^{126}Te(n,γ) 2005Ho15

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	A. Hashizume	NDS 112, 1647 (2011)	1-Oct-2009

Thermal neutron from the external guide of a light water reactor; 98% ^{126}Te, two HPGe detectors, γγ-coin.

^{127}Te Levels

E(level)†	Jπ‡	E(level)†	Jπ‡	E(level)†	Jπ‡
0	3/2+	1883.76 *18*	(5/2−)	2554.1? *3*	
61.172 *16*	1/2+	1888.68 *13*	1/2+	2561.26 *13*	(1/2−,3/2,5/2+)
88.16 *7*	11/2−	1915.7? *4*	3/2+,5/2+	2592.66 *8*	(3/2−)
340.84 *6*	(9/2−)	1919.52 *25*	7/2−	2619.23 *6*	1/2−
473.21 *3*	5/2+#	1956.23 *7*	(3/2+,5/2+)	2667.24 *14*	1/2−
501.930 *10*	3/2+#	1959.21 *17*	(3/2−,5/2,7/2+)	2689.94 *15*	1/2,3/2,5/2+
622.975 *22*	1/2+#	1975.5 *3*	(3/2+,5/2,7/2−)	2700.71 *24*	1/2,3/2,5/2+
631.37 *6*	7/2−#	1992.67 *14*	1/2,3/2,5/2+	2729.65 *8*	3/2+
685.00 *5*	7/2+#	2009.85 *6*	3/2−	2759.1 *3*	3/2+
762.61 *5*	3/2+#	2025.8 *5*	3/2+,5/2+	2762.8? *4*	1/2,3/2
782.62 *3*	5/2+#	2029.97 *10*	(3/2−,5/2,7/2+)	2772.98 *12*	(3/2−,5/2+)
786.10 *6*	7/2−#	2048.62 *8*	(3/2+,5/2+)	2856.45 *21*	1/2−
923.99 *18*	7/2+#	2056.27 *12*	(3/2+,5/2,7/2+)	2878.01 *15*	(3/2,5/2+)
1075.02 *5*	3/2+#	2101.80? *20*		2904.82 *16*	1/2,3/2
1077.03 *18*	5/2,7/2,9/2	2109.10 *10*	1/2,3/2,5/2+	2913.06 *17*	(1/2−,3/2−)
1140.23 *5*	5/2+#	2120.00 *10*	1/2+	2915.91 *14*	(3/2,5/2+)
1154.67 *9*	5/2(+)	2138.08 *18*	1/2,3/2,5/2+	2932.00 *22*	(3/2,5/2+)
1183.07 *6*	(5/2−,7/2,9/2)@	2144.14 *5*	3/2−	2954.75 *11*	(3/2−)
1289.77 *8*	5/2+	2156.80? *20*	1/2,3/2,5/2+	2978.9? *4*	
1293.17 *8*	(3/2+,5/2,7/2+)	2167.1? *4*	7/2−	2994.4 *4*	(3/2−,5/2,7/2+)
1309.25 *7*	3/2+,5/2+&	2175.67 *23*	3/2+,5/2+	3131.6? *4*	
1353.78 *6*	3/2−	2189.6 *3*	3/2−,5/2,7/2−	3153.8 *3*	(3/2)−
1378.59 *9*	5/2+	2206.763 *18*	3/2−	3254.8 *3*	
1405.89 *20*	1/2+#	2224.92 *15*	1/2+	3286.8? *5*	(1/2,3/2,5/2+)
1428.9 *3*	7/2+	2243.83 *19*	(7/2+,9/2+)	3375.4? *3*	(1/2−,3/2−,5/2−)
1462.0 *3*	3/2+,5/2,7/2+	2246.06 *13*	3/2−	3391.76 *15*	3/2−
1491.7 *3*	(7/2+,9/2+)	2254.03 *21*	3/2+,5/2+	3415.97 *20*	3/2−
1550.66 *9*	(5/2−,7/2,9/2)	2278.32 *25*	5/2−	3545.44 *11*	(1/2−,3/2−)
1555.7 *6*	5/2+	2299.2 *4*	(3/2+,5/2,7/2−)	3567.37 *19*	1/2,3/2,5/2+
1568.06 *11*	5/2+	2304.65? *25*		3572.3? *6*	(3/2−)
1608.19 *8*	(5/2−,7/2,9/2)	2317.90 *5*	3/2−	3595.8 *6*	
1612.1 *5*	7/2+,9/2+	2327.30? *18*	7/2−	3679.00 *13*	1/2,3/2,5/2+
1683.4? *5*	3/2+,5/2+	2328.32 *13*	1/2+,3/2,5/2+	3719.6 *4*	(1/2,3/2,5/2+)
1687.56 *10*	3/2−	2338.00 *13*	(3/2−)	3764.54 *14*	1/2,3/2,5/2+
1704.27 *19*	3/2+,5/2+	2339.66 *14*	(1/2,3/2,5/2+)	3836.3 *3*	1/2,3/2,5/2+
1758.17 *24*	(3/2+,5/2,7/2−)	2357.89 *22*		3852.86 *11*	1/2,3/2,5/2+
1773.02 *4*	3/2+,5/2+	2359.55 *13*	3/2−	3865.66 *14*	(3/2−,5/2+)
1778.99 *8*	(5/2−,7/2+)	2391.37 *24*	(5/2−)	3883.52 *15*	1/2+,3/2,5/2+
1803.41? *21*	7/2+,9/2+	2429.21 *14*	(3/2+,5/2+)	3922.27 *9*	1/2,3/2,5/2+
1805.51 *8*	1/2+,3/2	2438.39 *9*	(3/2−)	3954.1? *5*	1/2,3/2
1815.3 *4*	(3/2+,5/2,7/2−)	2458.39 *20*	(1/2+)	3973.69 *21*	1/2,3/2,5/2+
1844.83 *21*	5/2−	2468.91 *3*	1/2−	4036.59 *23*	1/2,3/2,5/2+
1846.67 *9*	(5/2+)	2492.7 *3*	(1/2,3/2,5/2+)	4057.32 *22*	1/2,3/2,5/2+
1868.57 *22*	1/2,3/2,5/2+	2496.81 *10*	3/2+,5/2	6287.590 *24*	1/2+
1877.92 *11*	3/2+,5/2+	2519.5 *4*	(5/2,7/2−)		

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^{126}Te(n,γ) 2005Ho15 (continued)

^{127}Te Levels (continued)

† From a least-squares fit to E(γ's) by the evaluator.
‡ From Adopted Levels.
# Spin and parity is supported by the comparison of IBFM calc and experimental γ intensity ratios.
@ $5/2^-$ is preferred by the comparison of IBFM calc and experimental γ intensity ratios.
& $3/2^+$ is preferred by the comparison of IBFM calc and experimental γ intensity ratios.

γ(^{127}Te)

E_γ†	I_γ‡#	E_i(level)	J_i^π	E_f	J_f^π
61.2 *2*		61.172	$1/2^+$	0	$3/2^+$
139.3 *7*	0.06 *1*	762.61	$3/2^+$	622.975	$1/2^+$
154.6 *4*	0.06 *2*	786.10	$7/2^-$	631.37	$7/2^-$
170.7 *4*	0.09 *2*	1353.78	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
183.6 *3*	0.05 *2*	685.00	$7/2^+$	501.930	$3/2^+$
212.23 *22*	0.20 *2*	685.00	$7/2^+$	473.21	$5/2^+$
237.3 *4*		1805.51	$1/2^+,3/2$	1568.06	$5/2^+$
239.4 *8*	0.04 *2*	923.99	$7/2^+$	685.00	$7/2^+$
243.1 *3*	0.07 *2*	2561.26	$(1/2^-,3/2,5/2^+)$	2317.90	$3/2^-$
252.73 *5*	7.38 *7*	340.84	$(9/2^-)$	88.16	$11/2^-$
260.6 *3*	0.16 *2*	762.61	$3/2^+$	501.930	$3/2^+$
280.8 *4*	0.11 *3*	782.62	$5/2^+$	501.930	$3/2^+$
283.3 *3*		2167.1?	$7/2^-$	1883.76	$(5/2^-)$
289.40 *22*	0.45 *3*	762.61	$3/2^+$	473.21	$5/2^+$
290.54 *3*	3.12 *3*	631.37	$7/2^-$	340.84	$(9/2^-)$
292.6 *3*	0.09 *2*	923.99	$7/2^+$	631.37	$7/2^-$
292.7 *4*	0.10 *4*	1075.02	$3/2^+$	782.62	$5/2^+$
309.4 *4*	0.05 *1*	782.62	$5/2^+$	473.21	$5/2^+$
354.1 *10*	0.34 *11*	2561.26	$(1/2^-,3/2,5/2^+)$	2206.763	$3/2^-$
357.4 *5*	0.09 *2*	1140.23	$5/2^+$	782.62	$5/2^+$
364.7 *5*	0.10 *2*	2144.14	$3/2^-$	1778.99	$(5/2^-,7/2^+)$
387.3 *4*	0.07 *1*	1462.0	$3/2^+,5/2,7/2^+$	1075.02	$3/2^+$
391.8 *3*	0.03 *1*	1077.03	5/2,7/2,9/2	685.00	$7/2^+$
397.0 *3*	1.54 *2*	1183.07	$(5/2^-,7/2,9/2)$	786.10	$7/2^-$
403.2 *7*	0.09 *2*	2592.66	$(3/2^-)$	2189.6	$3/2^-,5/2,7/2^-$
411.99 *4*	1.55 *3*	473.21	$5/2^+$	61.172	$1/2^+$
440.77 *2*	4.56 *5*	501.930	$3/2^+$	61.172	$1/2^+$
445.26 *3*	2.43 *2*	786.10	$7/2^-$	340.84	$(9/2^-)$
451.0 *7*	0.17 *4*	923.99	$7/2^+$	473.21	$5/2^+$
452.22 *25*	0.42 *4*	1075.02	$3/2^+$	622.975	$1/2^+$
454.9 *3*	0.33 *1*	1140.23	$5/2^+$	685.00	$7/2^+$
456.5 *3*	0.04 *1*	2144.14	$3/2^-$	1687.56	$3/2^-$
459.6 *5*	0.04 *1*	2468.91	$1/2^-$	2009.85	$3/2^-$
467.2 *3*	0.12 *4*	2246.06	$3/2^-$	1778.99	$(5/2^-,7/2^+)$
473.29 *7*	10.5 *5*	473.21	$5/2^+$	0	$3/2^+$
475.2 *5*	0.08 *2*	2619.23	$1/2^-$	2144.14	$3/2^-$
479.36 *11*	0.16 *6*	2029.97	$(3/2^-,5/2,7/2^+)$	1550.66	$(5/2^-,7/2,9/2)$
493.5 *4*	0.20 *3*	1568.06	$5/2^+$	1075.02	$3/2^+$
501.93 *1*	9.36 *9*	501.930	$3/2^+$	0	$3/2^+$
504.50 *13*	0.25 *3*	1687.56	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
517.29 *10*	0.97 *4*	1140.23	$5/2^+$	622.975	$1/2^+$
526.4 *4*	0.08 *2*	1309.25	$3/2^+,5/2^+$	782.62	$5/2^+$
527.23 *17*	0.07 *1*	1289.77	$5/2^+$	762.61	$3/2^+$
530.6 *3*	0.05 *1*	1293.17	$(3/2^+,5/2,7/2^+)$	762.61	$3/2^+$
535.90 *13*	0.29 *3*	2144.14	$3/2^-$	1608.19	$(5/2^-,7/2,9/2)$

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ[†]	I_γ[‡#]	E_i(level)	J_i^π	E_f	J_f^π
539.0 *3*	0.12 *4*	2317.90	3/2$^-$	1778.99	(5/2$^-$,7/2$^+$)
543.2 *1*	6.24 *6*	631.37	7/2$^-$	88.16	11/2$^-$
546.8 *3*	0.13 *3*	1309.25	3/2$^+$,5/2$^+$	762.61	3/2$^+$
551.72 *4*	1.38 *3*	1183.07	(5/2$^-$,7/2,9/2)	631.37	7/2$^-$
558.6 *4*	0.08 *2*	2338.00	(3/2$^-$)	1778.99	(5/2$^-$,7/2$^+$)
561.79 *2*	3.23 *3*	622.975	1/2$^+$	61.172	1/2$^+$
567.6 *3*	0.22 *3*	1353.78	3/2$^-$	786.10	7/2$^-$
571.27 *18*	0.26 *5*	1353.78	3/2$^-$	782.62	5/2$^+$
573.06 *12*	0.50 *2*	1075.02	3/2$^+$	501.930	3/2$^+$
575.7 *4*	0.06 *2*	1758.17	(3/2$^+$,5/2,7/2$^-$)	1183.07	(5/2$^-$,7/2,9/2)
580.6 *3*	0.11 *2*	2359.55	3/2$^-$	1778.99	(5/2$^-$,7/2$^+$)
583.0 *4*	0.14 *4*	923.99	7/2$^+$	340.84	(9/2$^-$)
591.27 *21*	0.25 *2*	1353.78	3/2$^-$	762.61	3/2$^+$
596.05 *12*	0.51 *9*	1378.59	5/2$^+$	782.62	5/2$^+$
598.45 *23*	0.06 *1*	2206.763	3/2$^-$	1608.19	(5/2$^-$,7/2,9/2)
601.83 *5*	0.63 *16*	1075.02	3/2$^+$	473.21	5/2$^+$
604.11 *24*	0.14 *2*	1077.03	5/2,7/2,9/2	473.21	5/2$^+$
604.4 *3*	0.17 *4*	1289.77	5/2$^+$	685.00	7/2$^+$
608.5 *3*	0.04 *1*	1293.17	(3/2$^+$,5/2,7/2$^+$)	685.00	7/2$^+$
611.2 *4*	0.07 *2*	2299.2	(3/2$^+$,5/2,7/2$^-$)	1687.56	3/2$^-$
612.0 *4*	0.06 *2*	2391.37	(5/2$^-$)	1778.99	(5/2$^-$,7/2$^+$)
612.4 *3*	0.11 *2*	1687.56	3/2$^-$	1075.02	3/2$^+$
615.8 *7*	0.13	1378.59	5/2$^+$	762.61	3/2$^+$
622.93 *6*	6.45 *13*	622.975	1/2$^+$	0	3/2$^+$
637.94 *22*	0.07 *1*	2246.06	3/2$^-$	1608.19	(5/2$^-$,7/2,9/2)
638.32 *5*	0.77 *5*	1140.23	5/2$^+$	501.930	3/2$^+$
638.9 *3*	0.20 *4*	2189.6	3/2$^-$,5/2,7/2$^-$	1550.66	(5/2$^-$,7/2,9/2)
646.6 *4*	0.04 *2*	2254.03	3/2$^+$,5/2$^+$	1608.19	(5/2$^-$,7/2,9/2)
652.77 *10*	0.35 *4*	1154.67	5/2$^{(+)}$	501.930	3/2$^+$
655.9 *5*	0.05 *2*	2009.85	3/2$^-$	1353.78	3/2$^-$
666.8 *3*	0.07 *2*	1289.77	5/2$^+$	622.975	1/2$^+$
667.0 *3*	0.88 *13*	1140.23	5/2$^+$	473.21	5/2$^+$
681.32 *20*	0.31 *2*	1154.67	5/2$^{(+)}$	473.21	5/2$^+$
684.96 *5*	2.02 *2*	685.00	7/2$^+$	0	3/2$^+$
686.5 *3*	0.34 *3*	1309.25	3/2$^+$,5/2$^+$	622.975	1/2$^+$
694.0 *3*	0.22 *5*	1378.59	5/2$^+$	685.00	7/2$^+$
697.87 *6*	2.23 *4*	786.10	7/2$^-$	88.16	11/2$^-$
699.0 *4*	0.05 *1*	1462.0	3/2$^+$,5/2,7/2$^+$	762.61	3/2$^+$
700.0 *6*	0.04 *2*	1883.76	(5/2$^-$)	1183.07	(5/2$^-$,7/2,9/2)
701.4 *4*	2.34 *5*	762.61	3/2$^+$	61.172	1/2$^+$
703.1 *4*	0.17 *4*	2254.03	3/2$^+$,5/2$^+$	1550.66	(5/2$^-$,7/2,9/2)
704.6 *2*	0.34 *6*	1844.83	5/2$^-$	1140.23	5/2$^+$
709.7 *4*	0.22 *4*	2317.90	3/2$^-$	1608.19	(5/2$^-$,7/2,9/2)
717.9 *4*	0.20 *4*	2496.81	3/2$^+$,5/2	1778.99	(5/2$^-$,7/2$^+$)
721.8 *5*	0.47 *10*	782.62	5/2$^+$	61.172	1/2$^+$
722.60 *20*	2.38 *4*	1353.78	3/2$^-$	631.37	7/2$^-$
729.9 *4*	0.03 *1*	2338.00	(3/2$^-$)	1608.19	(5/2$^-$,7/2,9/2)
730.83 *12*	0.60 *3*	1353.78	3/2$^-$	622.975	1/2$^+$
743.9 *3*	0.19 *2*	1428.9	7/2$^+$	685.00	7/2$^+$
751.46 *22*	0.12 *3*	2359.55	3/2$^-$	1608.19	(5/2$^-$,7/2,9/2)
762.57 *6*	5.59 *11*	762.61	3/2$^+$	0	3/2$^+$
764.6 *7*	0.03 *1*	1550.66	(5/2$^-$,7/2,9/2)	786.10	7/2$^-$
775.9 *4*	0.12 *3*	1959.21	(3/2$^-$,5/2,7/2$^+$)	1183.07	(5/2$^-$,7/2,9/2)
782.63 *3*	3.72 *4*	782.62	5/2$^+$	0	3/2$^+$
787.89 *13*	0.30 *3*	1289.77	5/2$^+$	501.930	3/2$^+$

