^{65}Cu(n,γ) E=2, 24 keV 1983De29

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 111, 1093 (2010)	3-Mar-2009

1983De29: E=polarized and unpolarized thermal, 2-, 24-keV neutrons; measured Eγ, Iγ, γ circular polarization.
1967Co18, 1968Ma17, 1969Al11: Eγ and Iγ.
1973Ko16: polarized neutrons; measured γ circular polarization.
Other: 1965Ru06.

^{66}Cu Levels

E(level)†	J$^\pi$‡	E(level)†	J$^\pi$‡	E(level)†	J$^\pi$‡	E(level)†	J$^\pi$‡
0.0	1^+	1820.352 *14*	1^+	2767.86 *12*	$(1)^+$	3371.23 *9*	
185.953 *15*	2^+	1911.31 *8*		2799.85 *7*	$(2)^-$	3397.63 *11*	
237.822 *11*		1927.19 *5*	$1^+,2^+$	2813.84 *9*	$1^-,2^-$	3432.37 *13*	
275.030 *17*	3^+	1971.18 *5*	2^-	2844.72 *10*	$1^-,2^-$	3479.48 *12*	
385.782 *10*	(1^+)	2018.36 *3*	$1^+,2^+,3^+$	2867.69 *7*	$0^+,1^+$	3487.05 *10*	$(2^+,3^+)$
465.165 *10*	2^+	2023.315 *23*	(1,2)	2943.33 *14*	$(1^-,2^-)$	3508.84 *11*	$(2^+,3,4^+)$
590.75 *2*	4^+	2124.09 *10*	2^-	2948.76 *8*	$(1^-,2^-)$	3535.49 *7*	
729.824 *18*	3^+	2163.12 *9*	$^-$	2953.35 *9*	$(1,2)^-$	3583.53 *12*	
822.691 *10*	2^+	2166.01 *7*	$^+$	2987.96 *21*		3601.00 *6*	
1008.49 *10*		2260.66 *9*		3010.18 *10*	$3^+,4^+,5^+$	3636.56 *7*	$1^-,2^-$
1017.138 *15*	3^+	2363.63 *6*		3026.09 *6*	$(1^-,2^-)$	3705.08 *11*	$2^-,3^-,4^-$
1052.082 *17*	1^+	2394.93 *11*		3045.95 *13*	$(1^-,2^-)$	3750.30 *8*	
1158.09 *4*	$(2^+,3)$	2449.19 *16*		3048.82 *11*		3780.19 *10*	
1212.515 *20*	$1^+,2^+$	2453.05 *5*	$(1^+,2,3^+)$	3077.29 *12*	$(1^-,2^-)$	3814.66 *10*	$1^-,2^-$
1247.152 *24*	4^-	2503.00 *9*	$(2^+,3^+)$	3091.37 *6*	$(1^-,2^-)$	3896.38 *8*	(2^-)
1344.012 *22*	1^+	2520.77 *13*	$2^-,3^-,4^-$	3099.08 *8*	$(2^+,3,4^+)$	3934.58 *15*	$(1^-,2^-)$
1439.408 *25*	$(1^+,2,3^+)$	2560.43 *16*	2^-	3110.86 *6*		4013.69 *12*	$(1^+,2,3^+)$
1547.39 *4*	$1^+,2^+,3^+$	2586.27 *4*		3141.74 *15*		4056.98 *8*	$(1,2)^-$
1560.15 *9*	$^+$	2597.49 *6*		3151.97 *9*		4116.41 *10*	
1577.34 *5*	$1^+,2^+,3^+$	2608.50 *11*		3165.77 *7*	$(1,2,3)^+$	4300.2 *3*	
1678.00 *3*	$1^+,2^+$	2629.29 *9*	$3^+,4^+$	3208.95 *8*		4462.70 *10*	$(1,2)^-$
1694.07 *5*	$(1)^+$	2664.44 *6*	$1^-,2^-$	3247.83 *8*		4527.91 *9*	$(1,2)^-$
1713.20 *6*	(1^+)	2681.16 *4*	1^+	3287.36 *9*	$^+$	4850.76 *8*	
1735.96 *6*	$(4,5)^-$	2688.22 *8*	(1^+)	3333.77 *5*	$^+$	5077.21 *8*	
1745.89 *4*	(1,2)	2739.16 *7*	$2^-,3^-,4^-$	3342.06 *11*			

† From thermal-neutron capture data.
‡ From Adopted Levels.

γ(^{66}Cu)

E$_i$(level)	J$_i^\pi$	E$_\gamma$†	I$_\gamma$‡	E$_f$	J$_f^\pi$
185.953	2^+	186.01@ *5*	100	0.0	1^+
237.822		237.821 *11*	100	0.0	1^+
275.030	3^+	89.18 *4*	98.62 *23*	185.953	2^+
		274.92 *9*	1.38 *23*	0.0	1^+
385.782	(1^+)	199.90@ *7*	3.1 *4*	185.953	2^+
		385.781@ *12*	96.9 *4*	0.0	1^+
465.165	2^+	190.10 *3*	3.6 *4*	275.030	3^+
		279.33@ *11*	1.5 *3*	185.953	2^+
		465.152@ *12*	94.9 *5*	0.0	1^+

Continued on next page (footnotes at end of table)

^{65}Cu(n,γ) E=2, 24 keV 1983De29 (continued)

γ(^{66}Cu) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π
590.75	4^+	315.711[@] *21*	100	275.030	3^+
729.824	3^+	454.8 *5*	9 *4*	275.030	3^+
		543.852[@] *13*	91 *4*	185.953	2^+
822.691	2^+	357.561 *21*	7.3 *5*	465.165	2^+
		436.912[@] *12*	28.3 *11*	385.782	(1^+)
		636.68 *3*	4.36 *19*	185.953	2^+
		822.676 *16*	60.0 *10*	0.0	1^+
1008.49		622.69 *10*	100	385.782	(1^+)
1017.138	3^+	194.47 *3*	16.9 *15*	822.691	2^+
		426.372 *21*	12.4 *6*	590.75	4^+
		551.953 *22*	10.8 *5*	465.165	2^+
		831.196 *16*	60.0 *13*	185.953	2^+
1052.082	1^+	586.79 *5*	10.7 *6*	465.165	2^+
		814.27 *4*	25.2 *10*	237.822	
		1052.19 *3*	64.1 *11*	0.0	1^+
1158.09	$(2^+,3)$	335.73 *11*	32 *3*	822.691	2^+
		567.35 *9*	21.6 *19*	590.75	4^+
		883.03 *4*	46.7 *23*	275.030	3^+
1212.515	$1^+,2^+$	937.507 *17*	39.0 *9*	275.030	3^+
		1212.52 *4*	61.0 *9*	0.0	1^+
1247.152	4^-	972.108 *18*	100	275.030	3^+
1344.012	1^+	878.816 *24*	72.0 *19*	465.165	2^+
		958.25 *9*	25.6 *17*	385.782	(1^+)
		1343.4 *8*	2.4 *13*	0.0	1^+
1439.408	$(1^+,2,3^+)$	422.01 *12*	4.9 *7*	1017.138	3^+
		1439.37 *3*	95.1 *7*	0.0	1^+
1547.39	$1^+,2^+,3^+$	956.74 *6*	41.6 *17*	590.75	4^+
		1161.63 *16*	8.8 *9*	385.782	(1^+)
		1272.32 *4*	49.6 *16*	275.030	3^+
1560.15	$^+$	217.0 *5*	13 *7*	1344.012	1^+
		1322.16 *14*	87 *7*	237.822	
1577.34	$1^+,2^+,3^+$	847.42 *5*	100	729.824	3^+
1678.00	$1^+,2^+$	100.15 *23*	10 *3*	1577.34	$1^+,2^+,3^+$
		334.03 *16*	11.0 *17*	1344.012	1^+
		948.09 *3*	26.0 *13*	729.824	3^+
		1678.19[#] *4*	53.2 *23*	0.0	1^+
1694.07	$(1)^+$	482.69 *10*	100	1212.515	$1^+,2^+$
1713.20	(1^+)	661.22 *9*	36 *3*	1052.082	1^+
		983.21 *8*	64 *3*	729.824	3^+
1735.96	$(4,5)^-$	1006.19 *6*	100	729.824	3^+
1745.89	(1,2)	1471.05 *8*	10.1 *7*	275.030	3^+
		1559.86 *6*	75.4 *20*	185.953	2^+
		1746.2[#] *3*	14.5 *20*	0.0	1^+
1820.352	1^+	768.305[@] *23*	13.8 *4*	1052.082	1^+
		997.648[@] *18*	20.2 *5*	822.691	2^+
		1355.18 *4*	31.1 *10*	465.165	2^+
		1582.51 *3*	22.1 *8*	237.822	
		1820.21 *6*	12.8 *7*	0.0	1^+
1911.31		1088.64[#] *10*	78 *5*	822.691	2^+
		1180.8 *3*	22 *5*	729.824	3^+
1927.19	$1^+,2^+$	714.66 *19*	8.7 *16*	1212.515	$1^+,2^+$
		909.99[#] *22*	5.2 *10*	1017.138	3^+
		1197.21 *7*	86.0 *18*	729.824	3^+

Continued on next page (footnotes at end of table)

^{65}Cu(n,γ) E=2, 24 keV 1983De29 (continued)

