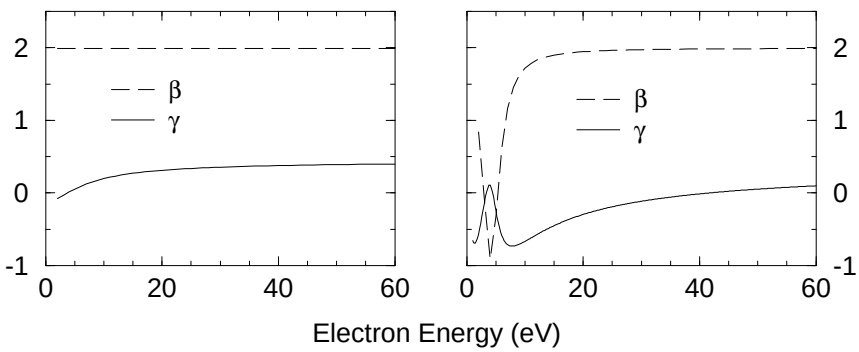
Kr 3s shell	E_b=293.1 (eV)		
E (eV)	ω (eV)	β	γ
2	295.1	1.9916	-0.0762
3	296.1	1.9915	-0.0310
4	297.1	1.9913	0.0131
5	298.1	1.9912	0.0542
6	299.1	1.9912	0.0911
7	300.1	1.9911	0.1237
8	301.1	1.9911	0.1521
9	302.1	1.9910	0.1768
10	303.1	1.9910	0.1983
11	304.1	1.9910	0.2169
12	305.1	1.9910	0.2332
13	306.1	1.9910	0.2475
14	307.1	1.9910	0.2601
15	308.1	1.9910	0.2712
16	309.1	1.9910	0.2812
17	310.1	1.9910	0.2900
18	311.1	1.9910	0.2980
19	312.1	1.9910	0.3053
20	313.1	1.9911	0.3118
22	315.1	1.9911	0.3233
24	317.1	1.9911	0.3330
26	319.1	1.9912	0.3413
28	321.1	1.9912	0.3485
30	323.1	1.9912	0.3548
32	325.1	1.9913	0.3604
34	327.1	1.9913	0.3653
36	329.1	1.9914	0.3697
38	331.1	1.9914	0.3737
40	333.1	1.9914	0.3773
42	335.1	1.9915	0.3805
44	337.1	1.9915	0.3834
46	339.1	1.9915	0.3861
48	341.1	1.9916	0.3885
50	343.1	1.9916	0.3907
52	345.1	1.9916	0.3927
54	347.1	1.9917	0.3945
56	349.1	1.9917	0.3961
58	351.1	1.9917	0.3976
60	353.1	1.9918	0.3989

Kr 4s shell	E_b = 27.5 (eV)		
E (eV)	ω (eV)	β	γ
2	29.5	0.8412	-0.5721
3	30.5	-0.0888	-0.1498
4	31.5	-0.9122	0.1079
5	32.5	-0.3144	-0.2380
6	33.5	0.6174	-0.5806
7	34.5	1.1652	-0.7097
8	35.5	1.4561	-0.7301
9	36.5	1.6197	-0.7066
10	37.5	1.7188	-0.6664
11	38.5	1.7829	-0.6209
12	39.5	1.8266	-0.5749
13	40.5	1.8576	-0.5305
14	41.5	1.8805	-0.4888
15	42.5	1.8979	-0.4499
16	43.5	1.9114	-0.4139
17	44.5	1.9222	-0.3807
18	45.5	1.9308	-0.3500
19	46.5	1.9380	-0.3216
20	47.5	1.9439	-0.2953
22	49.5	1.9531	-0.2484
24	51.5	1.9599	-0.2078
26	53.5	1.9650	-0.1724
28	55.5	1.9691	-0.1413
30	57.5	1.9723	-0.1137
32	59.5	1.9749	-0.0890
34	61.5	1.9770	-0.0669
36	63.5	1.9788	-0.0469
38	65.5	1.9804	-0.0287
40	67.5	1.9817	-0.0121
42	69.5	1.9828	0.0031
44	71.5	1.9838	0.0171
46	73.5	1.9846	0.0300
48	75.5	1.9854	0.0420
50	77.5	1.9861	0.0532
52	79.5	1.9867	0.0636
54	81.5	1.9872	0.0733
56	83.5	1.9877	0.0824
58	85.5	1.9882	0.0910
60	87.5	1.9886	0.0990

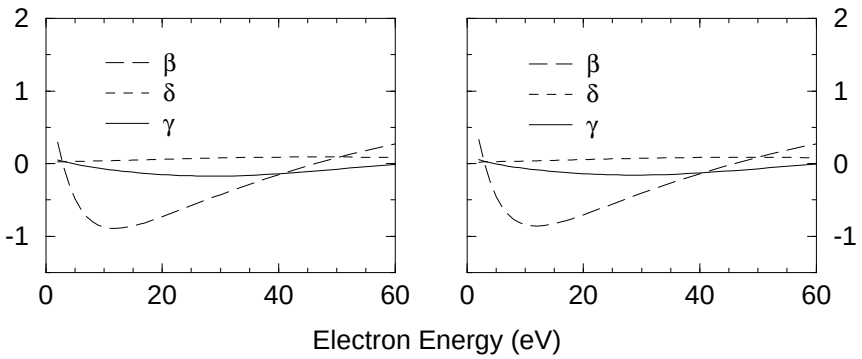


Kr $3p_{1/2}$ shell E_b = 222.4 (eV)