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
792.7 *5*	0.06 *2*	1975.5	(3/2$^+$,5/2,7/2$^-$)	1183.07	(5/2$^-$,7/2,9/2)
794.5 *5*	0.07 *3*	1868.57	1/2,3/2,5/2$^+$	1075.02	3/2$^+$
806.7 *3*	0.04 *1*	1491.7	(7/2$^+$,9/2$^+$)	685.00	7/2$^+$
807.52 *18*	0.34 *5*	1309.25	3/2$^+$,5/2$^+$	501.930	3/2$^+$
813.37 *24*	0.15 *4*	2592.66	(3/2$^-$)	1778.99	(5/2$^-$,7/2$^+$)
816.62 *20*	0.43 *3*	1289.77	5/2$^+$	473.21	5/2$^+$
819.92 *8*	0.20 *5*	1293.17	(3/2$^+$,5/2,7/2$^+$)	473.21	5/2$^+$
822.12 *15*	0.73 *4*	1608.19	(5/2$^-$,7/2,9/2)	786.10	7/2$^-$
826.7 *3*	0.08 *2*	2009.85	3/2$^-$	1183.07	(5/2$^-$,7/2,9/2)
834.6 *4*	0.08 *2*	2144.14	3/2$^-$	1309.25	3/2$^+$,5/2$^+$
835.80 *21*	0.09 *1*	1309.25	3/2$^+$,5/2$^+$	473.21	5/2$^+$
842.21 *6*	1.38 *3*	1183.07	(5/2$^-$,7/2,9/2)	340.84	(9/2$^-$)
846.4 *5*	0.07 *2*	2029.97	(3/2$^-$,5/2,7/2$^+$)	1183.07	(5/2$^-$,7/2,9/2)
851.6 *4*	0.09 *2*	1353.78	3/2$^-$	501.930	3/2$^+$
852.9 *4*	0.19 *3*	2206.763	3/2$^-$	1353.78	3/2$^-$
882.97 *12*	0.13 *4*	1568.06	5/2$^+$	685.00	7/2$^+$
885.6 *7*	0.19 *3*	2772.98	(3/2$^-$,5/2$^+$)	1888.68	1/2$^+$
889.06 *20*	0.08 *4*	2496.81	3/2$^+$,5/2	1608.19	(5/2$^-$,7/2,9/2)
892.3 *6*	0.22 *4*	2246.06	3/2$^-$	1353.78	3/2$^-$
901.1 *6*	0.19 *3*	1687.56	3/2$^-$	786.10	7/2$^-$
904.0 *5*	0.17 *3*	1405.89	1/2$^+$	501.930	3/2$^+$
905.3 *5*	0.04 *1*	1378.59	5/2$^+$	473.21	5/2$^+$
911.1 *5*	0.03 *1*	2519.5	(5/2,7/2$^-$)	1608.19	(5/2$^-$,7/2,9/2)
919.45 *15*	0.10 *2*	1550.66	(5/2$^-$,7/2,9/2)	631.37	7/2$^-$
924.0 *3*	0.26 *3*	923.99	7/2$^+$	0	3/2$^+$
932.2 *5*	0.03 *1*	1405.89	1/2$^+$	473.21	5/2$^+$
939.5 *3*	0.35 *2*	2317.90	3/2$^-$	1378.59	5/2$^+$
941.9 *6*	0.15 *2*	1704.27	3/2$^+$,5/2$^+$	762.61	3/2$^+$
945.3 *3*	0.07 *1*	2954.75	(3/2$^-$)	2009.85	3/2$^-$
952.9 *7*	0.12 *2*	2561.26	(1/2$^-$,3/2,5/2$^+$)	1608.19	(5/2$^-$,7/2,9/2)
961.20 *10*	0.14 *3*	2144.14	3/2$^-$	1183.07	(5/2$^-$,7/2,9/2)
964.0 *8*	0.16 *4*	2317.90	3/2$^-$	1353.78	3/2$^-$
971.9 *4*	0.08 *2*	1758.17	(3/2$^+$,5/2,7/2$^-$)	786.10	7/2$^-$
976.8 *8*	1.55 *3*	1608.19	(5/2$^-$,7/2,9/2)	631.37	7/2$^-$
984.1 *4*	0.32 *4*	2592.66	(3/2$^-$)	1608.19	(5/2$^-$,7/2,9/2)
989.1 *6*	0.06 *2*	1462.0	3/2$^+$,5/2,7/2$^+$	473.21	5/2$^+$
990.5 *3*	0.19 *5*	1773.02	3/2$^+$,5/2$^+$	782.62	5/2$^+$
992.9 *3*	0.28 *2*	1778.99	(5/2$^-$,7/2$^+$)	786.10	7/2$^-$
993.9 *3*	0.12 *6*	2772.98	(3/2$^-$,5/2$^+$)	1778.99	(5/2$^-$,7/2$^+$)
996.5 *3*	0.24 *6*	1778.99	(5/2$^-$,7/2$^+$)	782.62	5/2$^+$
1009.3 *6*	0.18 *3*	2317.90	3/2$^-$	1309.25	3/2$^+$,5/2$^+$
1010.2 *4*	0.04 *1*	1773.02	3/2$^+$,5/2$^+$	762.61	3/2$^+$
1013.8 *6*	1.08 *2*	1075.02	3/2$^+$	61.172	1/2$^+$
1023.3 *5*	0.17 *3*	1805.51	1/2$^+$,3/2	782.62	5/2$^+$
1024 *4*	0.06 *2*	2206.763	3/2$^-$	1183.07	(5/2$^-$,7/2,9/2)
1028.7 *4*	0.07 *2*	1815.3	(3/2$^+$,5/2,7/2$^-$)	786.10	7/2$^-$
1043.4 *10*	0.12 *3*	1805.51	1/2$^+$,3/2	762.61	3/2$^+$
1043.9 *6*	0.08 *3*	2120.00	1/2$^+$	1077.03	5/2,7/2,9/2
1053.8 *6*	0.19 *2*	1555.7	5/2$^+$	501.930	3/2$^+$
1055.8 *7*	0.17 *3*	1687.56	3/2$^-$	631.37	7/2$^-$
1062.3 *7*	0.30 *5*	2246.06	3/2$^-$	1183.07	(5/2$^-$,7/2,9/2)
1062.9 *3*	0.08 *1*	2468.91	1/2$^-$	1405.89	1/2$^+$
1064.00 *17*	0.44 *18*	1846.67	(5/2$^+$)	782.62	5/2$^+$
1064.1 *6*	0.39 *5*	1687.56	3/2$^-$	622.975	1/2$^+$
1066.4 *7*	0.19 *3*	2954.75	(3/2$^-$)	1888.68	1/2$^+$
1075.0 *3*	0.44 *3*	1075.02	3/2$^+$	0	3/2$^+$

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
1081.3 *4*	0.06 *2*	1704.27	$3/2^+,5/2^+$	622.975	$1/2^+$
1083.8 *3*	0.09 *1*	1846.67	$(5/2^+)$	762.61	$3/2^+$
1094.9 *3*	0.23 *7*	1568.06	$5/2^+$	473.21	$5/2^+$
1097.71 *19*	0.16 *2*	1883.76	$(5/2^-)$	786.10	$7/2^-$
1105.7 *5*	0.03 *1*	1868.57	$1/2,3/2,5/2^+$	762.61	$3/2^+$
1115.9 *3*	0.05 *1*	1877.92	$3/2^+,5/2^+$	762.61	$3/2^+$
1116.9 *5*	0.06 *2*	2299.2	$(3/2^+,5/2,7/2^-)$	1183.07	$(5/2^-,7/2,9/2)$
1118.4 *2*	0.09 *1*	1803.41?	$7/2^+,9/2^+$	685.00	$7/2^+$
1126.4 *11*	0.09 *3*	1888.68	$1/2^+$	762.61	$3/2^+$
1131.0 *5*	0.03 *1*	1815.3	$(3/2^+,5/2,7/2^-)$	685.00	$7/2^+$
1134.9 *3*	0.33 *3*	2317.90	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
1138.9 *5*	0.06 *2*	1612.1	$7/2^+,9/2^+$	473.21	$5/2^+$
1139.90 *23*	0.37 *6*	1140.23	$5/2^+$	0	$3/2^+$
1147.44 *11*	0.92 *3*	1778.99	$(5/2^-,7/2^+)$	631.37	$7/2^-$
1149.1 *6*	0.06 *2*	2458.39	$(1/2^+)$	1309.25	$3/2^+,5/2^+$
1154.5 *5*	0.19 *3*	2338.00	$(3/2^-)$	1183.07	$(5/2^-,7/2,9/2)$
1161.8 *4*	0.04 *1*	1846.67	$(5/2^+)$	685.00	$7/2^+$
1164.5 *2*	0.09 *1*	2772.98	$(3/2^-,5/2^+)$	1608.19	$(5/2^-,7/2,9/2)$
1172.98 *19*	0.20 *2*	1959.21	$(3/2^-,5/2,7/2^+)$	786.10	$7/2^-$
1173.5 *3*	0.19 *5*	1956.23	$(3/2^+,5/2^+)$	782.62	$5/2^+$
1175.7 *5*	0.10 *3*	2359.55	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
1177.8 *6*	0.27 *6*	2317.90	$3/2^-$	1140.23	$5/2^+$
1187.2 *8*	0.13 *2*	2592.66	$(3/2^-)$	1405.89	$1/2^+$
1188.4 *4*	0.16 *5*	2328.32	$1/2^+,3/2,5/2^+$	1140.23	$5/2^+$
1193.0 *6*	0.07 *3*	1975.5	$(3/2^+,5/2,7/2^-)$	782.62	$5/2^+$
1194.1 *5*	0.20 *4*	1956.23	$(3/2^+,5/2^+)$	762.61	$3/2^+$
1207.4 *4*	0.08 *2*	2561.26	$(1/2^-,3/2,5/2^+)$	1353.78	$3/2^-$
1208.2 *6*	0.05 *1*	2391.37	$(5/2^-)$	1183.07	$(5/2^-,7/2,9/2)$
1209.73 *12*	0.41 *2*	1550.66	$(5/2^-,7/2,9/2)$	340.84	$(9/2^-)$
1210.2 *5*	0.07 *2*	1683.4?	$3/2^+,5/2^+$	473.21	$5/2^+$
1215.5 *5*	0.05 *2*	1846.67	$(5/2^+)$	631.37	$7/2^-$
1224.2 *4*	0.08 *2*	1846.67	$(5/2^+)$	622.975	$1/2^+$
1225.24 *23*	0.13 *3*	2913.06	$(1/2^-,3/2^-)$	1687.56	$3/2^-$
1227.4 *7*	0.07 *3*	2009.85	$3/2^-$	782.62	$5/2^+$
1229.6 *7*	0.16 *2*	1289.77	$5/2^+$	61.172	$1/2^+$
1230.1 *6*	0.04 *1*	1992.67	$1/2,3/2,5/2^+$	762.61	$3/2^+$
1231.02 *22*	0.15 *2*	1704.27	$3/2^+,5/2^+$	473.21	$5/2^+$
1238.3 *5*	0.05 *2*	1868.57	$1/2,3/2,5/2^+$	631.37	$7/2^-$
1238.6 *8*	0.14 *4*	2592.66	$(3/2^-)$	1353.78	$3/2^-$
1239.7 *5*	0.06 *2*	2025.8	$3/2^+,5/2^+$	786.10	$7/2^-$
1243.76 *22*	0.15 *2*	2029.97	$(3/2^-,5/2,7/2^+)$	786.10	$7/2^-$
1245.1 *5*	0.06 *2*	1868.57	$1/2,3/2,5/2^+$	622.975	$1/2^+$
1247.3 *5*	0.03 *1*	2009.85	$3/2^-$	762.61	$3/2^+$
1248.04 *22*	0.45 *3*	1309.25	$3/2^+,5/2^+$	61.172	$1/2^+$
1252.5 *5*	0.07 *2*	1883.76	$(5/2^-)$	631.37	$7/2^-$
1254.1 *4*	0.10 *2*	1877.92	$3/2^+,5/2^+$	622.975	$1/2^+$
1265.0 *4*	0.09 *3*	2339.66	$(1/2,3/2,5/2^+)$	1075.02	$3/2^+$
1265.8 *5*	0.06 *2*	2619.23	$1/2^-$	1353.78	$3/2^-$
1265.9 *2*	0.58 *3*	1888.68	$1/2^+$	622.975	$1/2^+$
1266.3 *3*	0.14 *4*	2048.62	$(3/2^+,5/2^+)$	782.62	$5/2^+$
1268.1 *7*	0.11 *3*	1608.19	$(5/2^-,7/2,9/2)$	340.84	$(9/2^-)$
1271.06 *4*	1.64 *11*	1773.02	$3/2^+,5/2^+$	501.930	$3/2^+$
1271.4 *12*	0.18 *3*	1956.23	$(3/2^+,5/2^+)$	685.00	$7/2^+$
1274.0 *7*	0.19 *3*	2056.27	$(3/2^+,5/2,7/2^+)$	782.62	$5/2^+$
1277.3 *6*	0.08 *3*	1778.99	$(5/2^-,7/2^+)$	501.930	$3/2^+$
1283.5 *6*	0.06 *1*	2592.66	$(3/2^-)$	1309.25	$3/2^+,5/2^+$

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^{126}Te(n,γ) 2005Ho15 (continued)