γ(^{66}Cu) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π
1971.18	2⁻	723.99 *5*	75.9 *17*	1247.152	4⁻
		758.83[#] *9*	24.1 *17*	1212.515	1⁺,2⁺
2018.36	1⁺,2⁺,3⁺	1288.63 *21*	2.1 *4*	729.824	3⁺
		1743.40 *5*	64.3 *17*	275.030	3⁺
		1832.39[#] *3*	33.6 *16*	185.953	2⁺
2023.315	(1,2)	111.93 *13*	3.0 *6*	1911.31	
		583.62 *8*	3.9 *4*	1439.408	(1⁺,2,3⁺)
		679.30 *5*	3.13 *25*	1344.012	1⁺
		810.47 *19*	4.9 *7*	1212.515	1⁺,2⁺
		1293.71 *7*	7.6 *6*	729.824	3⁺
		1557.4 *7*	8 *3*	465.165	2⁺
		1637.49 *4*	44.7 *25*	385.782	(1⁺)
		1748.0 *3*	11 *3*	275.030	3⁺
		1837.44 *4*	13.5 *10*	185.953	2⁺
2124.09	2⁻	1849.4 *3*	52 *5*	275.030	3⁺
		2123.95 *19*	48 *5*	0.0	1⁺
2163.12	⁻	2163.22[#] *11*	100	0.0	1⁺
2166.01	⁺	1980.01 *8*	100	185.953	2⁺
2260.66		1208.8 *9*	13 *7*	1052.082	1⁺
		1874.41[#] *20*	23 *3*	385.782	(1⁺)
		1985.73 *14*	64 *6*	275.030	3⁺
2363.63		1633.89 *6*	100	729.824	3⁺
2394.93		2120.25 *25*	100	275.030	3⁺
2449.19		2448.7 *4*	100	0.0	1⁺
2453.05	(1⁺,2,3⁺)	632.67 *6*	29.8 *19*	1820.352	1⁺
		1723.07 *12*	35.4 *25*	729.824	3⁺
		2177.87 *15*	35 *3*	275.030	3⁺
2503.00	(2⁺,3⁺)	1450.6 *3*	51 *5*	1052.082	1⁺
		1912.13[#] *17*	49 *5*	590.75	4⁺
2520.77	2⁻,3⁻,4⁻	1929.63 *22*	100	590.75	4⁺
2560.43	2⁻	1313.29 *17*	66 *8*	1247.152	4⁻
		2561.3 *6*	34 *8*	0.0	1⁺
2586.27		1146.79 *7*	17.6 *11*	1439.408	(1⁺,2,3⁺)
		1428.18 *5*	68.4 *23*	1158.09	(2⁺,3)
		2400.0[#] *3*	14.1 *24*	185.953	2⁺
2597.49		234.26 *14*	26 *4*	2363.63	
		1253.28 *8*	25.2 *20*	1344.012	1⁺
		2411.58 *12*	49 *3*	185.953	2⁺
2608.50		2608.5[#] *3*	100	0.0	1⁺
2629.29	3⁺,4⁺	1081.95 *12*	53 *4*	1547.39	1⁺,2⁺,3⁺
		1806.57[#] *17*	47 *4*	822.691	2⁺
2664.44	1⁻,2⁻	1506.57[#] *15*	21.4 *17*	1158.09	(2⁺,3)
		1647.33 *7*	37.1 *21*	1017.138	3⁺
		2389.3 *4*	9.5 *20*	275.030	3⁺
		2664.17 *16*	32.0 *23*	0.0	1⁺
2681.16	1⁺	753.91 *4*	19.8 *8*	1927.19	1⁺,2⁺
		860.85 *10*	6.0 *6*	1820.352	1⁺
		987.18 *3*	22.1 *8*	1694.07	(1)⁺
		1468.56 *12*	22.0 *14*	1212.515	1⁺,2⁺
		1523.0 *4*	2.3 *6*	1158.09	(2⁺,3)
		1629.2 *3*	7.6 *13*	1052.082	1⁺
		2680.38[#] *13*	20.2 *12*	0.0	1⁺
2688.22	(1⁺)	2450.91[#] *23*	36 *4*	237.822	

Continued on next page (footnotes at end of table)

^{65}Cu(n,γ) E=2, 24 keV 1983De29 (continued)

γ(^{66}Cu) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π
2688.22	(1^+)	2687.88 *12*	64 *4*	0.0	1^+
2739.16	$2^-,3^-,4^-$	1394.90# *9*	65 *4*	1344.012	1^+
		2553.1 *3*	35 *4*	185.953	2^+
2767.86	$(1)^+$	1220.4 *6*	35 *10*	1547.39	$1^+,2^+,3^+$
		1944.97 *24*	65 *10*	822.691	2^+
2799.85	$(2)^-$	1053.88 *20*	38 *6*	1745.89	(1,2)
		1553.1 *3*	47 *6*	1247.152	4^-
		2615.2 *8*	15 *5*	185.953	2^+
2813.84	$1^-,2^-$	993.48 *17*	22 *3*	1820.352	1^+
		1374.41 *14*	61 *4*	1439.408	$(1^+,2,3^+)$
		1761.6 *6*	16 *5*	1052.082	1^+
2844.72	$1^-,2^-$	2114.78 *20*	47 *4*	729.824	3^+
		2569.26 *21*	53 *4*	275.030	3^+
2867.69	$0^+,1^+$	2402.83 *24*	24 *3*	465.165	2^+
		2629.61 *12*	76 *3*	237.822	
2943.33	$(1^-,2^-)$	2557.8 *5*	39 *9*	385.782	(1^+)
		2758.8# *5*	61 *9*	185.953	2^+
2948.76	$(1^-,2^-)$	340.19 *12*	22 *3*	2608.50	
		1401.26 *21*	10.2 *17*	1547.39	$1^+,2^+,3^+$
		1509.64 *18*	24.2 *23*	1439.408	$(1^+,2,3^+)$
		2673.42# *16*	44 *3*	275.030	3^+
2953.35	$(1,2)^-$	289.2 *3*	6.4 *24*	2664.44	$1^-,2^-$
		1901.52 *16*	16.9 *20*	1052.082	1^+
		2131.25# *22*	12.7 *20*	822.691	2^+
		2488.4# *4*	27 *5*	465.165	2^+
		2952.64 *21*	37 *4*	0.0	1^+
2987.96		1017.1 *3*	54 *9*	1971.18	2^-
		2986.9 *6*	46 *9*	0.0	1^+
3010.18	$3^+,4^+,5^+$	1666.15 *13*	46 *6*	1344.012	1^+
		2545.2# *5*	22 *6*	465.165	2^+
		2824.8 *6*	32 *7*	185.953	2^+
3026.09	$(1^-,2^-)$	1280.20 *7*	32.5 *18*	1745.89	(1,2)
		3025.77# *12*	67.5 *18*	0.0	1^+
3045.95	$(1^-,2^-)$	2315.7 *3*	74 *10*	729.824	3^+
		2770.7 *8*	26 *10*	275.030	3^+
3048.82		2862.63# *13*	100	185.953	2^+
3077.29	$(1^-,2^-)$	556.46 *22*	9.2 *21*	2520.77	$2^-,3^-,4^-$
		2059.9 *3*	11.2 *22*	1017.138	3^+
		2254.5 *9*	14 *7*	822.691	2^+
		2612.1 *4*	44 *6*	465.165	2^+
		2890.6 *3*	21 *4*	185.953	2^+
3091.37	$(1^-,2^-)$	1652.01 *6*	69 *3*	1439.408	$(1^+,2,3^+)$
		2039.33 *25*	10.7 *16*	1052.082	1^+
		3090.95# *25*	20.7 *25*	0.0	1^+
3099.08	$(2^+,3,4^+)$	2082.6 *3*	16 *4*	1017.138	3^+
		2508.3 *7*	26 *8*	590.75	4^+
		2713.3 *5*	22 *6*	385.782	(1^+)
		2912.57# *18*	36 *5*	185.953	2^+
3110.86		1139.65# *4*	81 *4*	1971.18	2^-
		3111.4 *4*	19 *4*	0.0	1^+
3141.74		2866.61# *15*	100	275.030	3^+
3151.97		788.42 *8*	48 *4*	2363.63	
		2876.19 *21*	52 *4*	275.030	3^+

Continued on next page (footnotes at end of table)

^{65}Cu(n,γ) E=2, 24 keV 1983De29 (continued)

