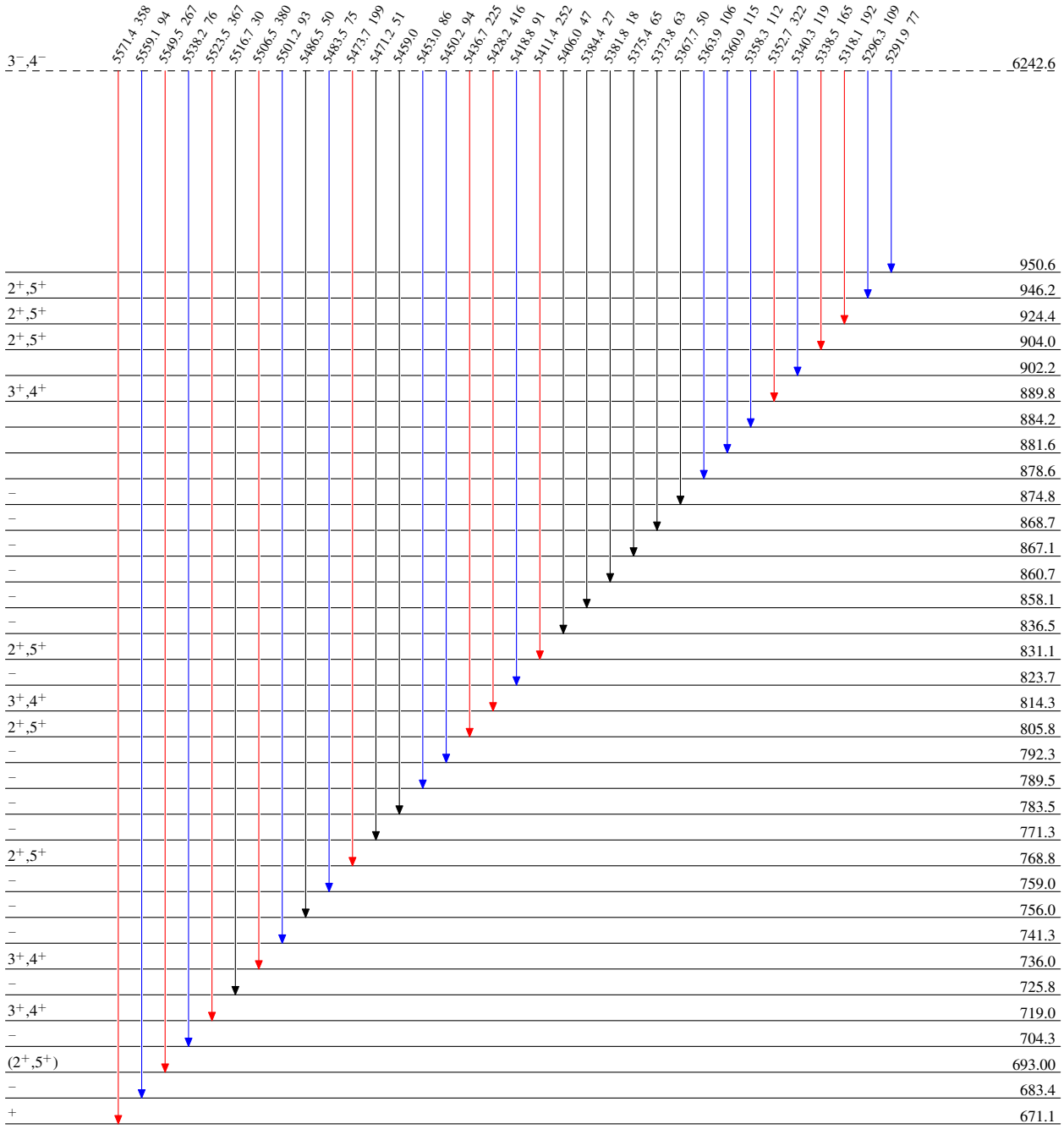
Intensities: Relative I_γ

Legend

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

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

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



$^{166}_{67}Ho_{99}$

^{165}Ho(n,γ) E=2 keV 1970Bo29,2000Pr03

Level Scheme (continued)