$\gamma(^{127}Te)$ (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
1286.0 *3*	0.06 *1*	2048.62	$(3/2^+,5/2^+)$	762.61	$3/2^+$
1288.5 *5*	0.19 *7*	2429.21	$(3/2^+,5/2^+)$	1140.23	$5/2^+$
1289.4 *3*	0.49 *2*	1289.77	$5/2^+$	0	$3/2^+$
1290.2[&] *6*	0.05 *1*	1919.52	$7/2^-$	631.37	$7/2^-$
1291.2 *6*	0.05 *2*	1975.5	$(3/2^+,5/2,7/2^-)$	685.00	$7/2^+$
1292.68 *16*	0.36 *4*	1353.78	$3/2^-$	61.172	$1/2^+$
1292.7 *4*	0.07 *2*	1915.7?	$3/2^+,5/2^+$	622.975	$1/2^+$
1299.8 *3*	0.13 *3*	1773.02	$3/2^+,5/2^+$	473.21	$5/2^+$
1306.2 *5*		3153.8	$(3/2)^-$	1846.67	$(5/2^+)$
1306.3 *5*	0.06 *2*	1778.99	$(5/2^-,7/2^+)$	473.21	$5/2^+$
1309.2 *1*	1.25 *3*	1309.25	$3/2^+,5/2^+$	0	$3/2^+$
1313.22 *25*	0.23 *4*	2496.81	$3/2^+,5/2$	1183.07	$(5/2^-,7/2,9/2)$
1313.8 *3*	0.06 *2*	2667.24	$1/2^-$	1353.78	$3/2^-$
1323.1 *6*	0.03 *1*	2932.00	$(3/2,5/2^+)$	1608.19	$(5/2^-,7/2,9/2)$
1328.6 *6*	0.05 *2*	1959.21	$(3/2^-,5/2,7/2^+)$	631.37	$7/2^-$
1332.31 *8*	0.47 *5*	1805.51	$1/2^+,3/2$	473.21	$5/2^+$
1333.18 *7*	0.57 *6*	1956.23	$(3/2^+,5/2^+)$	622.975	$1/2^+$
1344.65 *11*	0.47 *4*	1846.67	$(5/2^+)$	501.930	$3/2^+$
1344.9 *4*	0.67 *5*	1405.89	$1/2^+$	61.172	$1/2^+$
1346.6 *3*	0.07 *2*	2954.75	$(3/2^-)$	1608.19	$(5/2^-,7/2,9/2)$
1357.3 *4*	0.06 *1*	2120.00	$1/2^+$	762.61	$3/2^+$
1358.6 *4*	0.11 *3*	2144.14	$3/2^-$	786.10	$7/2^-$
1370.0 *9*	0.16 *3*	1992.67	$1/2,3/2,5/2^+$	622.975	$1/2^+$
1371.2 *3*	0.07 *1*	2056.27	$(3/2^+,5/2,7/2^+)$	685.00	$7/2^+$
1373.8 *4*	0.08 *2*	1846.67	$(5/2^+)$	473.21	$5/2^+$
1375.95 *15*	0.39 *4*	1877.92	$3/2^+,5/2^+$	501.930	$3/2^+$
1377.98 *25*	0.14 *3*	2561.26	$(1/2^-,3/2,5/2^+)$	1183.07	$(5/2^-,7/2,9/2)$
1378.42 *14*	0.80 *6*	1378.59	$5/2^+$	0	$3/2^+$
1386.35 *25*	0.12 *2*	2009.85	$3/2^-$	622.975	$1/2^+$
1386.6 *10*	0.15 *3*	1888.68	$1/2^+$	501.930	$3/2^+$
1394.1 *5*	0.05 *2*	2468.91	$1/2^-$	1075.02	$3/2^+$
1394.2 *2*	0.11 *2*	2156.80?	$1/2,3/2,5/2^+$	762.61	$3/2^+$
1394.5 *5*	0.26 *3*	1868.57	$1/2,3/2,5/2^+$	473.21	$5/2^+$
1398.7 *3*	0.12 *2*	2029.97	$(3/2^-,5/2,7/2^+)$	631.37	$7/2^-$
1403.6 *9*	0.15 *3*	2189.6	$3/2^-,5/2,7/2^-$	786.10	$7/2^-$
1404.9 *4*	0.08 *3*	1877.92	$3/2^+,5/2^+$	473.21	$5/2^+$
1409.0 *9*	0.15 *3*	2592.66	$(3/2^-)$	1183.07	$(5/2^-,7/2,9/2)$
1416.9 *4*	0.11 *2*	1758.17	$(3/2^+,5/2,7/2^-)$	340.84	$(9/2^-)$
1416.9 *2*	0.19 *2*	2101.80?		685.00	$7/2^+$
1420.3 *13*	0.08 *3*	2206.763	$3/2^-$	786.10	$7/2^-$
1424.10 *11*	0.20 *2*	2206.763	$3/2^-$	782.62	$5/2^+$
1425.20 *14*	0.25 *3*	2048.62	$(3/2^+,5/2^+)$	622.975	$1/2^+$
1438.7 *6*	0.05 *2*	1778.99	$(5/2^-,7/2^+)$	340.84	$(9/2^-)$
1442.2 *4*	0.20 *5*	2224.92	$1/2^+$	782.62	$5/2^+$
1443.9 *2*	0.51 *3*	2206.763	$3/2^-$	762.61	$3/2^+$
1454.4 *4*	0.25 *3*	1956.23	$(3/2^+,5/2^+)$	501.930	$3/2^+$
1458.0 *5*	0.23 *2*	1959.21	$(3/2^-,5/2,7/2^+)$	501.930	$3/2^+$
1461.2 *2*	0.07 *1*	2243.83	$(7/2^+,9/2^+)$	782.62	$5/2^+$
1462.30 *22*	0.11 *2*	2224.92	$1/2^+$	762.61	$3/2^+$
1473.1 *4*	0.11 *3*	1975.5	$(3/2^+,5/2,7/2^-)$	501.930	$3/2^+$
1483.37 *25*	0.45 *2*	1956.23	$(3/2^+,5/2^+)$	473.21	$5/2^+$
1486.2 *3*	0.13 *2*	2109.10	$1/2,3/2,5/2^+$	622.975	$1/2^+$
1490.5 *12*	0.40 *12*	1992.67	$1/2,3/2,5/2^+$	501.930	$3/2^+$
1502.6 *3*	0.26 *4*	2856.45	$1/2^-$	1353.78	$3/2^-$
1507.6 *4*	0.06 *2*	2689.94	$1/2,3/2,5/2^+$	1183.07	$(5/2^-,7/2,9/2)$

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^{126}Te(n,γ) 2005Ho15 (continued)

$\gamma(^{127}Te)$ (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
1508.1 *3*	0.34 *6*	2009.85	3/2$^-$	501.930	3/2$^+$
1515.2 *4*	0.06 *1*	2278.32	5/2$^-$	762.61	3/2$^+$
1515.5 *3*	0.12 *2*	2138.08	1/2,3/2,5/2$^+$	622.975	1/2$^+$
1519.40 *25*	0.14 *15*	1992.67	1/2,3/2,5/2$^+$	473.21	5/2$^+$
1528.26 *18*	0.30 *4*	2029.97	(3/2$^-$,5/2,7/2$^+$)	501.930	3/2$^+$
1533.8 *7*	0.05 *2*	2156.80?	1/2,3/2,5/2$^+$	622.975	1/2$^+$
1536.72 *25*	0.35 *5*	2009.85	3/2$^-$	473.21	5/2$^+$
1542.09 *25*	0.22 *6*	2304.65?		762.61	3/2$^+$
1545.73 *18*	0.33 *6*	2328.32	1/2$^+$,3/2,5/2$^+$	782.62	5/2$^+$
1546.81 *21*	0.20 *2*	2729.65	3/2$^+$	1183.07	(5/2$^-$,7/2,9/2)
1546.88 *13*	0.44 *4*	2048.62	(3/2$^+$,5/2$^+$)	501.930	3/2$^+$
1552.9 *3*	0.33 *5*	2175.67	3/2$^+$,5/2$^+$	622.975	1/2$^+$
1554.30 *13*	0.48 *4*	2056.27	(3/2$^+$,5/2,7/2$^+$)	501.930	3/2$^+$
1555.2 *3*	0.09 *2*	2317.90	3/2$^-$	762.61	3/2$^+$
1555.4 *6*	0.09 *4*	2338.00	(3/2$^-$)	782.62	5/2$^+$
1556.1 *4*	0.11 *2*	2029.97	(3/2$^-$,5/2,7/2$^+$)	473.21	5/2$^+$
1558 *4*	0.18 *4*	2189.6	3/2$^-$,5/2,7/2$^-$	631.37	7/2$^-$
1559.9 *4*	0.07 *3*	2913.06	(1/2$^-$,3/2$^-$)	1353.78	3/2$^-$
1561.6 *4*	0.10 *4*	2915.91	(3/2,5/2$^+$)	1353.78	3/2$^-$
1564.68 *17*	0.16 *2*	2327.30?	7/2$^-$	762.61	3/2$^+$
1568.5 *6*	0.21 *7*	1568.06	5/2$^+$	0	3/2$^+$
1574.7 *4*	0.23 *6*	2357.89		782.62	5/2$^+$
1575.68 *20*	0.18 *3*	2048.62	(3/2$^+$,5/2$^+$)	473.21	5/2$^+$
1577.0 *4*	0.24 *5*	2339.66	(1/2,3/2,5/2$^+$)	762.61	3/2$^+$
1578.3 *5*	0.12 *4*	2359.55	3/2$^-$	782.62	5/2$^+$
1579.1 *4*	0.09 *2*	1919.52	7/2$^-$	340.84	(9/2$^-$)
1583.7 *6*	0.06 *2*	2056.27	(3/2$^+$,5/2,7/2$^+$)	473.21	5/2$^+$
1583.83 *10*	0.55 *3*	2206.763	3/2$^-$	622.975	1/2$^+$
1588.5 *4*	0.14 *4*	2878.01	(3/2,5/2$^+$)	1289.77	5/2$^+$
1598.9 *6*	0.09 *3*	2101.80?		501.930	3/2$^+$
1601.5 *4*	0.21 *7*	2224.92	1/2$^+$	622.975	1/2$^+$
1605.6 *5*	0.08 *2*	2391.37	(5/2$^-$)	786.10	7/2$^-$
1607.29 *12*	0.53 *4*	2109.10	1/2,3/2,5/2$^+$	501.930	3/2$^+$
1623.7 *5*	0.08 *2*	2932.00	(3/2,5/2$^+$)	1309.25	3/2$^+$,5/2$^+$
1625.3 *5*	0.07 *2*	2978.9?		1353.78	3/2$^-$
1635.5 *3*	0.38 *6*	2109.10	1/2,3/2,5/2$^+$	473.21	5/2$^+$
1635.9 *6*	0.09 *3*	2138.08	1/2,3/2,5/2$^+$	501.930	3/2$^+$
1637.2 *5*	0.11 *4*	3415.97	3/2$^-$	1778.99	(5/2$^-$,7/2$^+$)
1646.0 *3*	0.11 *2*	2120.00	1/2$^+$	473.21	5/2$^+$
1647.3 *4*	0.18 *4*	2278.32	5/2$^-$	631.37	7/2$^-$
1649.4 *3*		3679.00	1/2,3/2,5/2$^+$	2029.97	(3/2$^-$,5/2,7/2$^+$)
1655.4 *3*	0.22 *6*	2438.39	(3/2$^-$)	782.62	5/2$^+$
1664.9 *3*	0.16 *3*	2138.08	1/2,3/2,5/2$^+$	473.21	5/2$^+$
1675.74 *19*	0.13 *2*	2438.39	(3/2$^-$)	762.61	3/2$^+$
1676.0 *3*	0.22 *5*	2458.39	(1/2$^+$)	782.62	5/2$^+$
1686.4 *4*	0.20 *4*	2317.90	3/2$^-$	631.37	7/2$^-$
1693.9 *6*	0.06 *2*	2878.01	(3/2,5/2$^+$)	1183.07	(5/2$^-$,7/2,9/2)
1694.65 *15*	0.47 *4*	2317.90	3/2$^-$	622.975	1/2$^+$
1698.7 *7*	0.03 *1*	2772.98	(3/2$^-$,5/2$^+$)	1075.02	3/2$^+$
1704.8 *8*	0.73 *12*	2206.763	3/2$^-$	501.930	3/2$^+$
1704.9 *3*	0.11 *2*	2328.32	1/2$^+$,3/2,5/2$^+$	622.975	1/2$^+$
1706.4 *3*	2.17 *11*	2338.00	(3/2$^-$)	631.37	7/2$^-$
1706.4 *5*	0.08 *2*	2468.91	1/2$^-$	762.61	3/2$^+$
1711.8 *6*	0.07 *3*	1773.02	3/2$^+$,5/2$^+$	61.172	1/2$^+$
1723.1 *3*	0.20 *3*	2224.92	1/2$^+$	501.930	3/2$^+$
1730.0 *7*	0.05 *2*	2913.06	(1/2$^-$,3/2$^-$)	1183.07	(5/2$^-$,7/2,9/2)

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^{126}Te(n,γ) 2005Ho15 (continued)

$\gamma(^{127}Te)$ (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
1733.1 *4*	0.10 *2*	2206.763	$3/2^-$	473.21	$5/2^+$
1733.6 *4*	0.10 *2*	2915.91	$(3/2,5/2^+)$	1183.07	$(5/2^-,7/2,9/2)$
1743.4 *6*	0.04 *1*	2429.21	$(3/2^+,5/2^+)$	685.00	$7/2^+$
1744.2 *3*	0.22 *4*	2246.06	$3/2^-$	501.930	$3/2^+$
1748.6 *7*	0.12 *4*	2932.00	$(3/2,5/2^+)$	1183.07	$(5/2^-,7/2,9/2)$
1751.8 *4*	0.14 *3*	2254.03	$3/2^+,5/2^+$	501.930	$3/2^+$
1752.0 *4*	0.09 *2*	2224.92	$1/2^+$	473.21	$5/2^+$
1760.2 *4*	0.10 *2*	2391.37	$(5/2^-)$	631.37	$7/2^-$
1770.6 *5*	0.08 *2*	2243.83	$(7/2^+,9/2^+)$	473.21	$5/2^+$
1770.7 *7*	0.22 *8*	2954.75	$(3/2^-)$	1183.07	$(5/2^-,7/2,9/2)$
1773.1 *4*	0.38 *8*	1773.02	$3/2^+,5/2^+$	0	$3/2^+$
1776.6 *5*	0.54 *4*	2278.32	$5/2^-$	501.930	$3/2^+$
1780.6 *4*	0.36 *6*	2254.03	$3/2^+,5/2^+$	473.21	$5/2^+$
1801.9 *9*	0.09 *3*	2304.65?		501.930	$3/2^+$
1805.2 *6*	0.08 *2*	2592.66	$(3/2^-)$	786.10	$7/2^-$
1806.52 *17*	0.39 *4*	2429.21	$(3/2^+,5/2^+)$	622.975	$1/2^+$
1816.14 *16*	0.32 *3*	2317.90	$3/2^-$	501.930	$3/2^+$
1827.67 *20*	0.35 *4*	1888.68	$1/2^+$	61.172	$1/2^+$
1831.1 *3*	0.30 *4*	1919.52	$7/2^-$	88.16	$11/2^-$
1835.6 *7*	0.08 *3*	2338.00	$(3/2^-)$	501.930	$3/2^+$
1836.1 *7*	0.05 *2*	2458.39	$(1/2^+)$	622.975	$1/2^+$
1844.53 *10*	0.63 *10*	2317.90	$3/2^-$	473.21	$5/2^+$
1845.87 *22*	0.18 *2*	2468.91	$1/2^-$	622.975	$1/2^+$
1855.2 *3*	0.15 *2*	2328.32	$1/2^+,3/2,5/2^+$	473.21	$5/2^+$
1856.1 *3*	0.24 *3*	2357.89		501.930	$3/2^+$
1865.0 *3*	0.20 *4*	2338.00	$(3/2^-)$	473.21	$5/2^+$
1869.5 *3*	0.19 *3*	2492.7	$(1/2,3/2,5/2^+)$	622.975	$1/2^+$
1877.88 *24*	0.27 *3*	1877.92	$3/2^+,5/2^+$	0	$3/2^+$
1885.1 *5*	0.09 *2*	2357.89		473.21	$5/2^+$
1888.1 *3*	0.27 *4*	1888.68	$1/2^+$	0	$3/2^+$
1888.3 *4*	0.09 *2*	2519.5	$(5/2,7/2^-)$	631.37	$7/2^-$
1895.4 *6*	0.07 *2*	1956.23	$(3/2^+,5/2^+)$	61.172	$1/2^+$
1936.7 *3*	0.21 *3*	2438.39	$(3/2^-)$	501.930	$3/2^+$
1948.6 *5*	0.10 *3*	3131.6?		1183.07	$(5/2^-,7/2,9/2)$
1948.72 *7*	1.98 *6*	2009.85	$3/2^-$	61.172	$1/2^+$
1956.6 *4*	0.30 *6*	1956.23	$(3/2^+,5/2^+)$	0	$3/2^+$
1966.9 *5*	0.05 *1*	2468.91	$1/2^-$	501.930	$3/2^+$
1966.96 *8*	0.20 *7*	2729.65	$3/2^+$	762.61	$3/2^+$
1969.6 *5*	0.09 *2*	2592.66	$(3/2^-)$	622.975	$1/2^+$
1984.8 *3*	0.13 *2*	2458.39	$(1/2^+)$	473.21	$5/2^+$
1987.3 *6*	0.08 *2*	2772.98	$(3/2^-,5/2^+)$	786.10	$7/2^-$
1991.5 *6*	0.10 *3*	2492.7	$(1/2,3/2,5/2^+)$	501.930	$3/2^+$
1992.75 *21*	0.07 *7*	1992.67	$1/2,3/2,5/2^+$	0	$3/2^+$
2009.9 *6*	0.21 *7*	2009.85	$3/2^-$	0	$3/2^+$
2044.5 *5*	0.07 *2*	2667.24	$1/2^-$	622.975	$1/2^+$
2058.05 *22*	0.06 *2*	2689.94	$1/2,3/2,5/2^+$	631.37	$7/2^-$
2058.85 *12*	0.61 *4*	2120.00	$1/2^+$	61.172	$1/2^+$
2061.0 *5*	0.04 *2*	3865.66	$(3/2^-,5/2^+)$	1805.51	$1/2^+,3/2$
2067.1 *7*	0.06 *2*	2689.94	$1/2,3/2,5/2^+$	622.975	$1/2^+$
2077.2 *3*	0.17 *6*	3764.54	$1/2,3/2,5/2^+$	1687.56	$3/2^-$
2080.9 *3*	0.13 *2*	2554.1?		473.21	$5/2^+$
2082.95 *9*	2.34 *12*	2144.14	$3/2^-$	61.172	$1/2^+$
2090.67 *20*	0.36 *4*	2592.66	$(3/2^-)$	501.930	$3/2^+$
2115.6 *7*	0.14 *5*	3254.8		1140.23	$5/2^+$
2115.8 *6*	0.08 *3*	2878.01	$(3/2,5/2^+)$	762.61	$3/2^+$
2117.28 *20*	0.58 *3*	2619.23	$1/2^-$	501.930	$3/2^+$