γ(^{66}Cu) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π
3165.77	$(1,2,3)^+$	2436.7 *4*	13 *3*	729.824	3^+
		2700.26# *10*	67 *3*	465.165	2^+
		3165.8 *3*	20.0 *23*	0.0	1^+
3208.95		1042.86# *11*	74 *4*	2166.01	$^+$
		3208.1# *3*	26 *4*	0.0	1^+
3247.83		1670.32 *11*	100	1577.34	$1^+,2^+,3^+$
3287.36	$^+$	2821.76# *13*	86.0 *22*	465.165	2^+
		2901.2# *3*	14.0 *22*	385.782	(1^+)
3333.77	$^+$	533.96 *7*	23.7 *19*	2799.85	$(2)^-$
		747.48 *3*	76.3 *19*	2586.27	
3342.06		3067.2# *3*	100	275.030	3^+
3371.23		741.94# *3*	66 *4*	2629.29	$3^+,4^+$
		2641.3 *3*	34 *4*	729.824	3^+
3397.63		2806.9 *3*	56 *8*	590.75	4^+
		3121.3# *5*	44 *8*	275.030	3^+
3432.37		1408.4# *3*	17 *4*	2023.315	(1,2)
		2380.34 *18*	83 *4*	1052.082	1^+
3479.48		665.60# *9*	40 *6*	2813.84	$1^-,2^-$
		3241.9# *4*	60 *6*	237.822	
3487.05	$(2^+,3^+)$	1515.3 *4*	9 *3*	1971.18	2^-
		2478.2 *5*	28 *6*	1008.49	
		2896.9# *4*	14 *3*	590.75	4^+
		3021.72# *21*	36 *4*	465.165	2^+
		3486.2# *6*	13 *3*	0.0	1^+
3508.84	$(2^+,3,4^+)$	2492.0 *8*	13 *5*	1017.138	3^+
		2918.0 *4*	8.0 *17*	590.75	4^+
		3270.78# *14*	69 *5*	237.822	
		3322.2# *6*	9 *3*	185.953	2^+
3535.49		457.6 *5*	42 *13*	3077.29	$(1^-,2^-)$
		1799.84# *14*	15 *3*	1735.96	$(4,5)^-$
		1975.26# *12*	20 *5*	1560.15	$^+$
		2095.76 *13*	22 *5*	1439.408	$(1^+,2,3^+)$
3583.53		537.55 *8*	20 *3*	3045.95	$(1^-,2^-)$
		2144.22 *24*	35 *4*	1439.408	$(1^+,2,3^+)$
		2371.4 *4*	24 *6*	1212.515	$1^+,2^+$
		3307.4# *6*	20 *5*	275.030	3^+
3601.00		114.36 *16*	15 *3*	3487.05	$(2^+,3^+)$
		1854.3 *4*	7.7 *19*	1745.89	(1,2)
		2023.55 *6*	66 *4*	1577.34	$1^+,2^+,3^+$
		2870.7 *5*	11 *3*	729.824	3^+
3636.56	$1^-,2^-$	1115.48 *23*	8.8 *14*	2520.77	$2^-,3^-,4^-$
		1890.61 *18*	12.5 *14*	1745.89	(1,2)
		2423.94 *18*	17.1 *19*	1212.515	$1^+,2^+$
		2584.3 *4*	8.0 *18*	1052.082	1^+
		2619.14# *24*	25 *3*	1017.138	3^+
		3045.46 *23*	20.2 *21*	590.75	4^+
		3450.3# *3*	8.3 *13*	185.953	2^+
3705.08	$2^-,3^-,4^-$	1682.00 *17*	44 *4*	2023.315	(1,2)
		2457.66 *18*	56 *4*	1247.152	4^-
3750.30		651.10 *13*	13.6 *16*	3099.08	$(2^+,3,4^+)$
		1120.8 *4*	9.0 *23*	2629.29	$3^+,4^+$

Continued on next page (footnotes at end of table)

^{65}Cu(n,γ) E=2, 24 keV 1983De29 (continued)

γ(^{66}Cu) (continued)

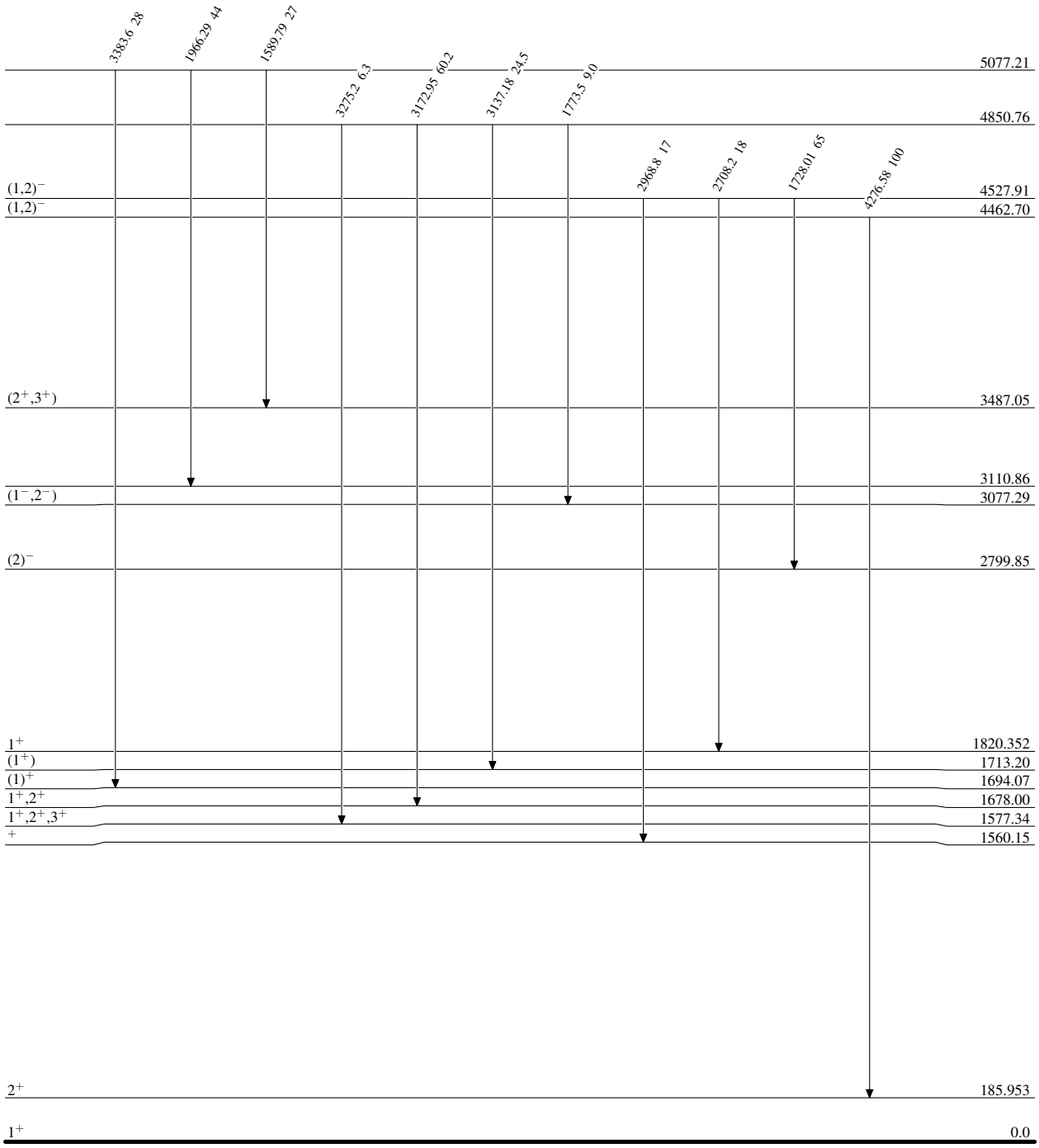
E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π
3750.30		1732.27# *17*	20.0 *22*	2018.36	$1^+,2^+,3^+$
		2004.42# *10*	39 *3*	1745.89	(1,2)
		3563.7# *4*	19 *3*	185.953	2^+
3780.19		770.64 *25*	42 *5*	3010.18	$3^+,4^+,5^+$
		1416.38 *11*	58 *5*	2363.63	
3814.66	$1^-,2^-$	417.03 *6*	23.4 *22*	3397.63	
		1843.71 *14*	25.1 *24*	1971.18	2^-
		2991.1# *4*	21 *4*	822.691	2^+
		3348.5# *3*	19.5 *23*	465.165	2^+
		3814.2# *4*	11.2 *20*	0.0	1^+
3896.38	(2^-)	1298.87# *6*	68 *3*	2597.49	
		2160.4# *3*	18 *3*	1735.96	$(4,5)^-$
		3896.3# *4*	14.8 *20*	0.0	1^+
3934.58	$(1^-,2^-)$	1916.35 *22*	45 *5*	2018.36	$1^+,2^+,3^+$
		3548.6# *3*	55 *5*	385.782	(1^+)
4013.69	$(1^+,2,3^+)$	2996.78# *16*	75 *3*	1017.138	3^+
		3627.9 *3*	25 *3*	385.782	(1^+)
4056.98	$(1,2)^-$	1607.34# *18*	13.2 *15*	2449.19	
		3782.18# *17*	34.4 *19*	275.030	3^+
		3871.04# *11*	52.4 *18*	185.953	2^+
4116.41		1303.03 *22*	17 *3*	2813.84	$1^-,2^-$
		3293.49 *11*	83 *3*	822.691	2^+
4300.2		3476.9 *5*	48 *8*	822.691	2^+
		3835.8# *5*	23 *6*	465.165	2^+
		4024.9# *7*	29 *8*	275.030	3^+
4462.70	$(1,2)^-$	4276.58# *10*	100	185.953	2^+
4527.91	$(1,2)^-$	1728.01# *6*	65 *4*	2799.85	$(2)^-$
		2708.2# *4*	18 *3*	1820.352	1^+
		2968.8# *4*	17 *3*	1560.15	$^+$
4850.76		1773.5 *3*	9.0 *16*	3077.29	$(1^-,2^-)$
		3137.18# *17*	24.5 *19*	1713.20	(1^+)
		3172.95# *11*	60.2 *24*	1678.00	$1^+,2^+$
		3275.2# *7*	6.3 *22*	1577.34	$1^+,2^+,3^+$
5077.21		1589.79 *20*	27 *3*	3487.05	$(2^+,3^+)$
		1966.29# *11*	44 *3*	3110.86	
		3383.6# *3*	28 *4*	1694.07	$(1)^+$

† From thermal-capture data of 1983De29.
‡ Percent photon branching from each level (1983De29).
# Based on level energies, placement of this transition is the only possible one in the level scheme of 1983De29.
@ Placement of this transition also reported from coincidence experiments in 1968Sh01 and 1972Bl16.