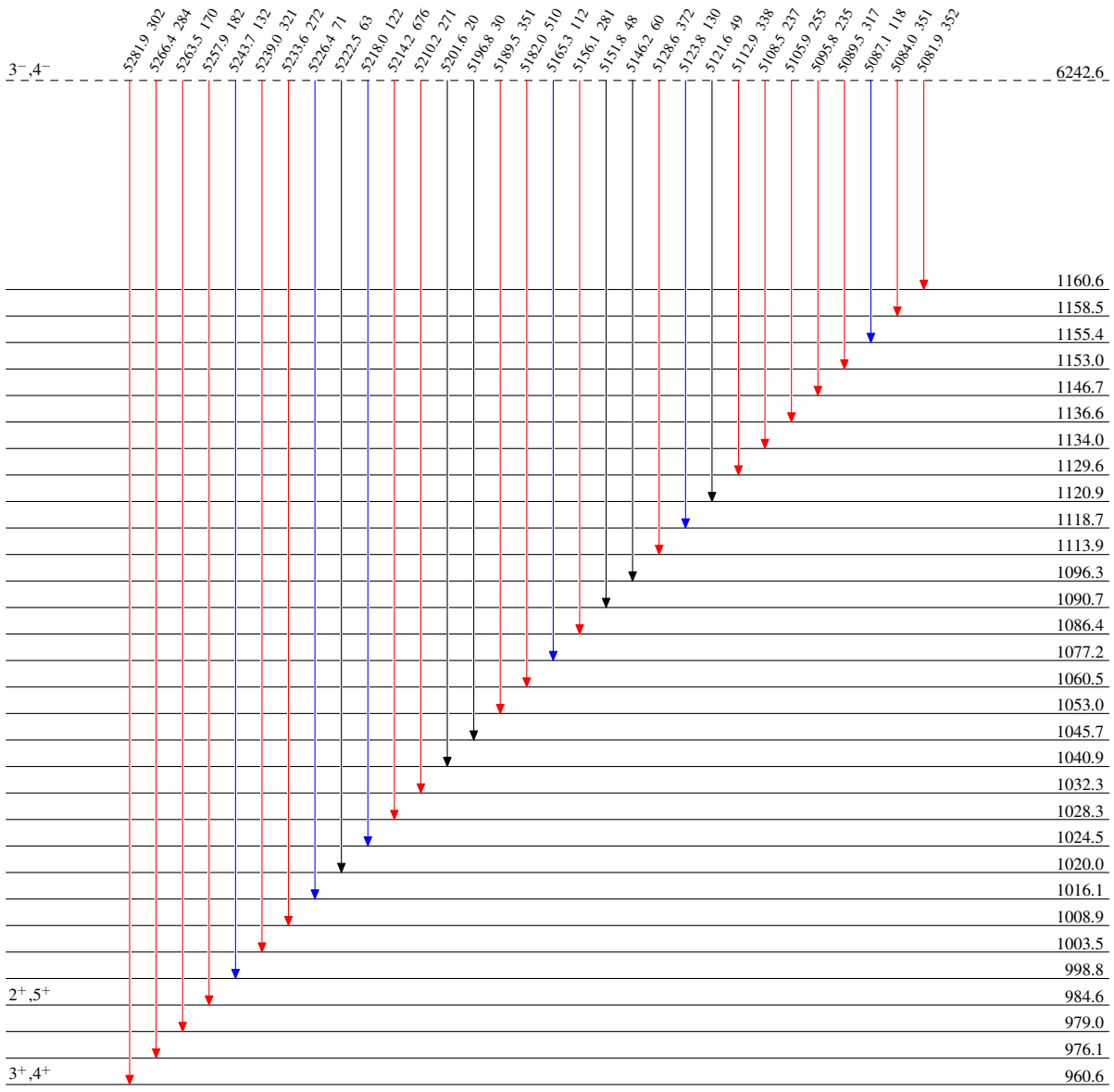
Intensities: Relative I_γ

Legend

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

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

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



$^{166}_{67}Ho_{99}$