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π
2122.07 *18*	0.38 *3*	2904.82	1/2,3/2	782.62	$5/2^+$
2136.8 *6*	0.21 *5*	2138.08	$1/2,3/2,5/2^+$	0	$3/2^+$
2145.57 *1*	9.23 *9*	2206.763	$3/2^-$	61.172	$1/2^+$
2150.2 *6*	0.08 *3*	2772.98	$(3/2^-,5/2^+)$	622.975	$1/2^+$
2151.0 *5*	0.08 *3*	2913.06	$(1/2^-,3/2^-)$	762.61	$3/2^+$
2175.4 *5*	0.31 *7*	2175.67	$3/2^+,5/2^+$	0	$3/2^+$
2187.5 *7*	0.09 *3*	2689.94	$1/2,3/2,5/2^+$	501.930	$3/2^+$
2192.5 *5*	0.13 *4*	2954.75	$(3/2^-)$	762.61	$3/2^+$
2206.77 *4*	2.4 *5*	2206.763	$3/2^-$	0	$3/2^+$
2209.0 *5*	0.11 *3*	3391.76	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
2217.2 *5*	0.09 *2*	2689.94	$1/2,3/2,5/2^+$	473.21	$5/2^+$
2230.4 *3*	0.40 *8*	6287.590	$1/2^+$	4057.32	$1/2,3/2,5/2^+$
2233.4 *6*	0.17 *4*	3415.97	$3/2^-$	1183.07	$(5/2^-,7/2,9/2)$
2250.9 *3*		6287.590	$1/2^+$	4036.59	$1/2,3/2,5/2^+$
2278.45 *19*	0.43 *4*	2339.66	$(1/2,3/2,5/2^+)$	61.172	$1/2^+$
2289.4 *7*	0.04 *2*	2762.8?	1/2,3/2	473.21	$5/2^+$
2289.4 *6*	0.08 *2*	2913.06	$(1/2^-,3/2^-)$	622.975	$1/2^+$
2292.9 *4*	0.23 *4*	2915.91	$(3/2,5/2^+)$	622.975	$1/2^+$
2299.4 *7*	0.09 *3*	2772.98	$(3/2^-,5/2^+)$	473.21	$5/2^+$
2309.2 *5*	0.09 *2*	2932.00	$(3/2,5/2^+)$	622.975	$1/2^+$
2313.93 *25*	0.39 *4*	6287.590	$1/2^+$	3973.69	$1/2,3/2,5/2^+$
2318.1 *6*	0.14 *4*	2317.90	$3/2^-$	0	$3/2^+$
2331.5 *6*	0.08 *2*	2954.75	$(3/2^-)$	622.975	$1/2^+$
2338.6 *4*	0.24 *7*	2338.00	$(3/2^-)$	0	$3/2^+$
2339.5 *3*	0.31 *4*	2339.66	$(1/2,3/2,5/2^+)$	0	$3/2^+$
2348.8 *7*	0.07 *2*	3131.6?		782.62	$5/2^+$
2359.37 *22*	0.24 *5*	2359.55	$3/2^-$	0	$3/2^+$
2363.3 *5*	0.10 *3*	2994.4	$(3/2^-,5/2,7/2^+)$	631.37	$7/2^-$
2365.29 *9*	0.95 *4*	6287.590	$1/2^+$	3922.27	$1/2,3/2,5/2^+$
2371.4 *8*	0.10 *4*	3153.8	$(3/2)^-$	782.62	$5/2^+$
2376.4 *4*	0.11 *4*	2878.01	$(3/2,5/2^+)$	501.930	$3/2^+$
2377.24 *14*	0.26 *5*	2438.39	$(3/2^-)$	61.172	$1/2^+$
2404.0 *5*	0.13 *3*	2904.82	1/2,3/2	501.930	$3/2^+$
2404.00 *20*	0.48 *4*	6287.590	$1/2^+$	3883.52	$1/2^+,3/2,5/2^+$
2404.9 *6*	0.07 *3*	2878.01	$(3/2,5/2^+)$	473.21	$5/2^+$
2407.85 *9*	0.83 *3*	2468.91	$1/2^-$	61.172	$1/2^+$
2422.04 *16*	0.52 *4*	6287.590	$1/2^+$	3865.66	$(3/2^-,5/2^+)$
2428.4 *3*	0.28 *3*	2429.21	$(3/2^+,5/2^+)$	0	$3/2^+$
2430.1 *7*	0.08 *2*	2904.82	1/2,3/2	473.21	$5/2^+$
2434.73 *12*	0.66 *5*	6287.590	$1/2^+$	3852.86	$1/2,3/2,5/2^+$
2435.47 *16*	0.91 *23*	2496.81	$3/2^+,5/2$	61.172	$1/2^+$
2438.4 *3*	0.06 *1*	2438.39	$(3/2^-)$	0	$3/2^+$
2442.1 *5*	0.15 *4*	2915.91	$(3/2,5/2^+)$	473.21	$5/2^+$
2451.5 *4*	0.32 *5*	6287.590	$1/2^+$	3836.3	$1/2,3/2,5/2^+$
2454.5 *12*	0.08 *3*	2954.75	$(3/2^-)$	501.930	$3/2^+$
2458.6 *7*	0.08 *3*	2932.00	$(3/2,5/2^+)$	473.21	$5/2^+$
2468.97 *5*	2.36 *5*	2468.91	$1/2^-$	0	$3/2^+$
2481.4 *3*	0.14 *3*	2954.75	$(3/2^-)$	473.21	$5/2^+$
2491.7 *4*	0.09 *3*	3254.8		762.61	$3/2^+$
2492.1 *5*	0.15 *4*	2994.4	$(3/2^-,5/2,7/2^+)$	501.930	$3/2^+$
2496.4 *6*		3679.00	$1/2,3/2,5/2^+$	1183.07	$(5/2^-,7/2,9/2)$
2500.2 *6*	0.11 *3*	2561.26	$(1/2^-,3/2,5/2^+)$	61.172	$1/2^+$
2505.5 *5*	0.08 *2*	2978.9?		473.21	$5/2^+$
2523.09 *16*	0.82 *5*	6287.590	$1/2^+$	3764.54	$1/2,3/2,5/2^+$
2523.4 *6*	0.06 *2*	3286.8?	$(1/2,3/2,5/2^+)$	762.61	$3/2^+$
2529.8 *7*	0.14 *5*	3883.52	$1/2^+,3/2,5/2^+$	1353.78	$3/2^-$

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π	Mult.	α [@]	Comments
2557.92 *8*	1.21 *4*	2619.23	1/2⁻	61.172	1/2⁺			
2561.8 *3*	0.23 *3*	2561.26	(1/2⁻,3/2,5/2⁺)	0	3/2⁺			
2568.7 *6*	0.15 *4*	3922.27	1/2,3/2,5/2⁺	1353.78	3/2⁻			
2580.8 *8*	0.08 *3*	3764.54	1/2,3/2,5/2⁺	1183.07	(5/2⁻,7/2,9/2)			
2592.5 *3*	0.40 *4*	2592.66	(3/2⁻)	0	3/2⁺			
2606.9 *8*	0.03 *1*	2667.24	1/2⁻	61.172	1/2⁺			
2608.68 *15*	0.59 *4*	6287.590	1/2⁺	3679.00	1/2,3/2,5/2⁺			
2619.2 *3*	0.26 *4*	2619.23	1/2⁻	0	3/2⁺			
2624.2 *6*	0.22 *8*	3764.54	1/2,3/2,5/2⁺	1140.23	5/2⁺			
2629.2 *4*	0.22 *5*	2689.94	1/2,3/2,5/2⁺	61.172	1/2⁺			
2630.7 *8*	0.05	3391.76	3/2⁻	762.61	3/2⁺			
2653.2 *6*	0.16 *4*	3415.97	3/2⁻	762.61	3/2⁺			
2664.6 *6*	0.08 *2*	3286.8?	(1/2,3/2,5/2⁺)	622.975	1/2⁺			
2667.13 *23*	0.32 *5*	2667.24	1/2⁻	0	3/2⁺			
2668.9 *4*	0.20 *5*	2729.65	3/2⁺	61.172	1/2⁺			
2669.9 *3*	0.09 *3*	3852.86	1/2,3/2,5/2⁺	1183.07	(5/2⁻,7/2,9/2)			
2680.1 *6*	0.07 *2*	3153.8	(3/2)⁻	473.21	5/2⁺			
2680.1 *6*	0.07 *2*	3973.69	1/2,3/2,5/2⁺	1293.17	(3/2⁺,5/2,7/2⁺)			
2683.1 *9*	0.07 *3*	3865.66	(3/2⁻,5/2⁺)	1183.07	(5/2⁻,7/2,9/2)			
2690.5 *6*	0.10 *3*	2689.94	1/2,3/2,5/2⁺	0	3/2⁺			
2700.5 *3*	0.45 *5*	2700.71	1/2,3/2,5/2⁺	0	3/2⁺			
2711.7 *4*	0.10 *4*	2772.98	(3/2⁻,5/2⁺)	61.172	1/2⁺			
2720.5 *3*	0.33 *5*	6287.590	1/2⁺	3567.37	1/2,3/2,5/2⁺			
2729.5 *4*	0.20 *5*	2729.65	3/2⁺	0	3/2⁺			
2742.16 *12*	0.68 *3*	6287.590	1/2⁺	3545.44	(1/2⁻,3/2⁻)	(E1)	0.001190 *17*	α=0.001190 *17*; α(K)=0.0001012 *15*; α(L)=1.179×10⁻⁵ *17*; α(M)=2.33×10⁻⁶ *4*; α(N+..)=0.001075 α(N)=4.61×10⁻⁷ *7*; α(O)=5.07×10⁻⁸ *7*; α(IPF)=0.001074 *15*
2759.0 *3*	0.30 *5*	2759.1	3/2⁺	0	3/2⁺			
2762.2 *7*	0.10 *4*	2762.8?	1/2,3/2	0	3/2⁺			
2769.6 *6*	0.11 *5*	3391.76	3/2⁻	622.975	1/2⁺			
2773.7 *5*	0.07 *3*	2772.98	(3/2⁻,5/2⁺)	0	3/2⁺			
2781.8 *5*	0.11 *2*	3254.8		473.21	5/2⁺			
2793.3 *5*	0.16 *2*	3415.97	3/2⁻	622.975	1/2⁺			
2795.4 *3*	0.41 *12*	2856.45	1/2⁻	61.172	1/2⁺			
2804.3 *8*	0.04 *1*	3567.37	1/2,3/2,5/2⁺	762.61	3/2⁺			
2816.73 *25*	0.20 *8*	2878.01	(3/2,5/2⁺)	61.172	1/2⁺			
2851.7 *6*	0.09	2913.06	(1/2⁻,3/2⁻)	61.172	1/2⁺			
2871.5 *4*	0.35 *4*	6287.590	1/2⁺	3415.97	3/2⁻	(E1)	0.001253 *18*	α=0.001253 *18*; α(K)=9.47×10⁻⁵ *14*; α(L)=1.102×10⁻⁵ *16*; α(M)=2.18×10⁻⁶ *3*; α(N+..)=0.001145 *1* α(N)=4.31×10⁻⁷ *6*; α(O)=4.74×10⁻⁸ *7*; α(IPF)=0.001144 *16*
2873.4 *3*	0.22 *3*	3375.4?	(1/2⁻,3/2⁻,5/2⁻)	501.930	3/2⁺			
2877.7 *8*	0.04 *2*	2878.01	(3/2,5/2⁺)	0	3/2⁺			
2896.00 *17*	0.54 *4*	6287.590	1/2⁺	3391.76	3/2⁻	(E1)	0.001264 *18*	α=0.001264 *18*; α(K)=9.35×10⁻⁵ *13*;

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^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π	Mult.	α [@]	Comments
								α(L)=1.089×10^{-5} *16*; α(M)=2.15×10^{-6} *3*; α(N+..)=0.001157 *1* α(N)=4.26×10^{-7} *6*; α(O)=4.68×10^{-8} *7*; α(IPF)=0.001157 *17*
2912.7 *5*	0.16 *3*	3415.97	3/2$^-$	501.930	3/2$^+$			
2916.45 *25*	0.36 *4*	2915.91	(3/2,5/2$^+$)	0	3/2$^+$			
2918.6 *4*	0.17 *3*	3391.76	3/2$^-$	473.21	5/2$^+$			
2943.3 *6*	0.08 *3*	3567.37	1/2,3/2,5/2$^+$	622.975	1/2$^+$			
2943.6 *8*	0.11 *3*	3415.97	3/2$^-$	473.21	5/2$^+$			
2955.2 *9*	0.13 *5*	2954.75	(3/2$^-$)	0	3/2$^+$			
2956.1 *7*	0.06 *3*	3719.6	(1/2,3/2,5/2$^+$)	762.61	3/2$^+$			
3093.8 *6*	0.18 *4*	3595.8		501.930	3/2$^+$			
3093.9 *7*	0.08	3153.8	(3/2)$^-$	61.172	1/2$^+$			
3094.9 *5*	0.25 *4*	3567.37	1/2,3/2,5/2$^+$	473.21	5/2$^+$			
3099.0 *6*	0.07 *2*	3572.3?	(3/2$^-$)	473.21	5/2$^+$			
3154.5 *7*	0.12 *3*	3153.8	(3/2)$^-$	0	3/2$^+$			
3218.5 *7*	0.06 *3*	3719.6	(1/2,3/2,5/2$^+$)	501.930	3/2$^+$			
3235.2 *8*	0.07 *2*	3865.66	(3/2$^-$,5/2$^+$)	631.37	7/2$^-$			
3332.90 *14*	0.86 *5*	6287.590	1/2$^+$	2954.75	(3/2$^-$)	(E1)	0.001464 *21*	α=0.001464 *21*; α(K)=7.67×10^{-5} *11*; α(L)=8.91×10^{-6} *13*; α(M)=1.760×10^{-6} *25*; α(N+..)=0.001376 α(N)=3.49×10^{-7} *5*; α(O)=3.83×10^{-8} *6*; α(IPF)=0.001376 *20*
3334.6 *6*	0.13 *4*	3836.3	1/2,3/2,5/2$^+$	501.930	3/2$^+$			
3350.2 *6*	0.13 *6*	3852.86	1/2,3/2,5/2$^+$	501.930	3/2$^+$			
3355.8 *4*	0.26 *5*	6287.590	1/2$^+$	2932.00	(3/2,5/2$^+$)			
3363.3 *4*	0.07 *3*	3865.66	(3/2$^-$,5/2$^+$)	501.930	3/2$^+$			
3372.08 *23*	0.92 *7*	6287.590	1/2$^+$	2915.91	(3/2,5/2$^+$)			
3374.2 *6*	0.43 *7*	6287.590	1/2$^+$	2913.06	(1/2$^-$,3/2$^-$)			
3380.1 *5*	0.09 *4*	3852.86	1/2,3/2,5/2$^+$	473.21	5/2$^+$			
3382.3 *5*	0.48 *15*	6287.590	1/2$^+$	2904.82	1/2,3/2			
3392.2 *9*	0.05 *2*	3391.76	3/2$^-$	0	3/2$^+$			
3409.5 *5*	0.13 *3*	3883.52	1/2$^+$,3/2,5/2$^+$	473.21	5/2$^+$			
3409.6 *3*	0.41 *5*	6287.590	1/2$^+$	2878.01	(3/2,5/2$^+$)			
3431.5 *6*	0.19 *4*	6287.590	1/2$^+$	2856.45	1/2$^-$	(E1)	0.001505 *21*	α=0.001505 *21*; α(K)=7.37×10^{-5} *11*; α(L)=8.56×10^{-6} *12*; α(M)=1.690×10^{-6} *24*; α(N+..)=0.001421 α(N)=3.35×10^{-7} *5*; α(O)=3.68×10^{-8} *6*; α(IPF)=0.001420 *20*
3480.6 *6*	0.02 *1*	3954.1?	1/2,3/2	473.21	5/2$^+$			
3484.4 *3*	0.36 *4*	3545.44	(1/2$^-$,3/2$^-$)	61.172	1/2$^+$			
3506.6 *4*	0.11 *5*	3567.37	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3514.55 *19*	0.57 *5*	6287.590	1/2$^+$	2772.98	(3/2$^-$,5/2$^+$)			
3524.2 *6*	0.16 *1*	6287.590	1/2$^+$	2762.8?	1/2,3/2			
3528.4 *5*	0.42 *7*	6287.590	1/2$^+$	2759.1	3/2$^+$			
3545.5 *3*	0.46 *6*	3545.44	(1/2$^-$,3/2$^-$)	0	3/2$^+$			
3557.6 *3*	0.59 *8*	6287.590	1/2$^+$	2729.65	3/2$^+$			

Continued on next page (footnotes at end of table)