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme

Intensities: % photon branching from each level

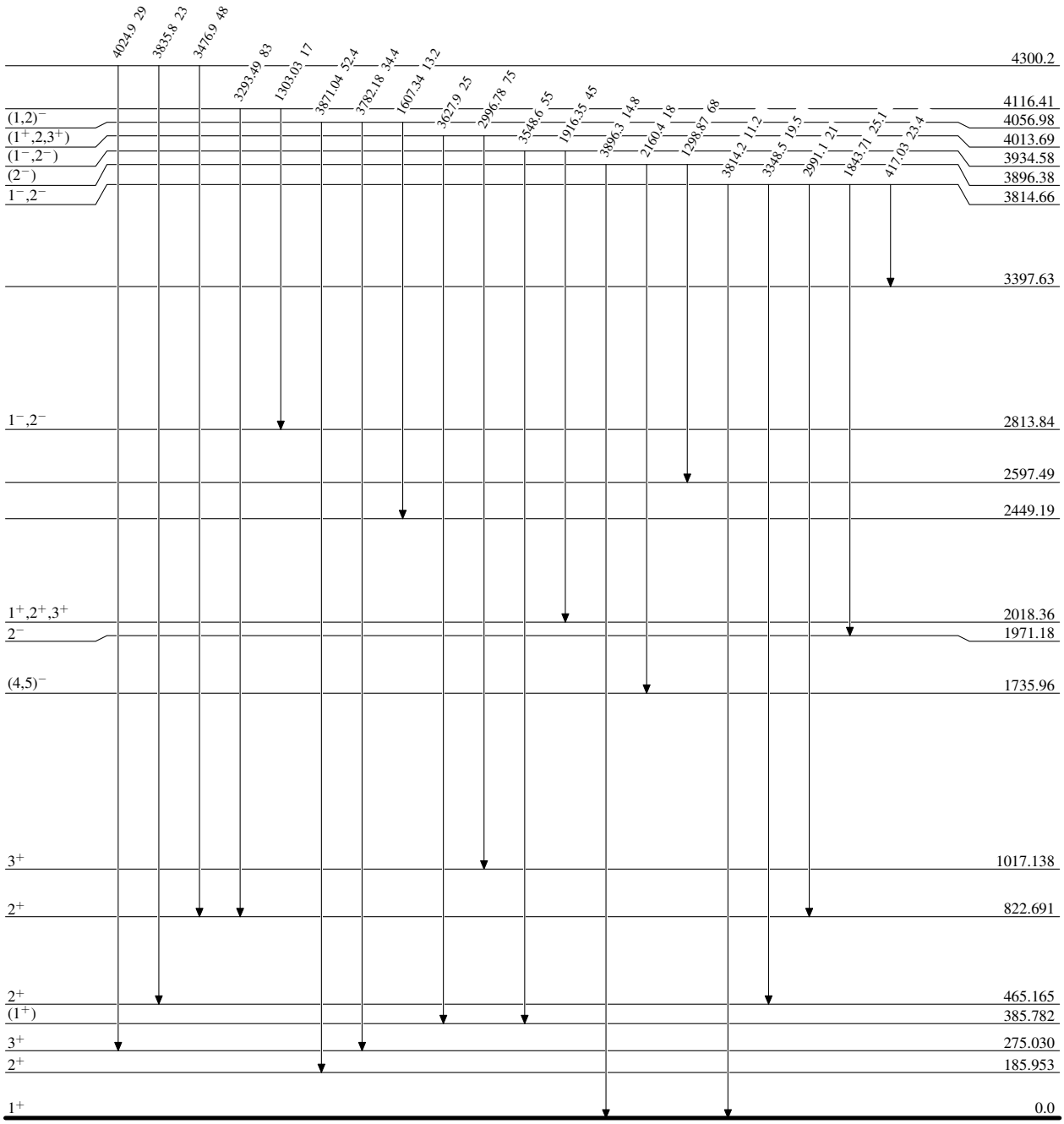


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

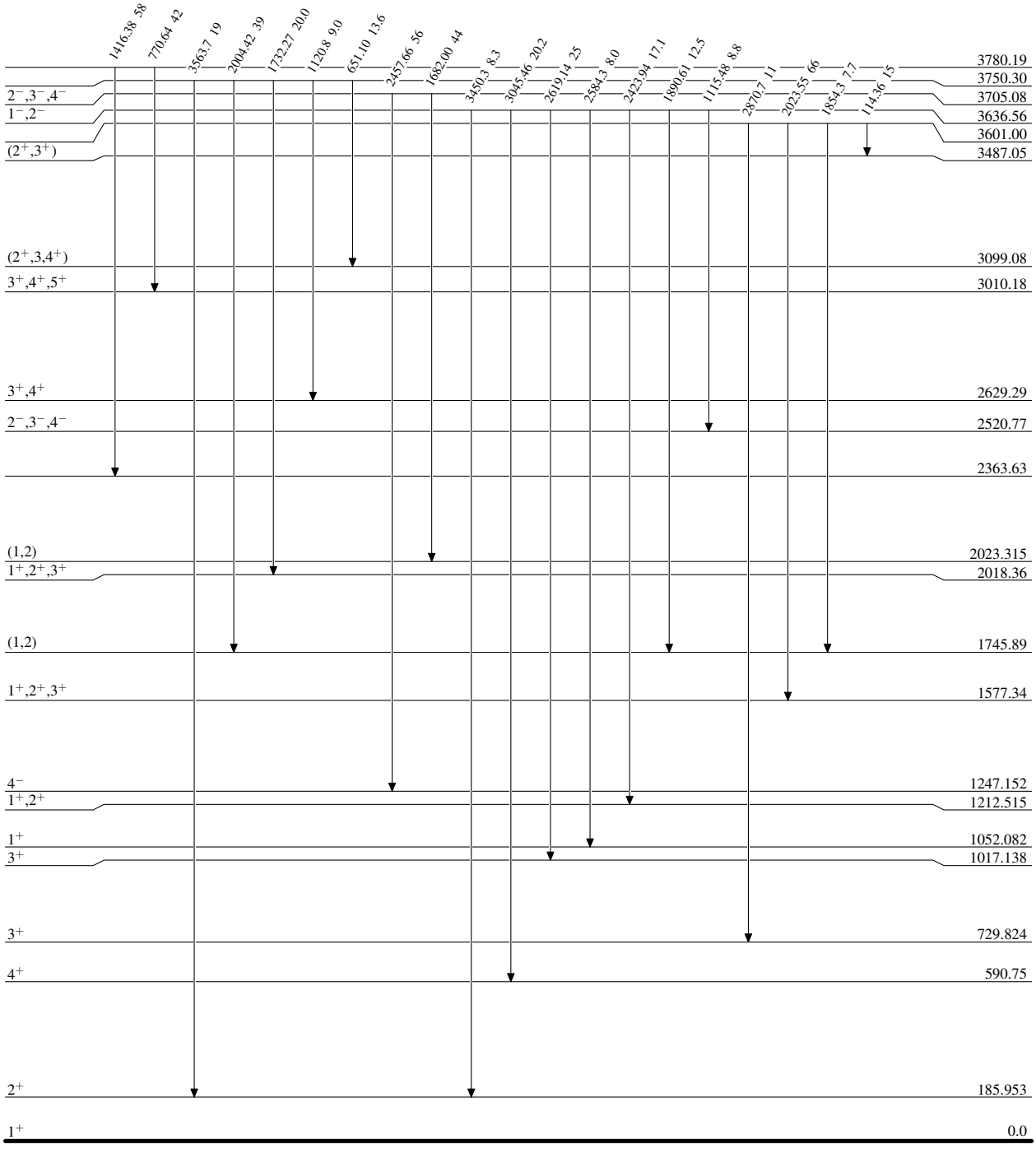


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

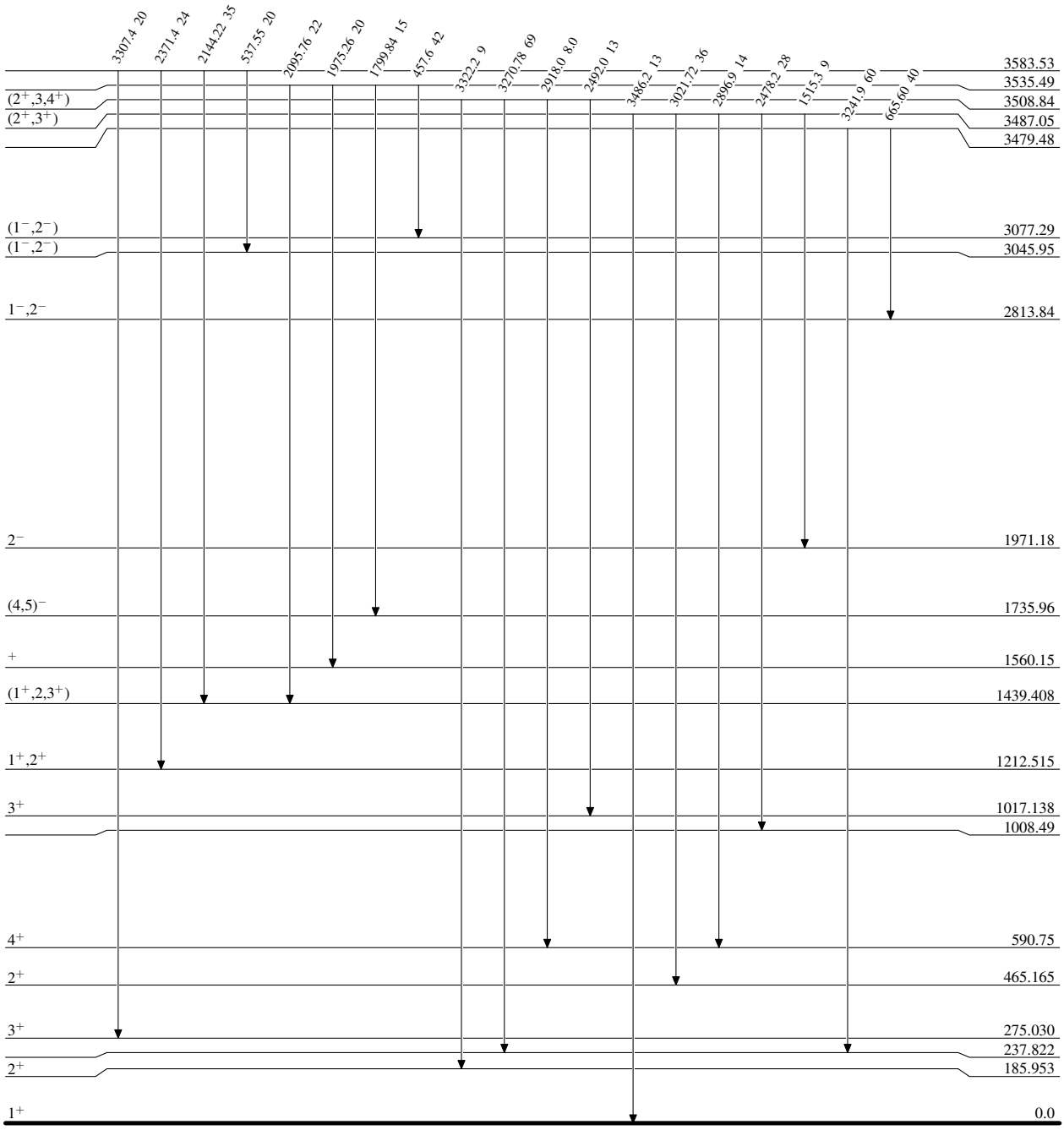


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

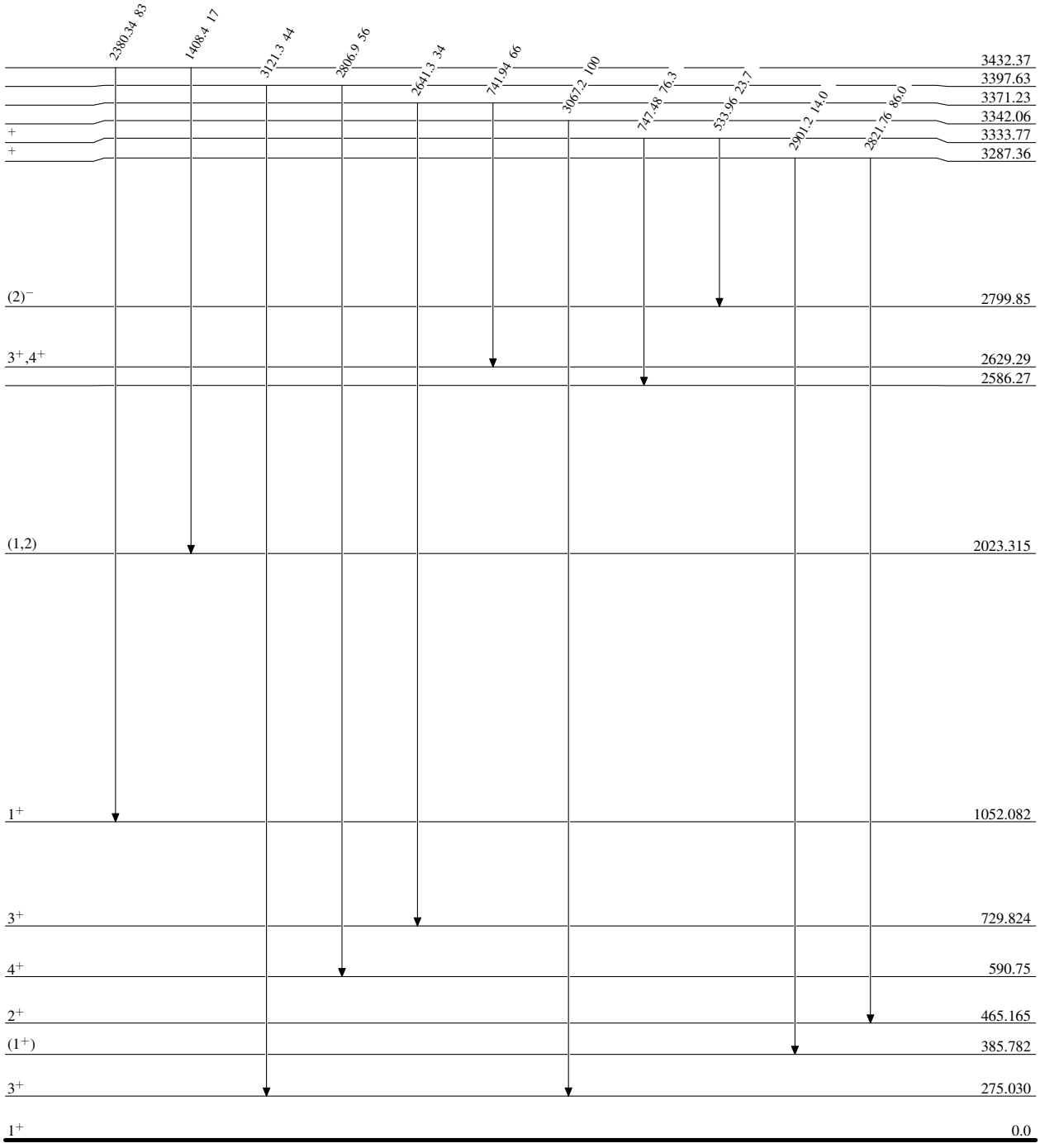


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

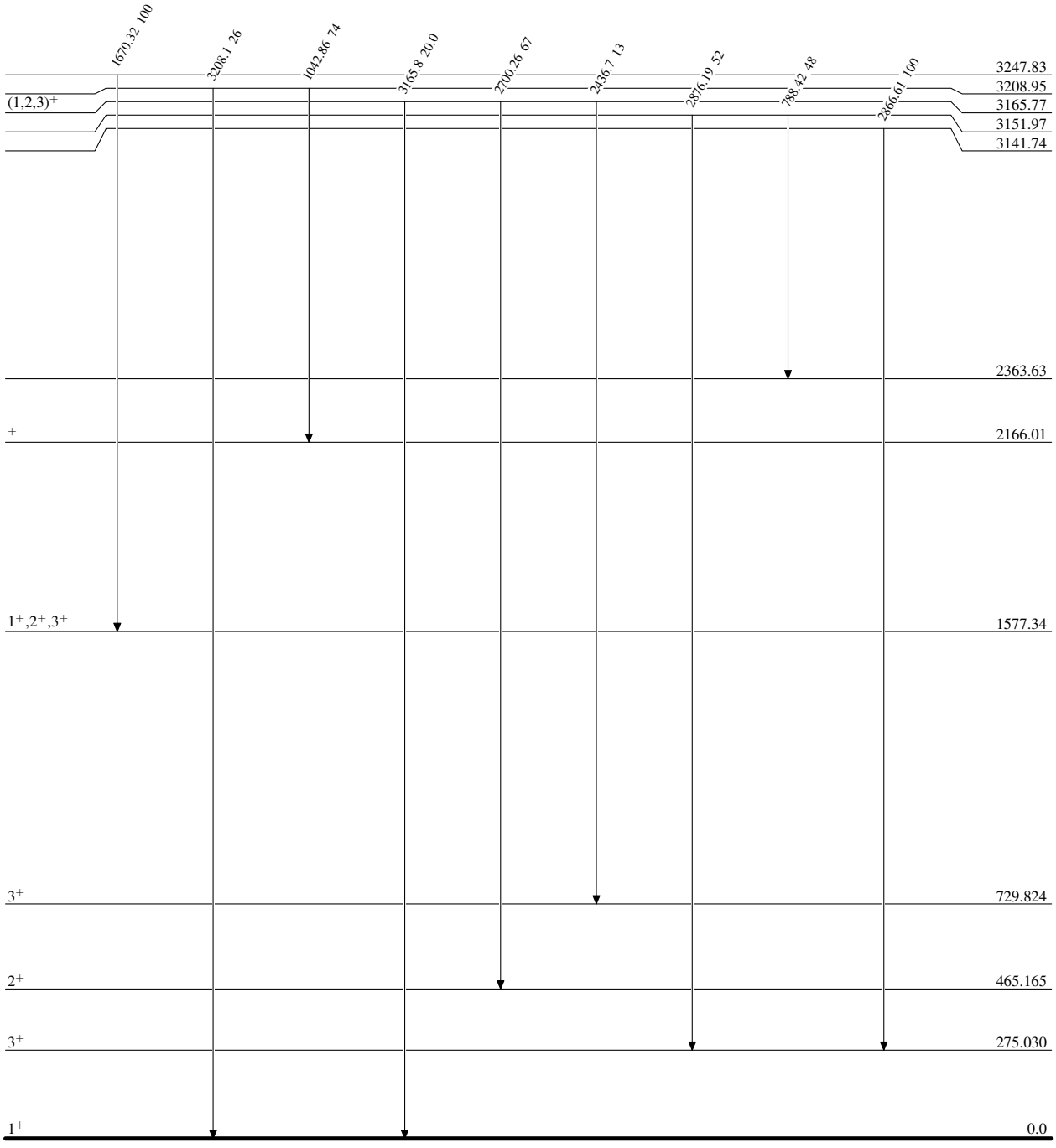


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