^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π	Mult.	α [@]	Comments
3567.6 *5*	0.10 *5*	3567.37	1/2,3/2,5/2$^+$	0	3/2$^+$			
3584.0 *5*	0.08 *4*	4057.32	1/2,3/2,5/2$^+$	473.21	5/2$^+$			
3586.5 *4*	0.18 *4*	6287.590	1/2$^+$	2700.71	1/2,3/2,5/2$^+$			
3597.6 *5*	0.21 *4*	6287.590	1/2$^+$	2689.94	1/2,3/2,5/2$^+$			
3617.3 *11*		3679.00	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3620.50 *21*	0.60 *5*	6287.590	1/2$^+$	2667.24	1/2$^-$	(E1)	0.001574 *22*	α=0.001574 *22*; α(K)=6.84×10^{-5} *10*; α(L)=7.94×10^{-6} *12*; α(M)=1.568×10^{-6} *22*; α(N+..)=0.001496 α(N)=3.11×10^{-7} *5*; α(O)=3.42×10^{-8} *5*; α(IPF)=0.001496 *21*
3658.9 *7*	0.06 *3*	3719.6	(1/2,3/2,5/2$^+$)	61.172	1/2$^+$			
3668.19 *9*	1.47 *4*	6287.590	1/2$^+$	2619.23	1/2$^-$	(E1)	0.001594 *23*	α=0.001594 *23*; α(K)=6.72×10^{-5} *10*; α(L)=7.80×10^{-6} *11*; α(M)=1.540×10^{-6} *22*; α(N+..)=0.001518 α(N)=3.05×10^{-7} *5*; α(O)=3.36×10^{-8} *5*; α(IPF)=0.001517 *22*
3679.0 *6*		3679.00	1/2,3/2,5/2$^+$	0	3/2$^+$			
3694.76 *9*	1.43 *6*	6287.590	1/2$^+$	2592.66	(3/2$^-$)			
3704.1 *9*	0.25 *7*	3764.54	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3718.9 *9*	0.05 *3*	3719.6	(1/2,3/2,5/2$^+$)	0	3/2$^+$			
3726.23 *24*	0.42 *4*	6287.590	1/2$^+$	2561.26	(1/2$^-$,3/2,5/2$^+$)			
3776.3 *8*	0.11 *3*	3836.3	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3790.63 *21*	0.63 *4*	6287.590	1/2$^+$	2496.81	3/2$^+$,5/2			
3804.9 *5*	0.03 *2*	3865.66	(3/2$^-$,5/2$^+$)	61.172	1/2$^+$			
3818.66 *3*	6.37 *6*	6287.590	1/2$^+$	2468.91	1/2$^-$	(E1)	0.001659 *24*	α=0.001659 *24*; α(K)=6.36×10^{-5} *9*; α(L)=7.38×10^{-6} *11*; α(M)=1.457×10^{-6} *21*; α(N+..)=0.001586 *2* α(N)=2.89×10^{-7} *4*; α(O)=3.18×10^{-8} *5*; α(IPF)=0.001586 *23*
3821.8 *4*	0.41 *10*	3883.52	1/2$^+$,3/2,5/2$^+$	61.172	1/2$^+$			
3835.9 *6*	0.23 *6*	3836.3	1/2,3/2,5/2$^+$	0	3/2$^+$			
3849.18 *25*	0.53 *5*	6287.590	1/2$^+$	2438.39	(3/2$^-$)			
3857.9 *4*	0.43 *6*	6287.590	1/2$^+$	2429.21	(3/2$^+$,5/2$^+$)			
3860.90 *23*	0.27 *6*	3922.27	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3883.9 *3*	0.57 *13*	3883.52	1/2$^+$,3/2,5/2$^+$	0	3/2$^+$			
3912.7 *5*	0.27 *14*	3973.69	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3922.7 *6*	0.06 *2*	3922.27	1/2,3/2,5/2$^+$	0	3/2$^+$			
3928.7 *6*	0.23 *5*	6287.590	1/2$^+$	2359.55	3/2$^-$			
3949.5 *3*	0.31 *4*	6287.590	1/2$^+$	2338.00	(3/2$^-$)			
3954.5 *9*	0.080 *3*	3954.1?	1/2,3/2	0	3/2$^+$			
3959.1 *6*	0.33 *11*	6287.590	1/2$^+$	2328.32	1/2$^+$,3/2,5/2$^+$			
3969.58 *6*	2.39 *5*	6287.590	1/2$^+$	2317.90	3/2$^-$	(E1)	0.001715 *24*	α=0.001715 *24*; α(K)=6.04×10^{-5} *9*; α(L)=7.00×10^{-6} *10*;

Continued on next page (footnotes at end of table)

^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ †	I_γ ‡#	E_i(level)	J_i^π	E_f	J_f^π	Mult.	α @	Comments
								α(M)=1.382×10^{-6} *20*; α(N+..)=0.001646 *2* α(N)=2.74×10^{-7} *4*; α(O)=3.01×10^{-8} *5*; α(IPF)=0.001646 *23*
3974.3 *8*	0.13 *7*	3973.69	1/2,3/2,5/2$^+$	0	3/2$^+$			
3975.3 *4*		4036.59	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
3996.4 *4*	0.12 *5*	4057.32	1/2,3/2,5/2$^+$	61.172	1/2$^+$			
4036.2 *8*		4036.59	1/2,3/2,5/2$^+$	0	3/2$^+$			
4041.62 *25*	0.55 *6*	6287.590	1/2$^+$	2246.06	3/2$^-$	(E1)	0.001742 *25*	α=0.001742 *25*; α(K)=5.89×10^{-5} *9*; α(L)=6.83×10^{-6} *10*; α(M)=1.349×10^{-6} *19*; α(N+..)=0.001675 *2* α(N)=2.67×10^{-7} *4*; α(O)=2.94×10^{-8} *5*; α(IPF)=0.001675 *24*
4080.75 *3*	13.00 *13*	6287.590	1/2$^+$	2206.763	3/2$^-$	(E1)	0.001757 *25*	α=0.001757 *25*; α(K)=5.82×10^{-5} *9*; α(L)=6.75×10^{-6} *10*; α(M)=1.332×10^{-6} *19*; α(N+..)=0.001690 *2* α(N)=2.64×10^{-7} *4*; α(O)=2.90×10^{-8} *4*; α(IPF)=0.001690 *24*
4112.2 *5*	0.27 *5*	6287.590	1/2$^+$	2175.67	3/2$^+$,5/2$^+$			
4131.1 *10*		6287.590	1/2$^+$	2156.80?	1/2,3/2,5/2$^+$			
4143.42 *7*	2.34 *5*	6287.590	1/2$^+$	2144.14	3/2$^-$	(E1)	0.001780 *25*	α=0.001780 *25*; α(K)=5.70×10^{-5} *8*; α(L)=6.61×10^{-6} *10*; α(M)=1.305×10^{-6} *19*; α(N+..)=0.001715 *2* α(N)=2.59×10^{-7} *4*; α(O)=2.84×10^{-8} *4*; α(IPF)=0.001715 *24*
4149.6 *5*	0.25 *11*	6287.590	1/2$^+$	2138.08	1/2,3/2,5/2$^+$			
4167.2 *3*	0.21 *4*	6287.590	1/2$^+$	2120.00	1/2$^+$			
4178.9 *3*	0.31 *4*	6287.590	1/2$^+$	2109.10	1/2,3/2,5/2$^+$			
4277.7 *7*	2.15 *4*	6287.590	1/2$^+$	2009.85	3/2$^-$	(E1)	0.00183 *3*	α=0.00183 *3*; α(K)=5.46×10^{-5} *8*; α(L)=6.33×10^{-6} *9*; α(M)=1.250×10^{-6} *18*; α(N+..)=0.001766 *25* α(N)=2.48×10^{-7} *4*; α(O)=2.72×10^{-8} *4*; α(IPF)=0.001765 *25*
4295.0 *3*	0.45 *5*	6287.590	1/2$^+$	1992.67	1/2,3/2,5/2$^+$			
4331.1 *3*	0.44 *5*	6287.590	1/2$^+$	1956.23	(3/2$^+$,5/2$^+$)			
4399 *4*	0.39 *5*	6287.590	1/2$^+$	1888.68	1/2$^+$			
4410.2 *9*		6287.590	1/2$^+$	1877.92	3/2$^+$,5/2$^+$			
4419.9 *7*	0.29 *19*	6287.590	1/2$^+$	1868.57	1/2,3/2,5/2$^+$			
4482.2 *6*	0.23 *5*	6287.590	1/2$^+$	1805.51	1/2$^+$,3/2			
4514.08 *19*	0.85 *5*	6287.590	1/2$^+$	1773.02	3/2$^+$,5/2$^+$			
4600.7 *7*		6287.590	1/2$^+$	1687.56	3/2$^-$	(E1)	0.00194 *3*	α=0.00194 *3*; α(K)=4.96×10^{-5} *7*;

Continued on next page (footnotes at end of table)

^{126}Te(n,γ) 2005Ho15 (continued)

γ(^{127}Te) (continued)

E_γ [†]	I_γ [‡#]	E_i(level)	J_i^π	E_f	J_f^π	Mult.	α [@]	Comments
								α(L)=5.75×10^{-6} *8*; α(M)=1.135×10^{-6} *16*; α(N+..)=0.00188 *3* α(N)=2.25×10^{-7} *4*; α(O)=2.47×10^{-8} *4*; α(IPF)=0.00188 *3*
4933.86 *13*	1.84 *13*	6287.590	1/2$^+$	1353.78	3/2$^-$	(E1)	0.00204 *3*	α=0.00204 *3*; α(K)=4.53×10^{-5} *7*; α(L)=5.24×10^{-6} *8*; α(M)=1.035×10^{-6} *15*; α(N+..)=0.00199 *3* α(N)=2.05×10^{-7} *3*; α(O)=2.26×10^{-8} *4*; α(IPF)=0.00199 *3*
4977.8 *3*	0.22 *6*	6287.590	1/2$^+$	1309.25	3/2$^+$,5/2$^+$			
5212.2 *7*	0.19 *5*	6287.590	1/2$^+$	1075.02	3/2$^+$			
5663.95 *20*	0.98 *5*	6287.590	1/2$^+$	622.975	1/2$^+$			
5785.3 *3*	0.87 *7*	6287.590	1/2$^+$	501.930	3/2$^+$			
5813.95 *21*	0.48 *6*	6287.590	1/2$^+$	473.21	5/2$^+$			
6226.5 *5*	0.76 *11*	6287.590	1/2$^+$	61.172	1/2$^+$			
6287.15 *9*	2.75 *8*	6287.590	1/2$^+$	0	3/2$^+$			

[†] Recoil corrected (2005Ho15).
[‡] γ per 100 neutron captures.
[#] For intensity per 100 neutron captures, multiply by 1.00 *15*.
[@] Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ-ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.
[&] Placement of transition in the level scheme is uncertain.