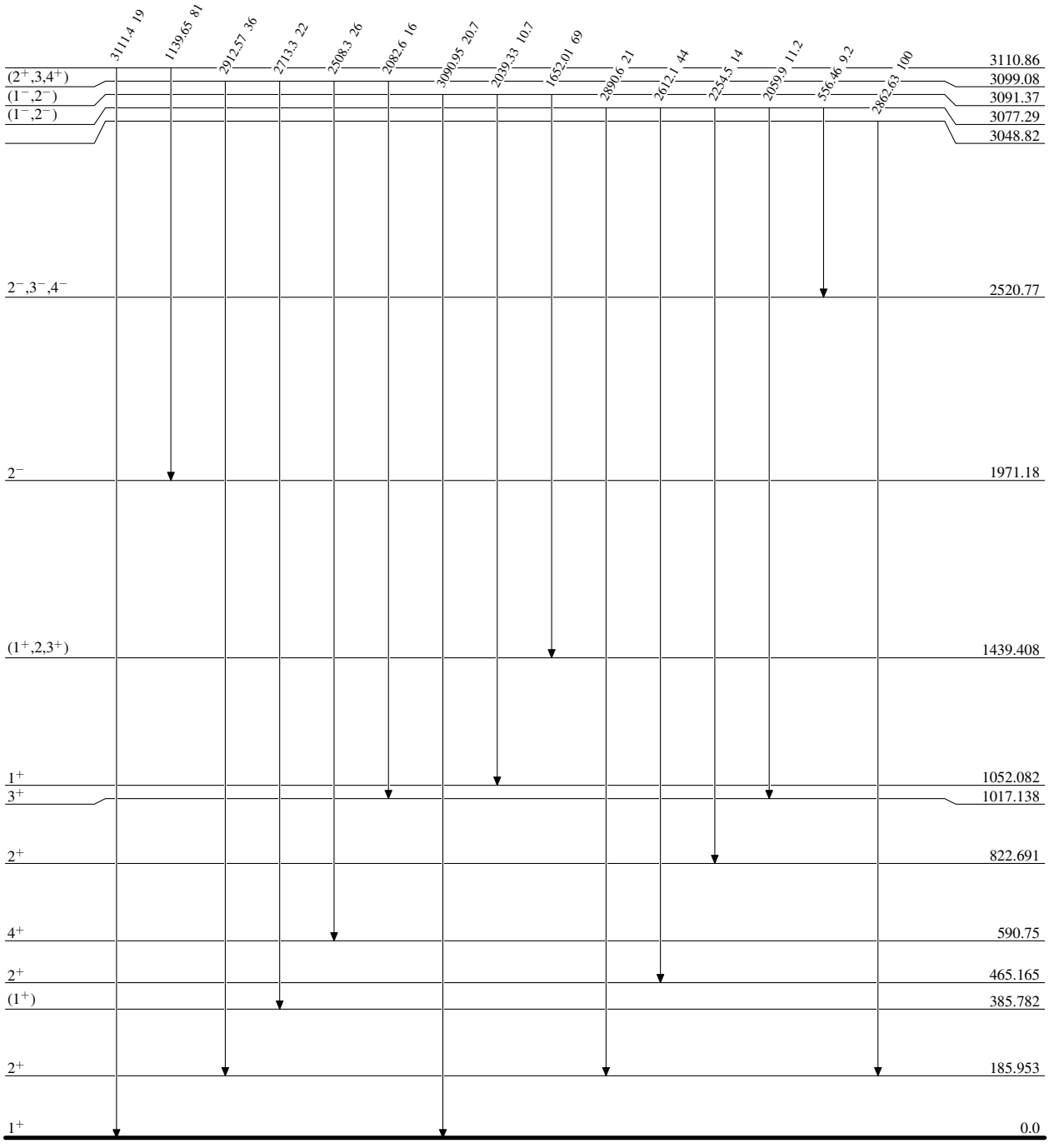


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

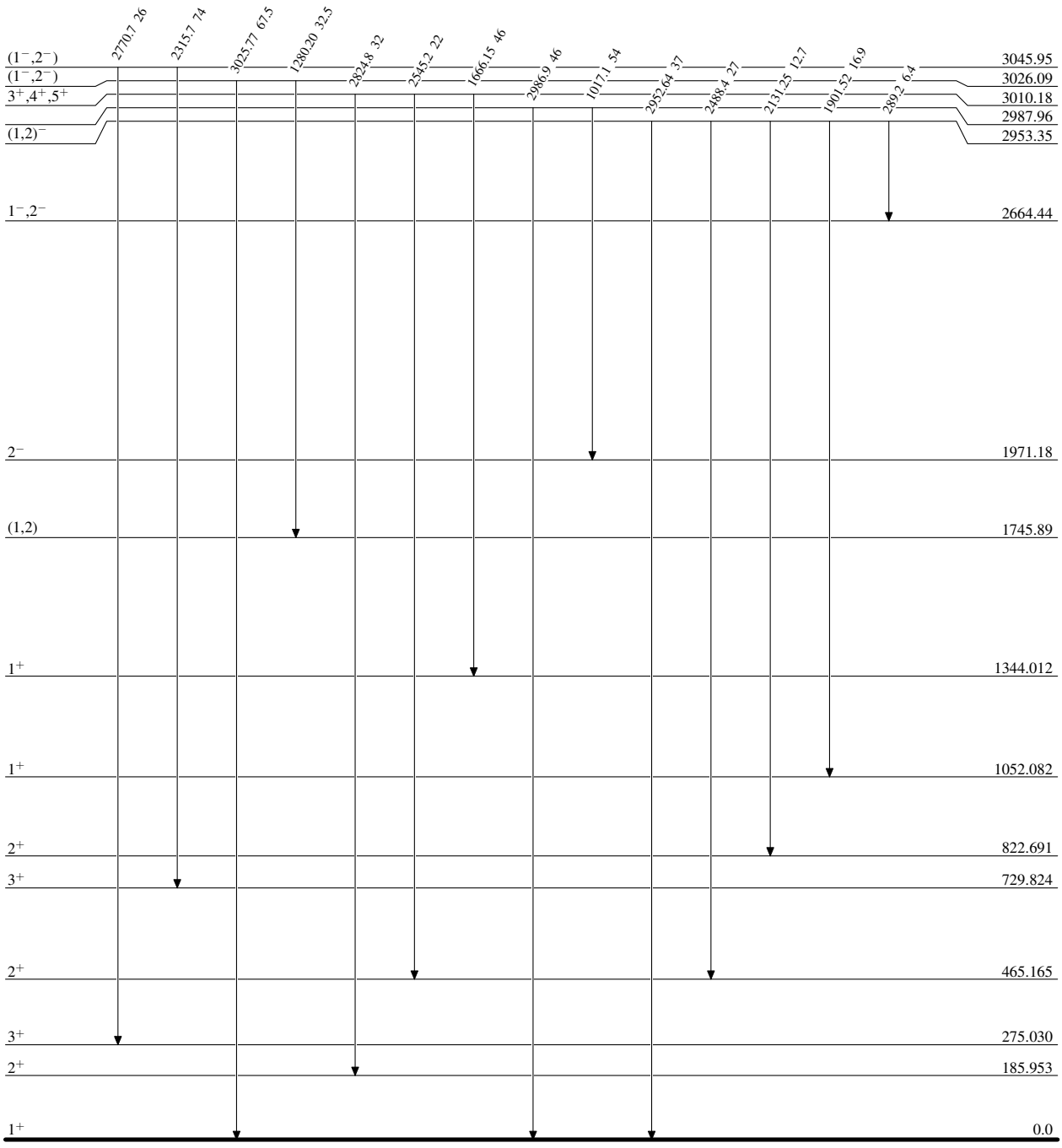


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

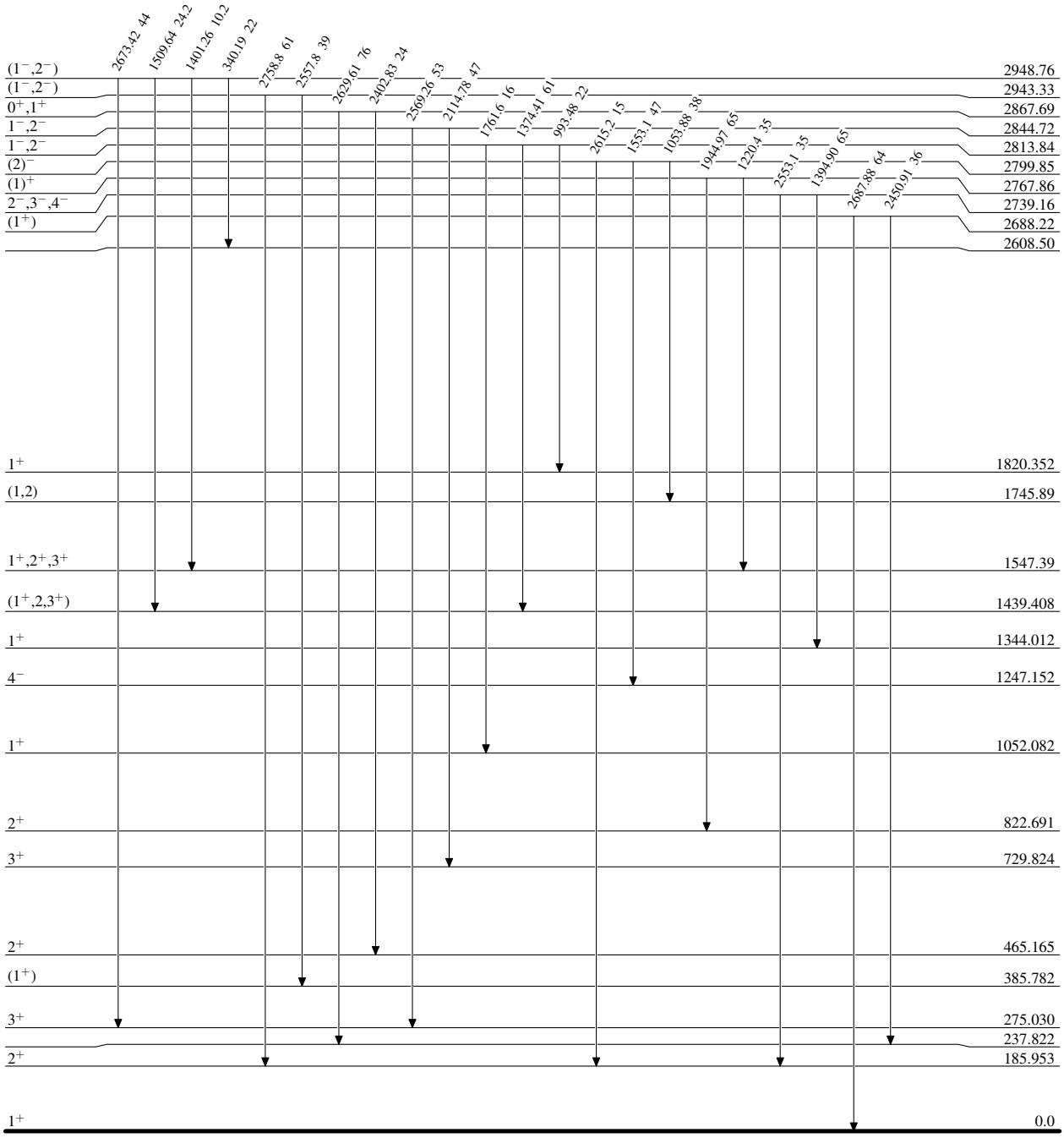


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