^{126}Te(n,γ) 2005Ho15

Level Scheme

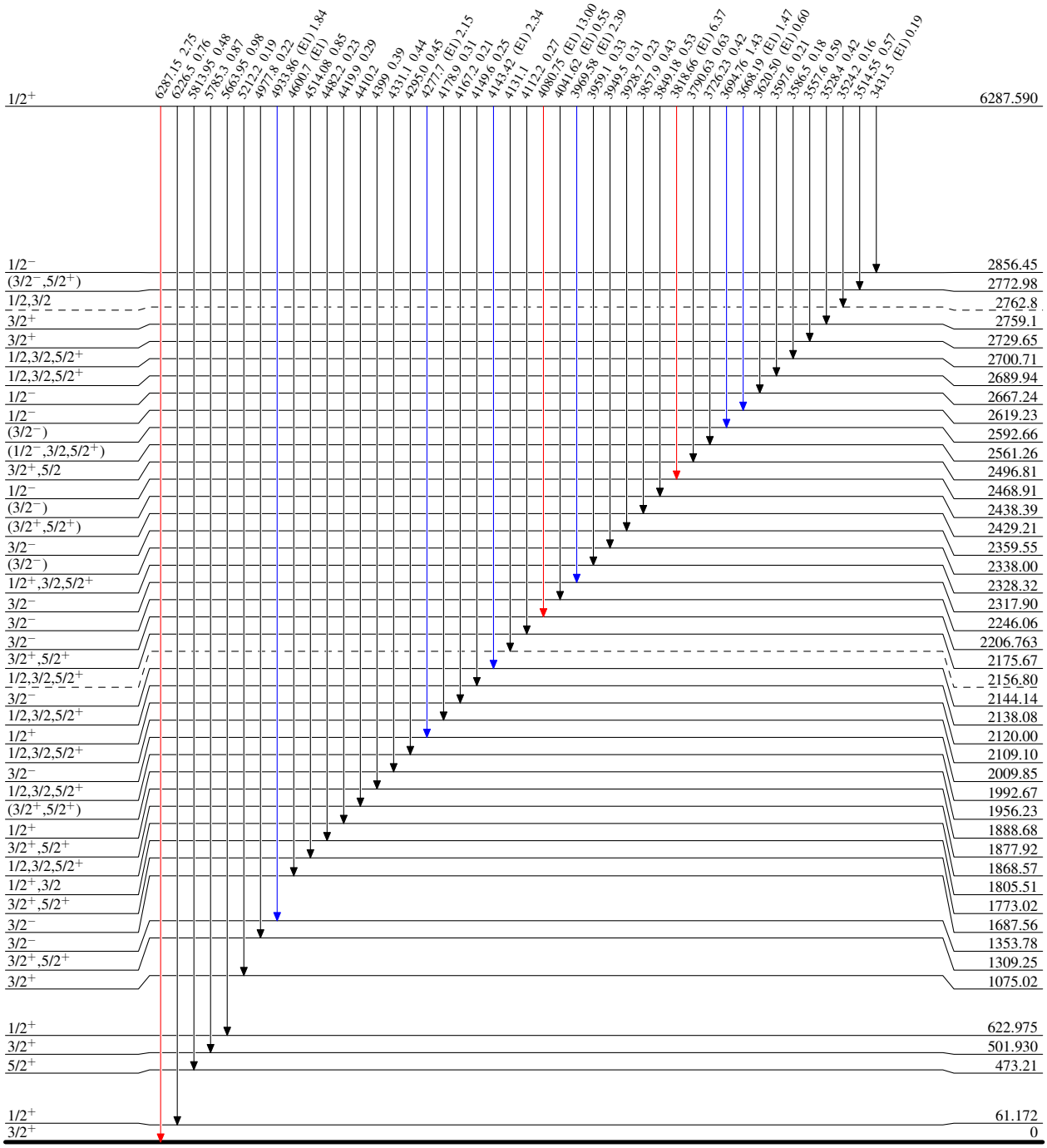
Intensities: Relative I_γ

Legend

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

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

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

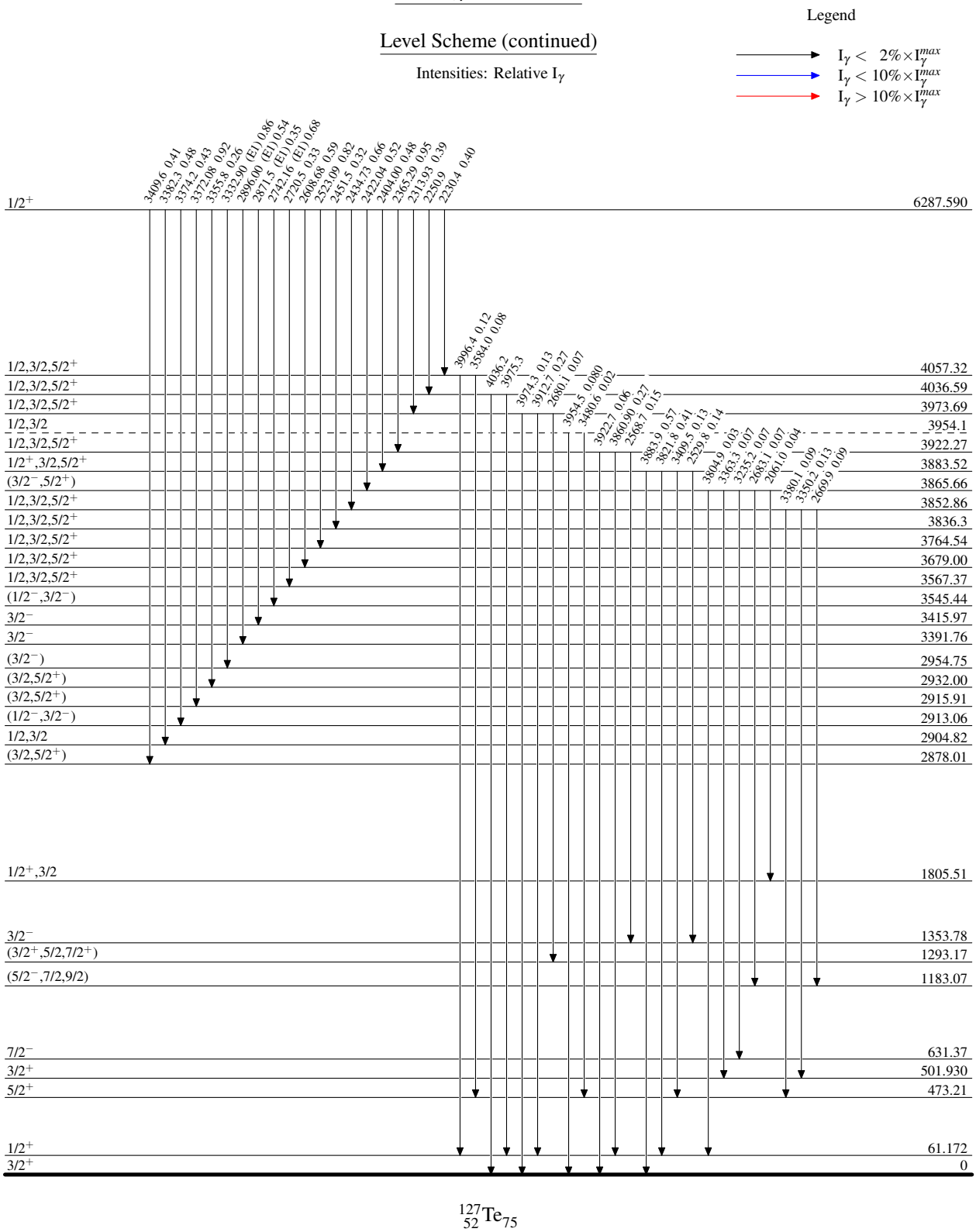


$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

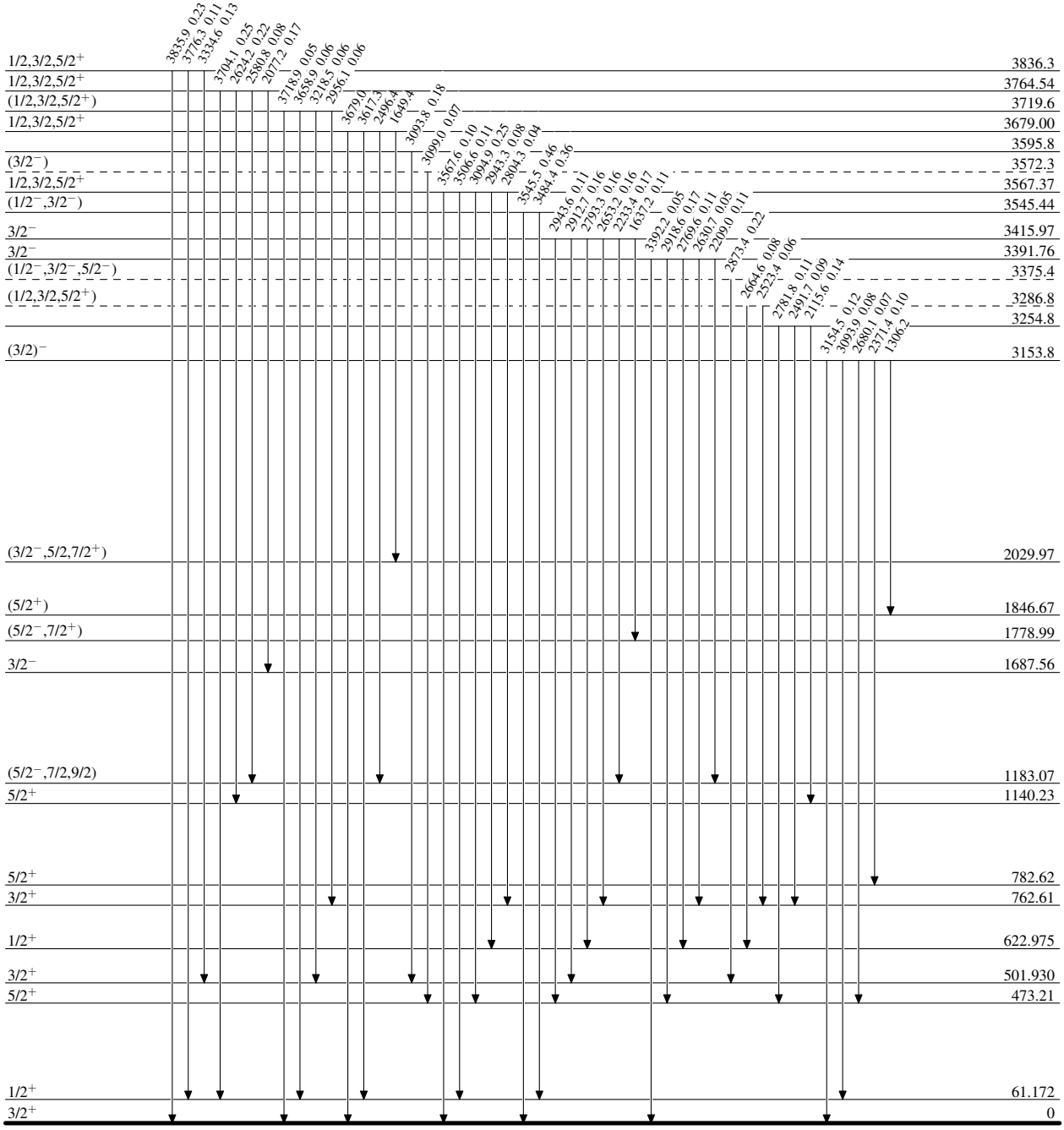
Intensities: Relative I_γ

Legend

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

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

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



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

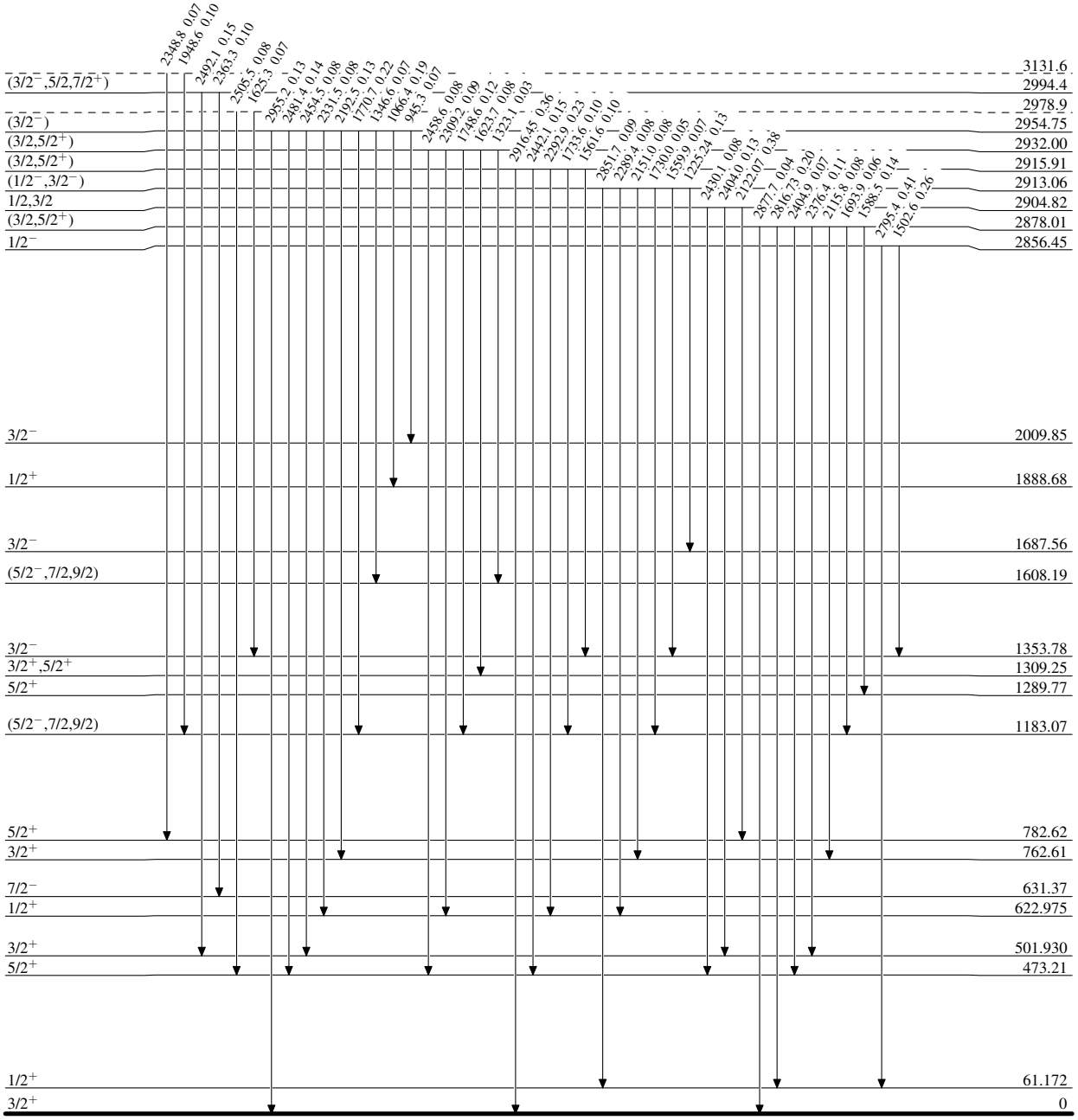
Intensities: Relative I_γ

Legend

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

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

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

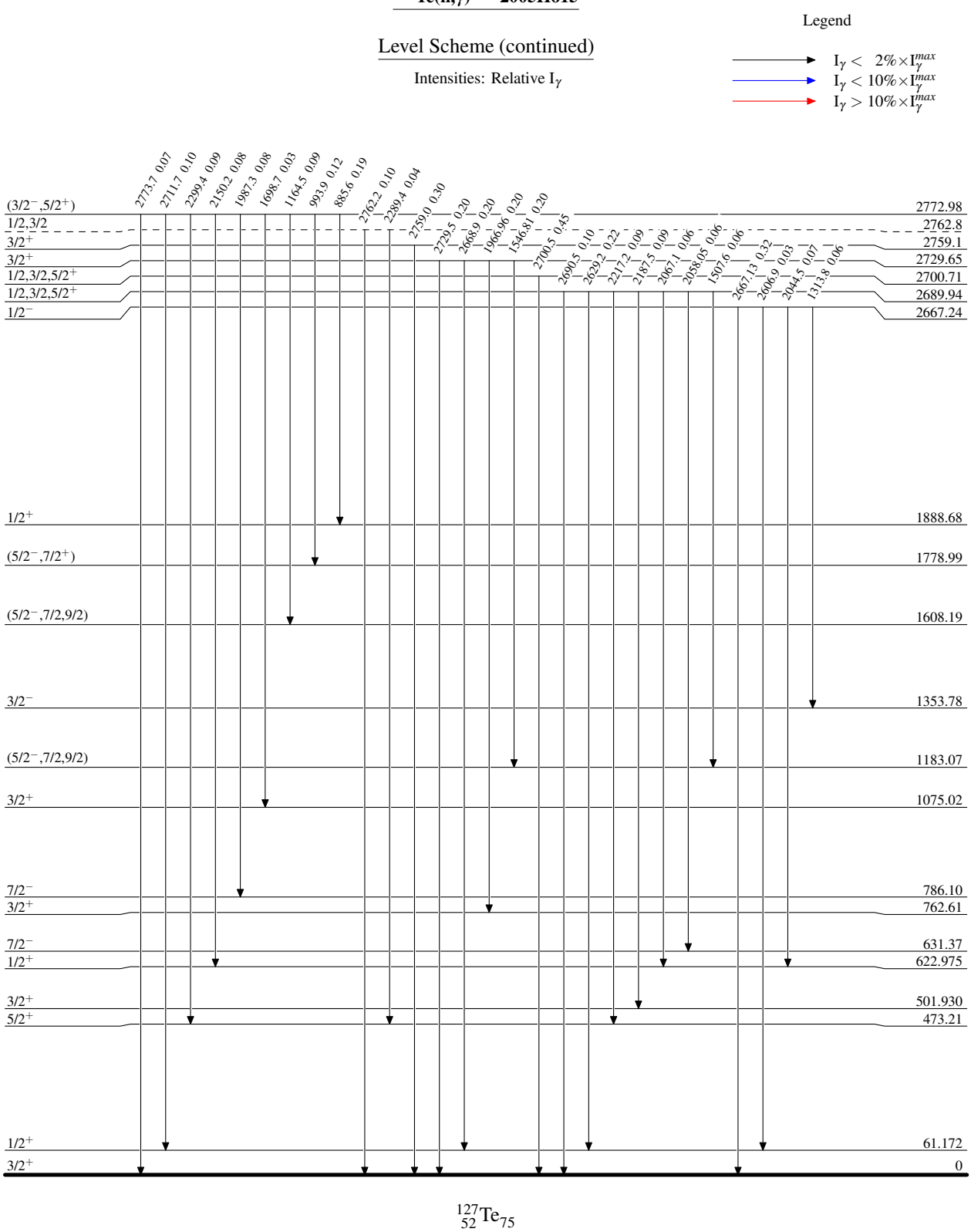


$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ

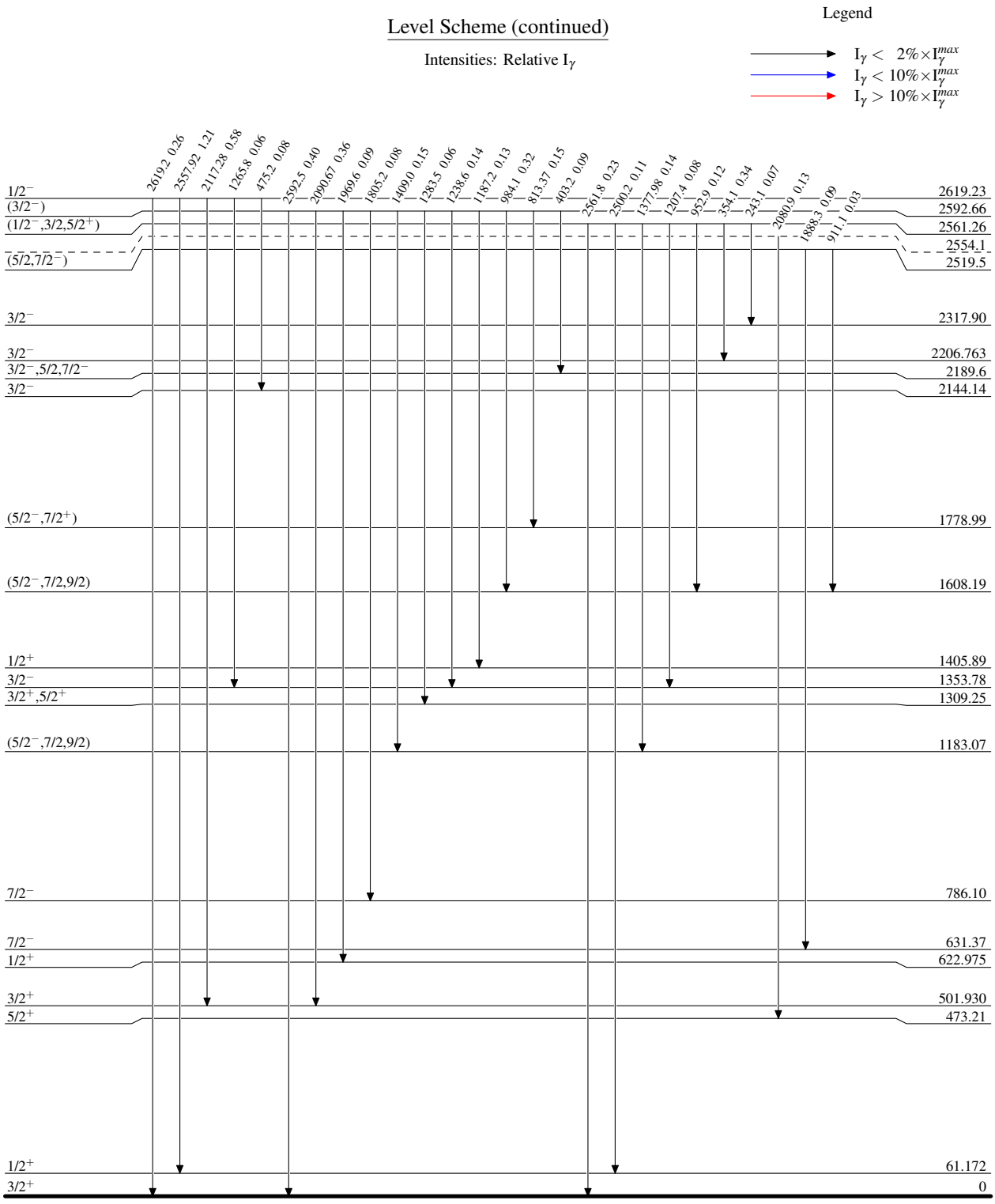


$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ