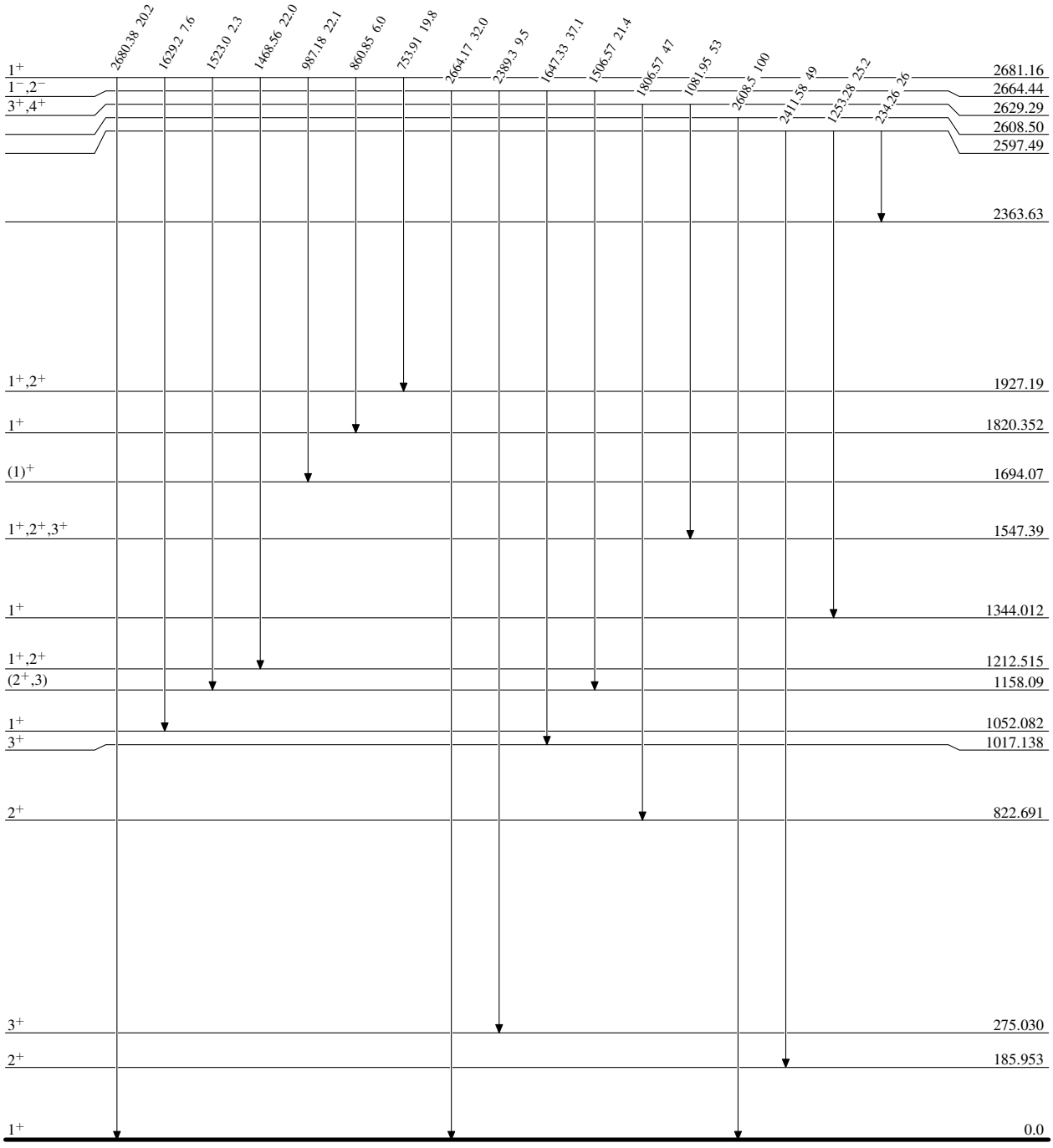


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

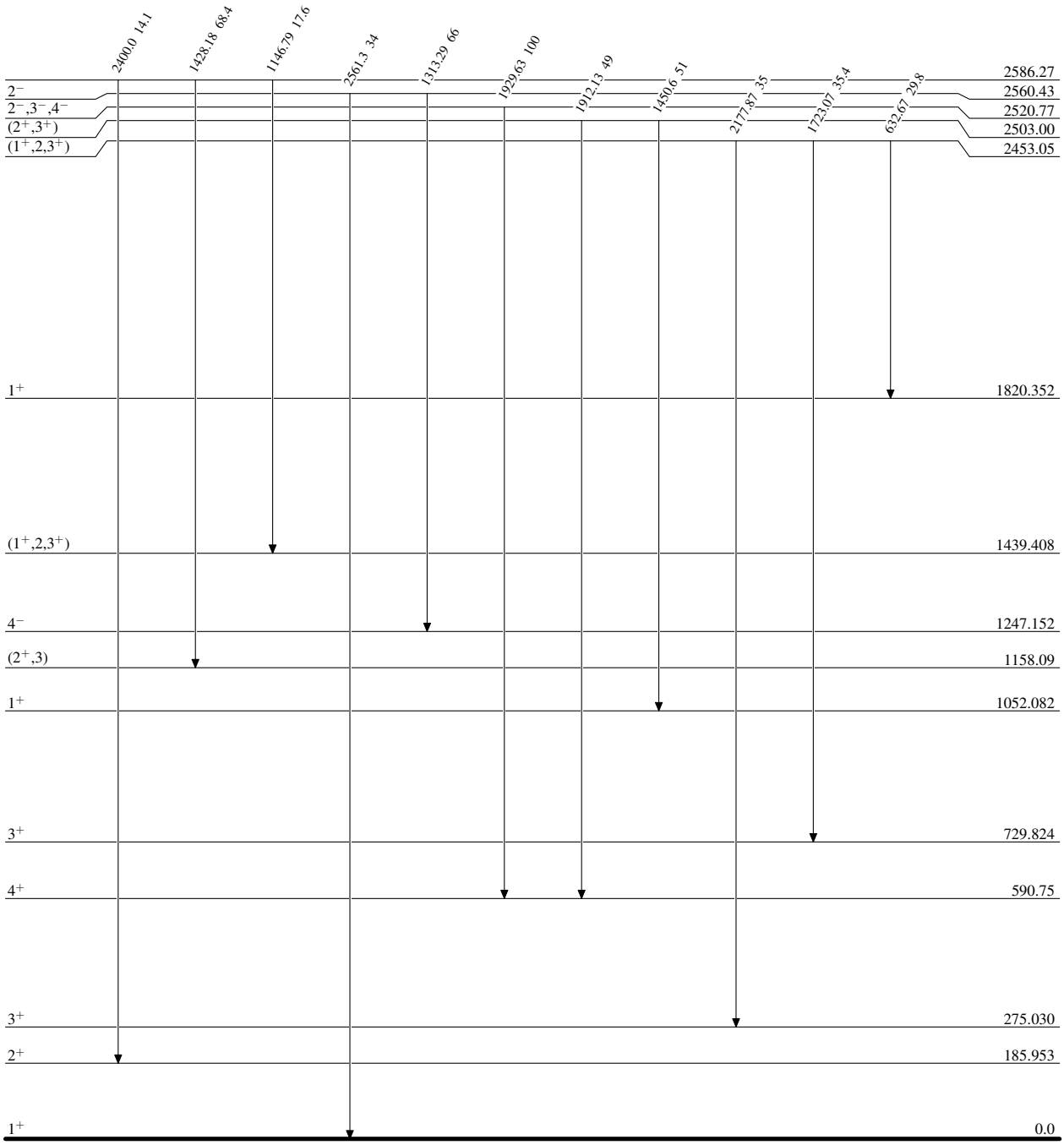


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

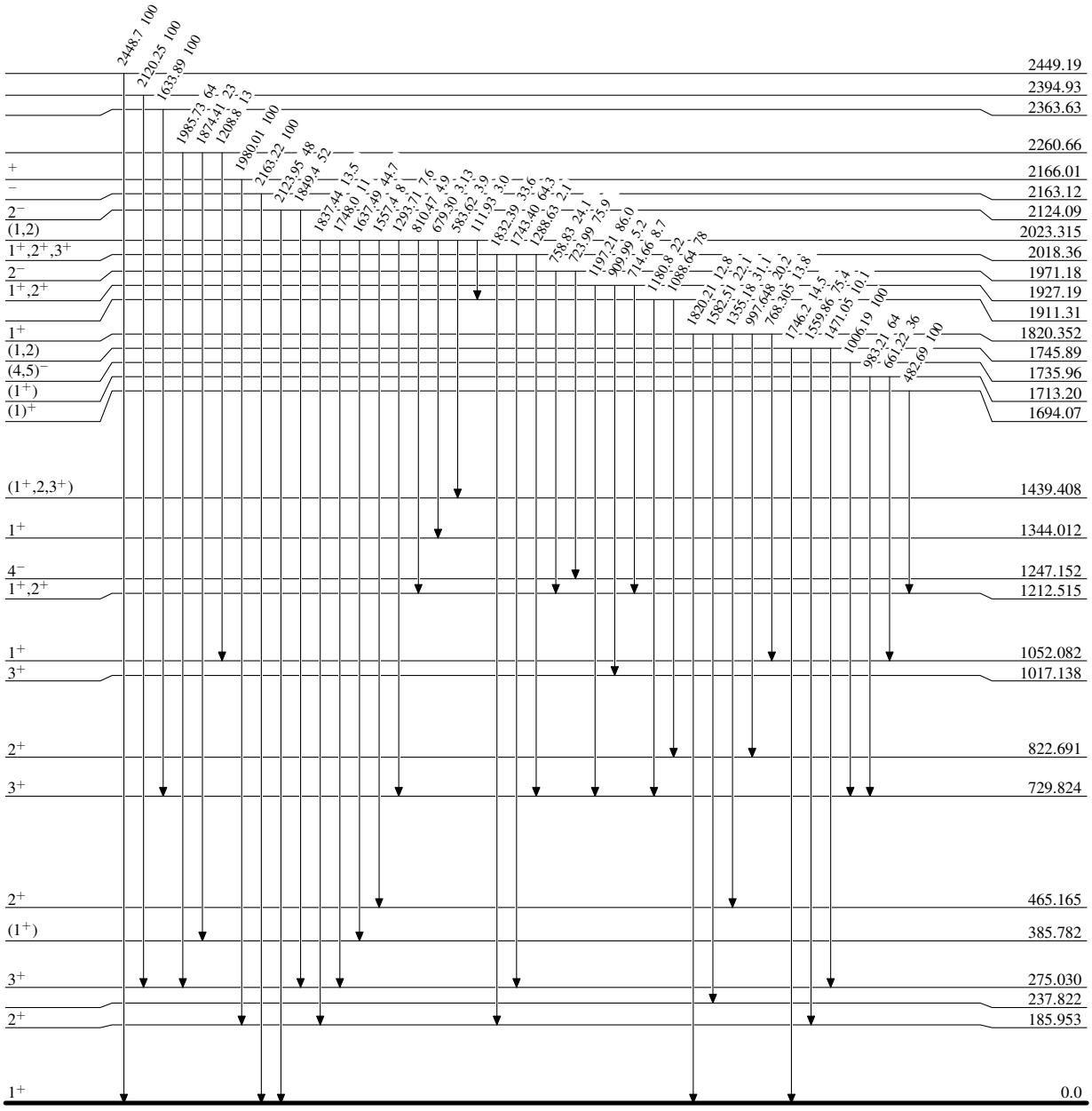


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