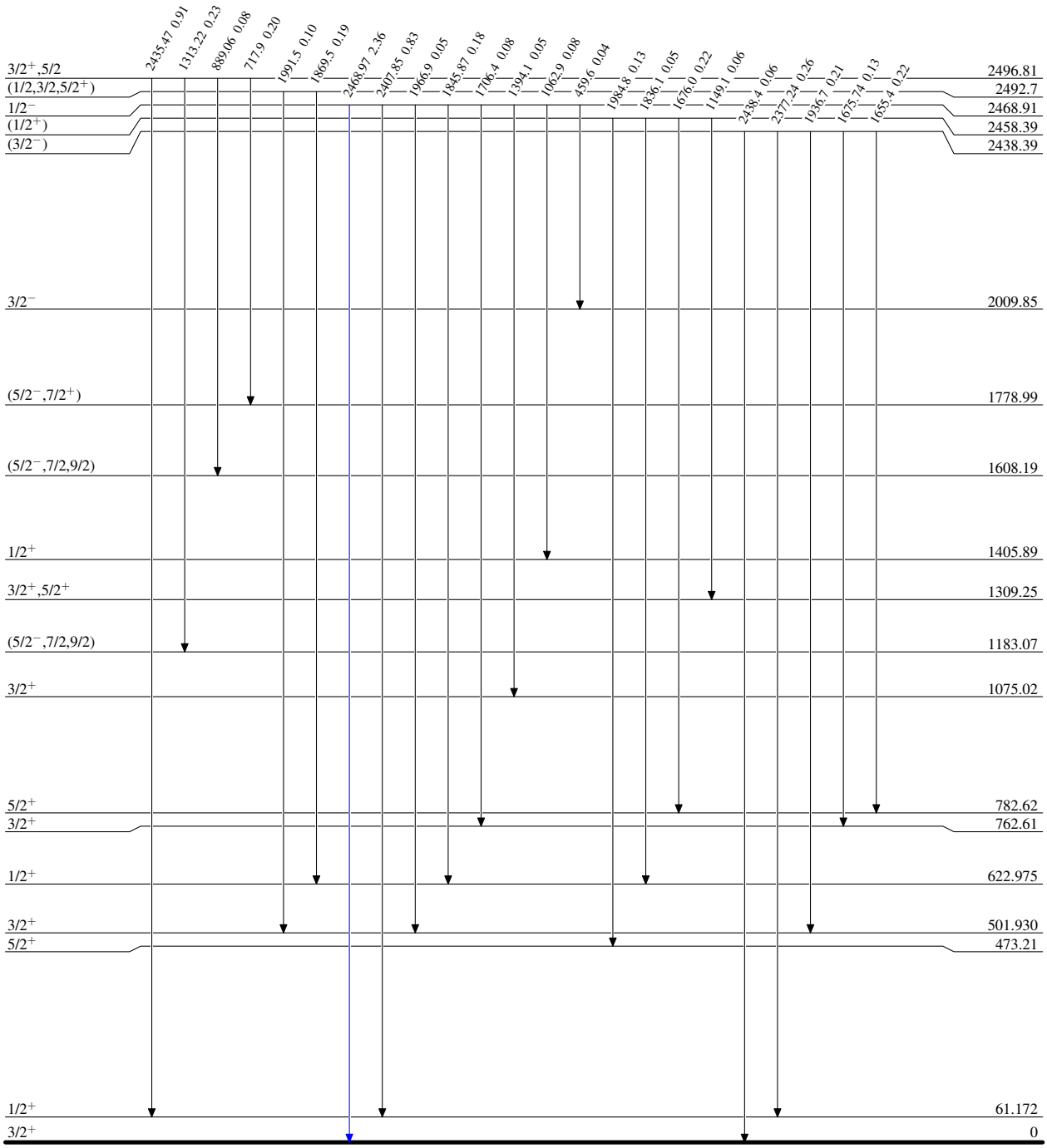
$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ

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



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

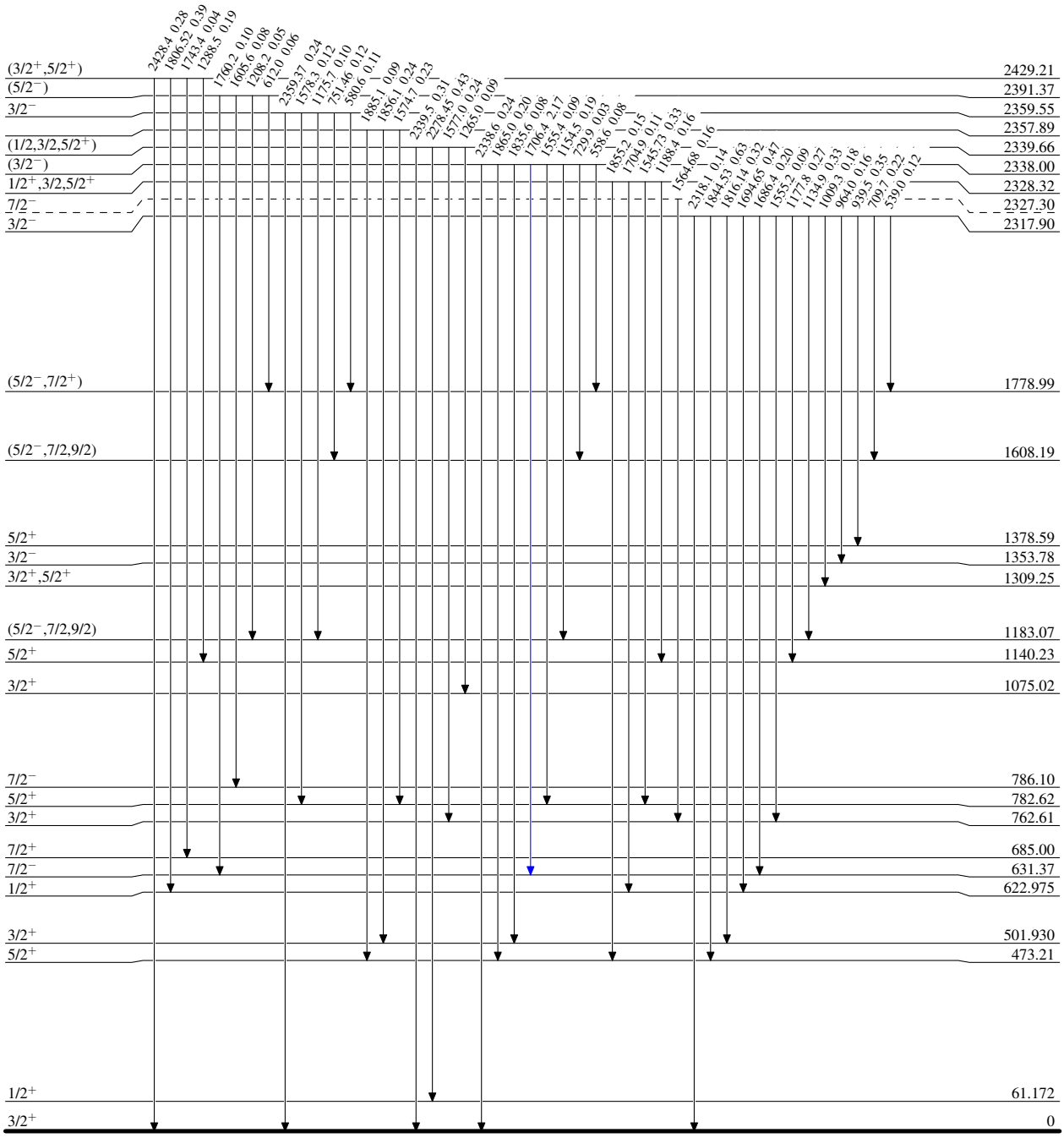
Intensities: Relative I_γ

Legend

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

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

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



$^{127}_{52}Te_{75}$

^{126}**Te(n,γ)** **2005Ho15**

Level Scheme (continued)

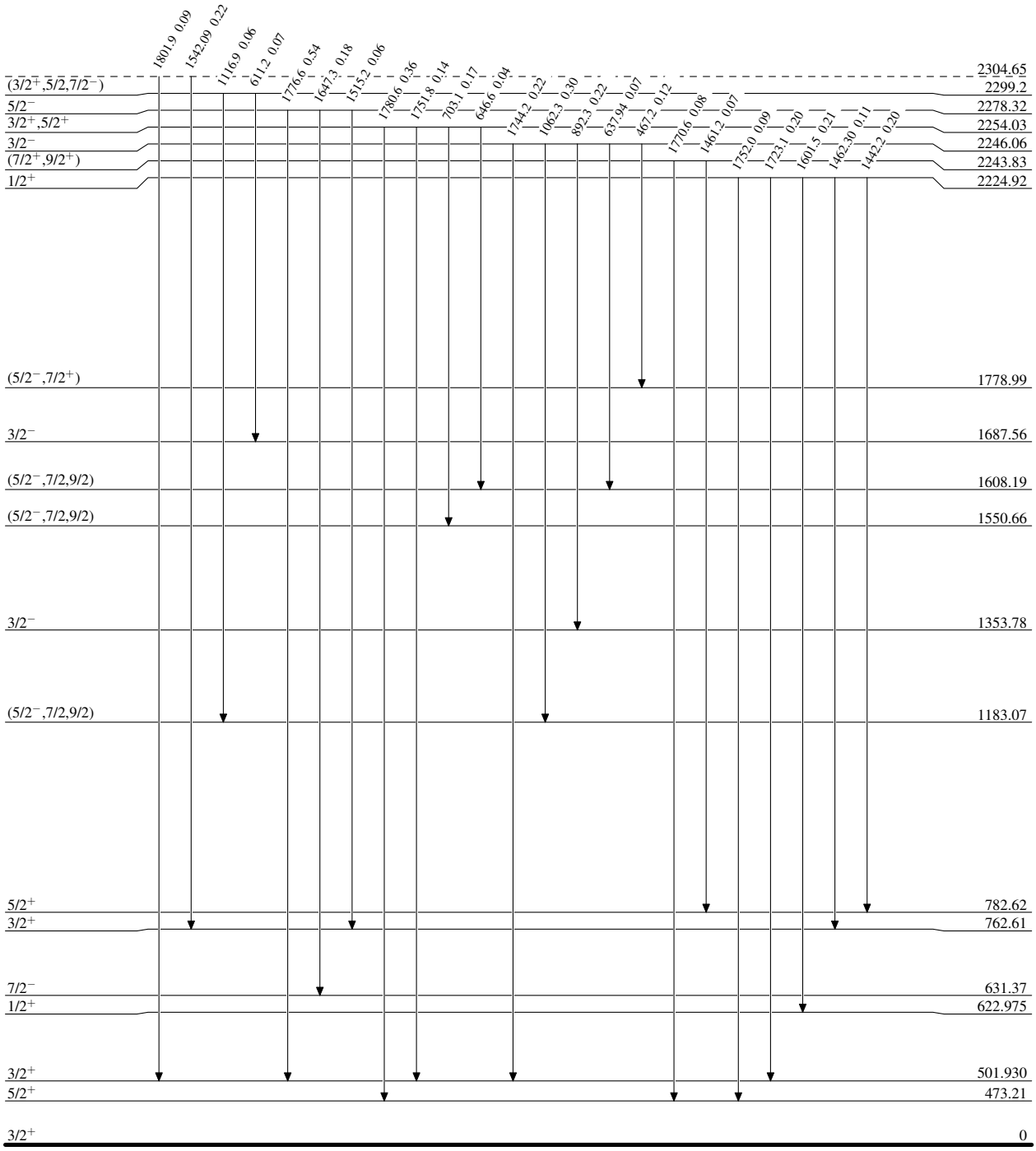
Intensities: Relative I_γ

Legend

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

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

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



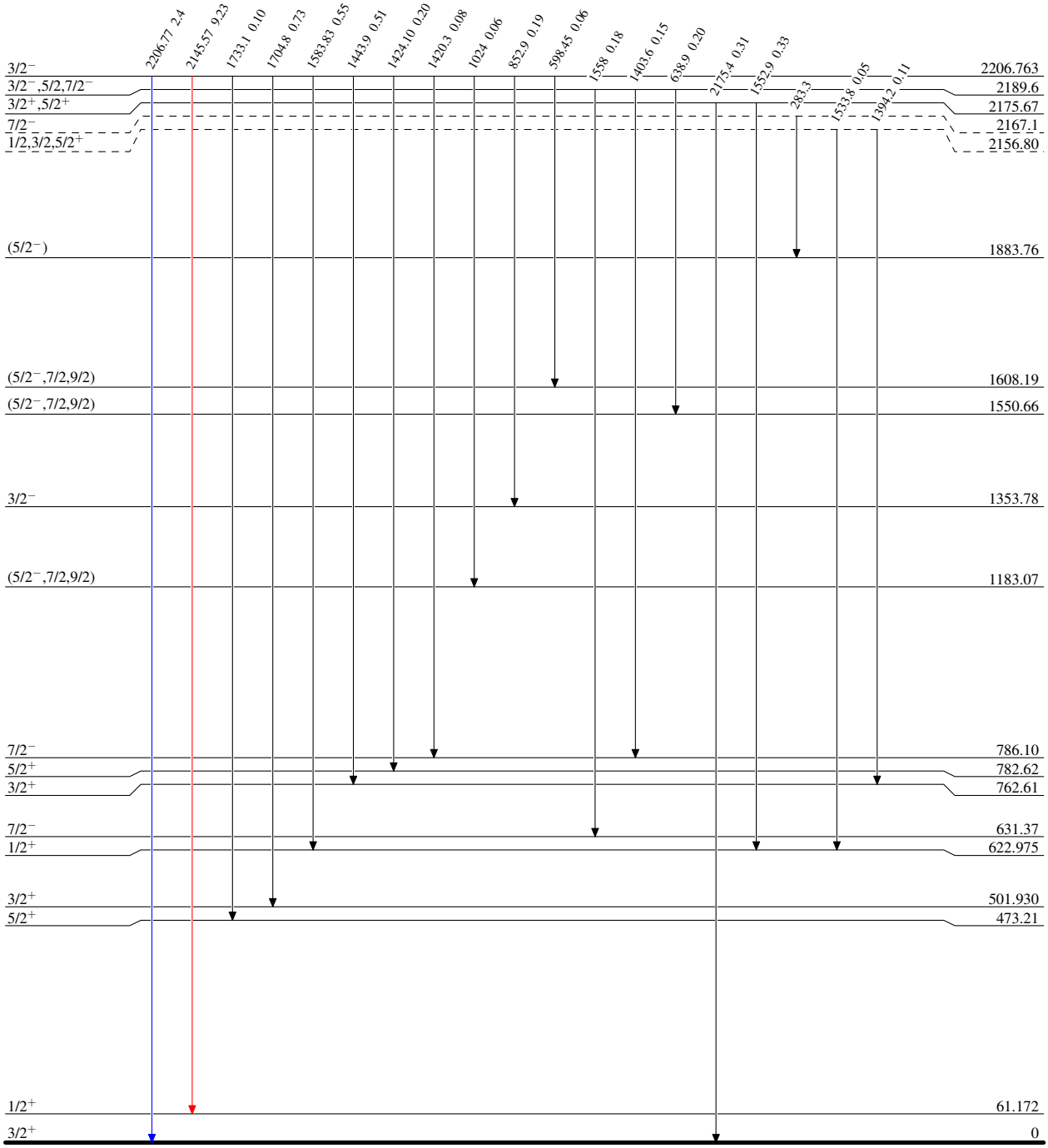
$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ

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

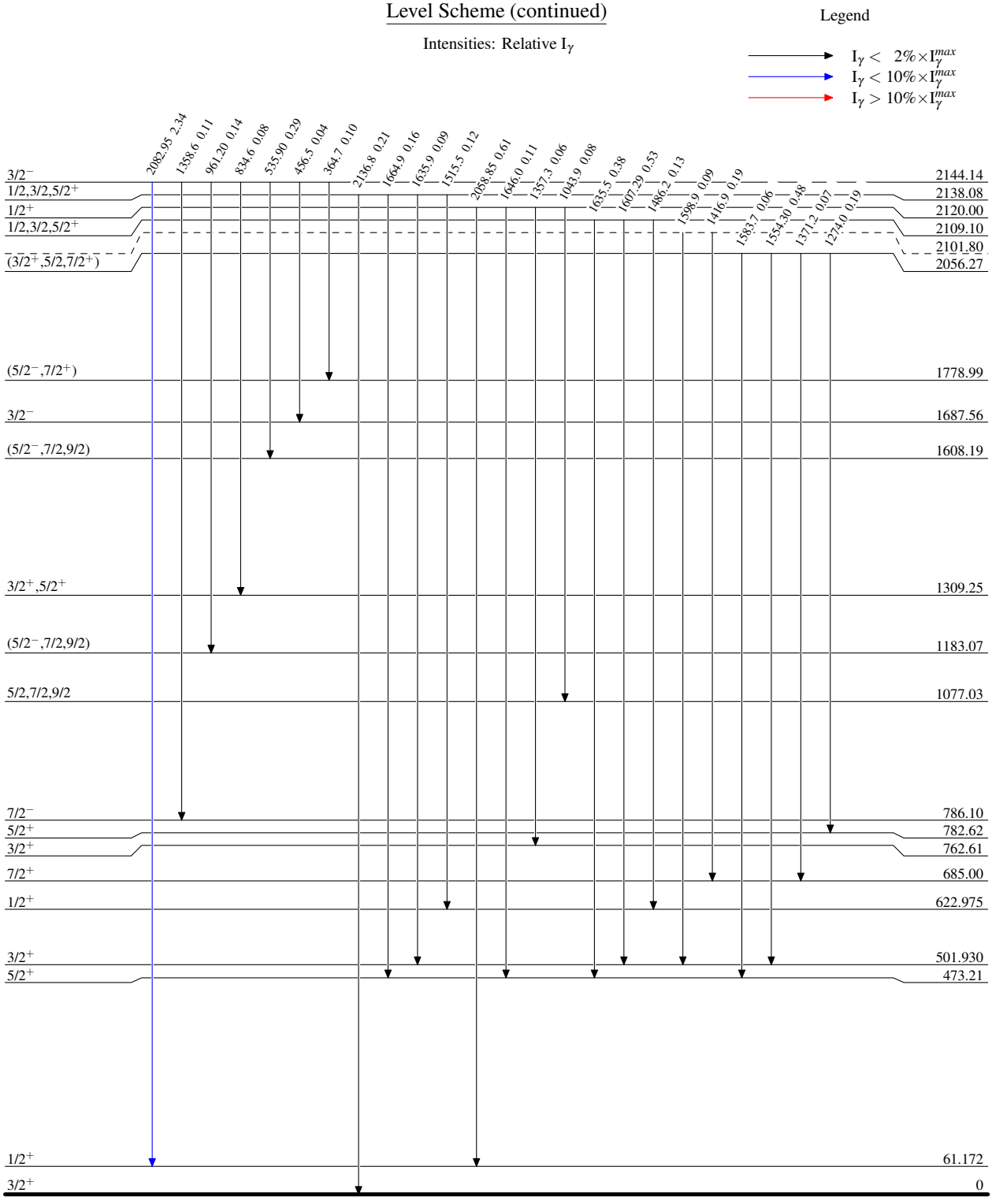


$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

Intensities: Relative I_γ



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) **2005Ho15**

Level Scheme (continued)