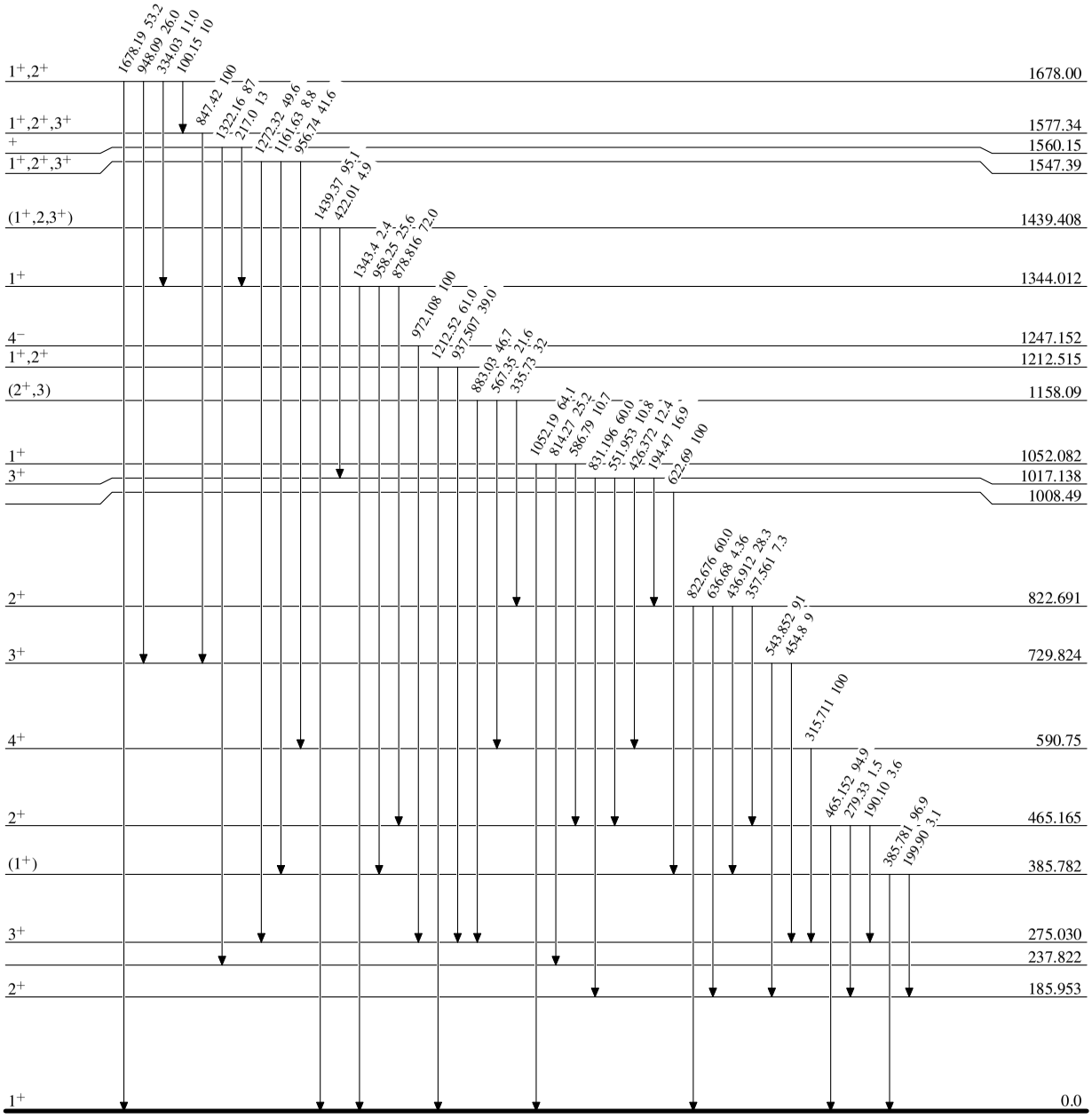


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level

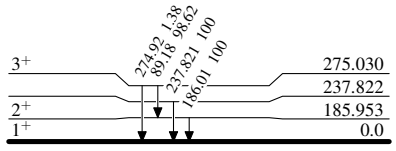


$^{66}_{29}Cu_{37}$

^{65}Cu(n,γ) E=2, 24 keV 1983De29

Level Scheme (continued)

Intensities: % photon branching from each level



$^{66}_{29}Cu_{37}$