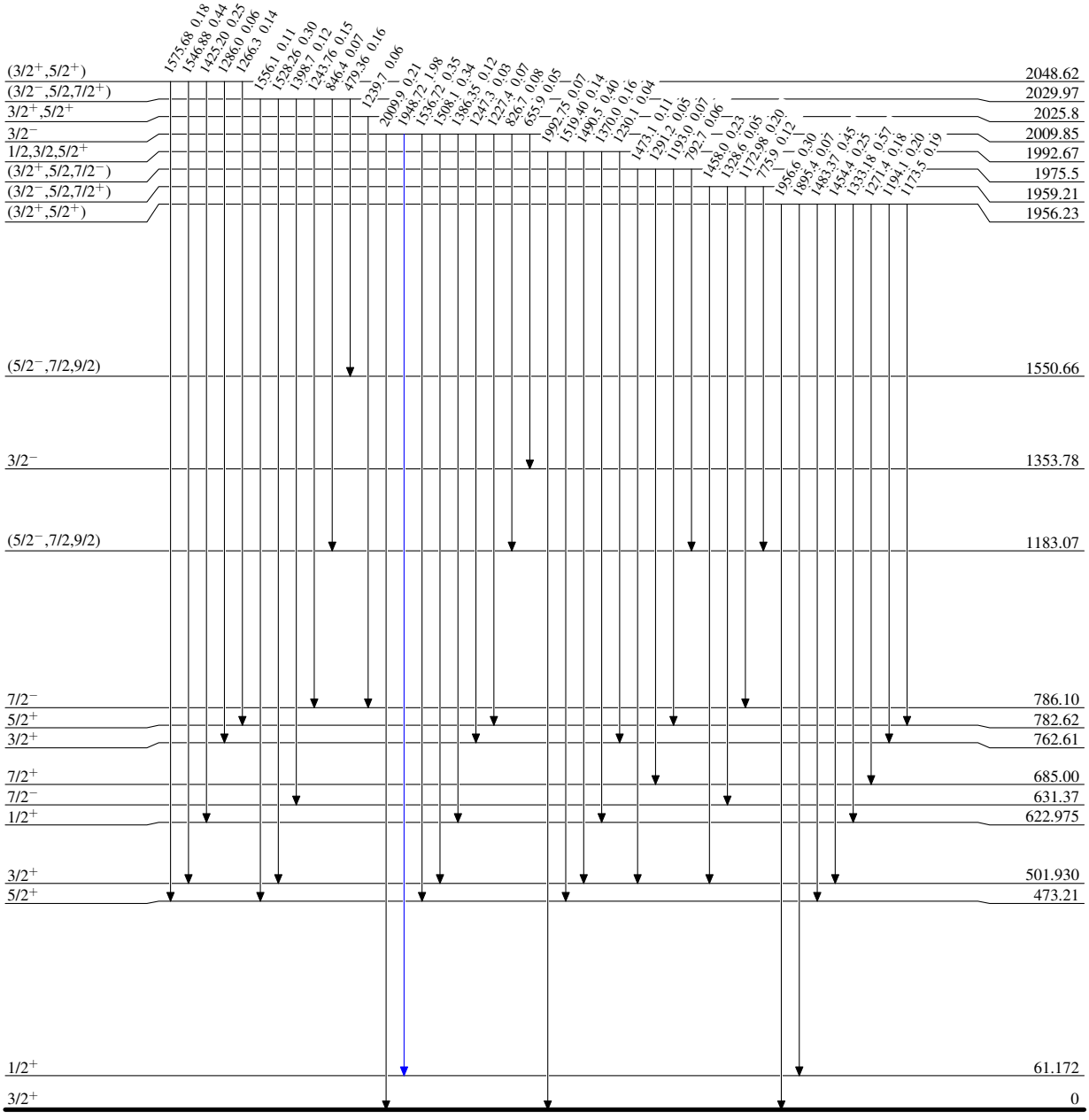
Intensities: Relative I_γ

Legend

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

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

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



$^{127}_{52}Te_{75}$

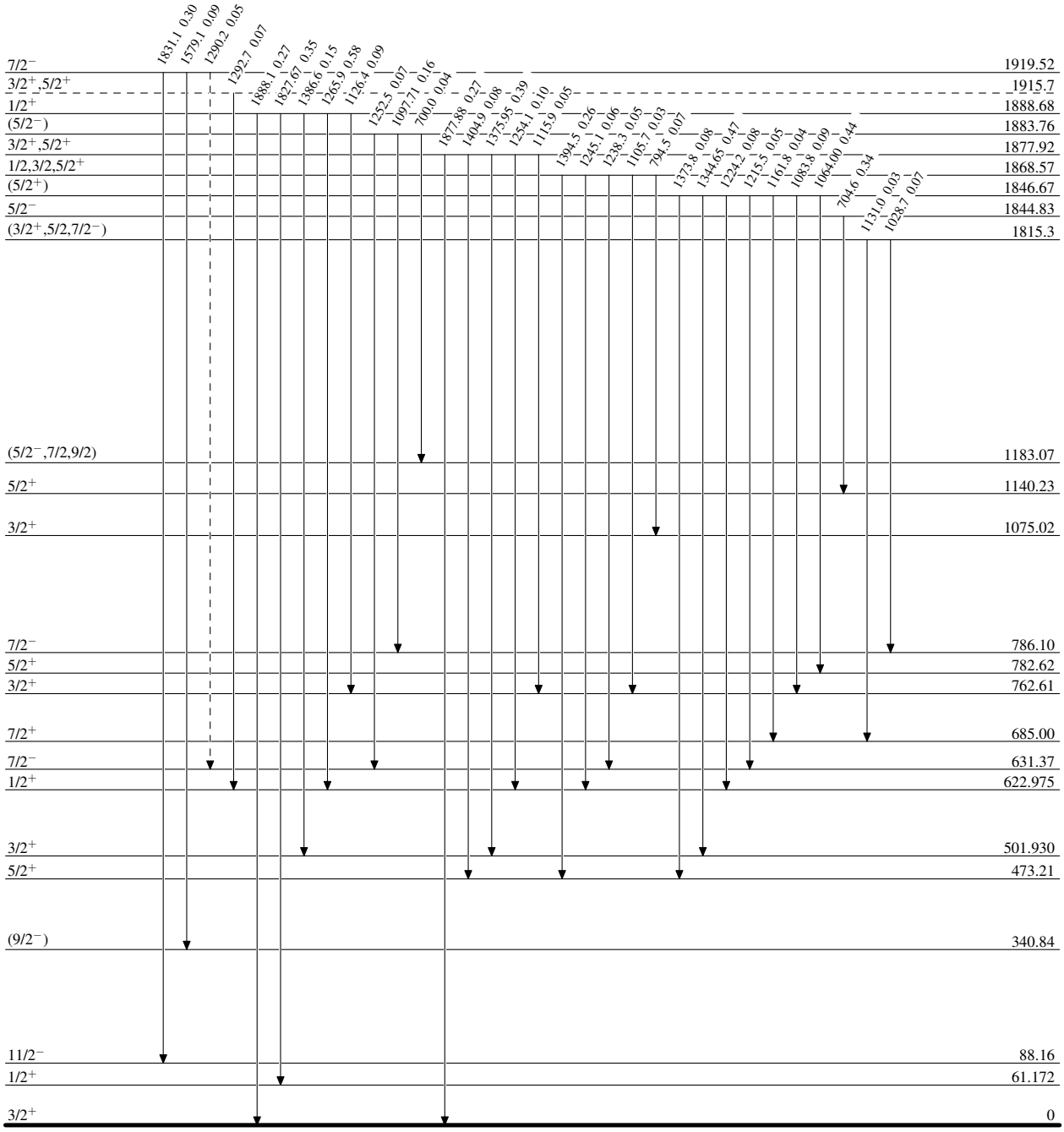
^{126}Te(n,γ) **2005Ho15**

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)



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

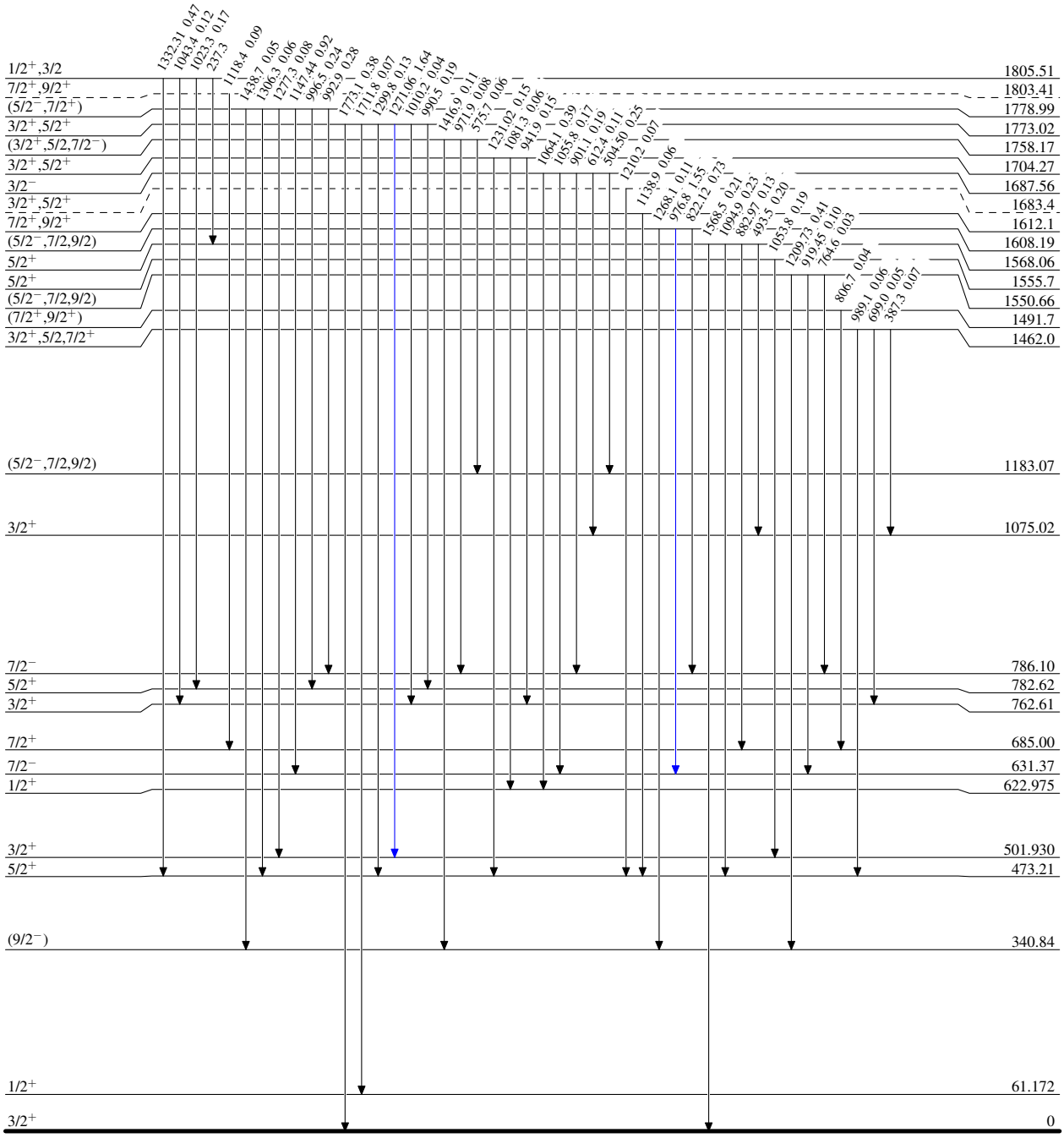
Intensities: Relative I_γ

Legend

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

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

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



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) 2005Ho15

Level Scheme (continued)

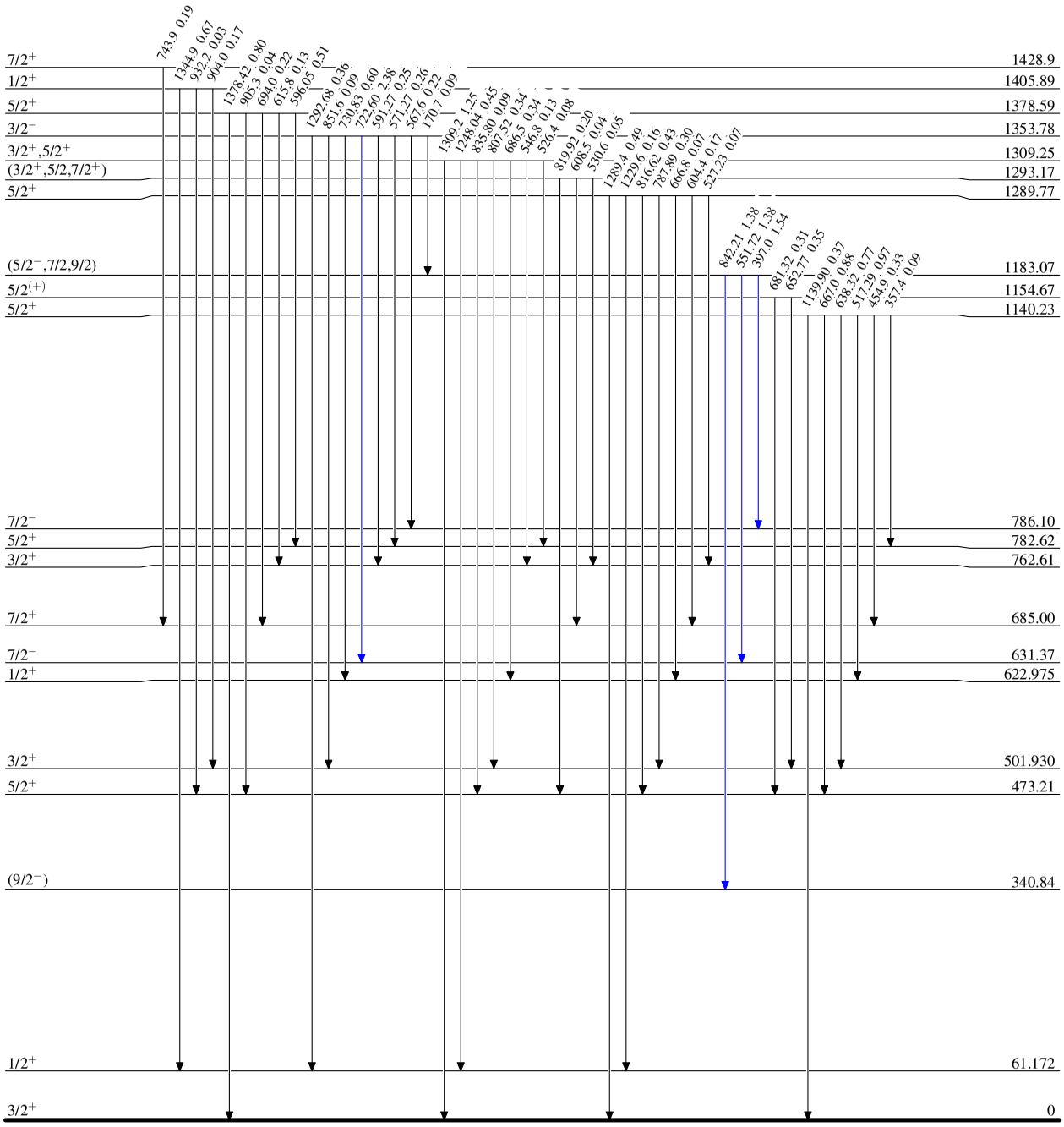
Intensities: Relative I_γ

Legend

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

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

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



$^{127}_{52}Te_{75}$

^{126}Te(n,γ) **2005Ho15**

Level Scheme (continued)

Intensities: Relative I_γ