E (eV)	ω (eV)	β	δ	γ
2	224.4	0.2954	0.0247	0.0527
3	225.4	-0.0343	0.0261	0.0315
4	226.4	-0.2908	0.0278	0.0115
5	227.4	-0.4843	0.0297	-0.0067
6	228.4	-0.6267	0.0315	-0.0231
7	229.4	-0.7288	0.0334	-0.0377
8	230.4	-0.7995	0.0353	-0.0508
9	231.4	-0.8462	0.0372	-0.0627
10	232.4	-0.8745	0.0391	-0.0737
11	233.4	-0.8885	0.0410	-0.0838
12	234.4	-0.8916	0.0429	-0.0932
13	235.4	-0.8863	0.0449	-0.1020
14	236.4	-0.8746	0.0470	-0.1103
15	237.4	-0.8578	0.0491	-0.1181
16	238.4	-0.8373	0.0512	-0.1254
17	239.4	-0.8137	0.0533	-0.1322
18	240.4	-0.7879	0.0555	-0.1385
19	241.4	-0.7605	0.0576	-0.1443
20	242.4	-0.7318	0.0598	-0.1495
22	244.4	-0.6719	0.0641	-0.1585
24	246.4	-0.6104	0.0683	-0.1651
26	248.4	-0.5485	0.0722	-0.1694
28	250.4	-0.4872	0.0759	-0.1713
30	252.4	-0.4269	0.0792	-0.1709
32	254.4	-0.3681	0.0822	-0.1682
34	256.4	-0.3109	0.0847	-0.1635
36	258.4	-0.2554	0.0869	-0.1569
38	260.4	-0.2019	0.0886	-0.1487
40	262.4	-0.1501	0.0899	-0.1390
42	264.4	-0.1003	0.0909	-0.1281
44	266.4	-0.0522	0.0914	-0.1162
46	268.4	-0.0060	0.0917	-0.1036
48	270.4	0.0386	0.0917	-0.0904
50	272.4	0.0814	0.0914	-0.0769
52	274.4	0.1227	0.0908	-0.0631
54	276.4	0.1624	0.0901	-0.0493
56	278.4	0.2006	0.0891	-0.0355
58	280.4	0.2374	0.0881	-0.0218
60	282.4	0.2728	0.0869	-0.0084

Kr $3p_{3/2}$ shell E_b = 214.8 (eV)

E (eV)	ω (eV)	β	δ	γ
2	216.8	0.3326	0.0222	0.0541
3	217.8	-0.0008	0.0235	0.0336
4	218.8	-0.2583	0.0252	0.0142
5	219.8	-0.4517	0.0271	-0.0033
6	220.8	-0.5938	0.0289	-0.0189
7	221.8	-0.6955	0.0308	-0.0328
8	222.8	-0.7661	0.0326	-0.0453
9	223.8	-0.8128	0.0345	-0.0567
10	224.8	-0.8411	0.0363	-0.0670
11	225.8	-0.8555	0.0381	-0.0765
12	226.8	-0.8590	0.0400	-0.0854
13	227.8	-0.8542	0.0419	-0.0936
14	228.8	-0.8430	0.0439	-0.1013
15	229.8	-0.8269	0.0459	-0.1086
16	230.8	-0.8070	0.0479	-0.1153
17	231.8	-0.7841	0.0499	-0.1216
18	232.8	-0.7591	0.0520	-0.1274
19	233.8	-0.7324	0.0540	-0.1327
20	234.8	-0.7044	0.0561	-0.1375
22	236.8	-0.6461	0.0602	-0.1457
24	238.8	-0.5861	0.0641	-0.1517
26	240.8	-0.5259	0.0679	-0.1555
28	242.8	-0.4661	0.0714	-0.1572
30	244.8	-0.4074	0.0746	-0.1567
32	246.8	-0.3501	0.0774	-0.1542
34	248.8	-0.2944	0.0798	-0.1498
36	250.8	-0.2405	0.0819	-0.1437
38	252.8	-0.1883	0.0836	-0.1360
40	254.8	-0.1379	0.0849	-0.1270
42	256.8	-0.0894	0.0859	-0.1170
44	258.8	-0.0426	0.0865	-0.1060
46	260.8	0.0025	0.0868	-0.0944
48	262.8	0.0458	0.0868	-0.0822
50	264.8	0.0876	0.0865	-0.0697
52	266.8	0.1278	0.0861	-0.0570
54	268.8	0.1665	0.0854	-0.0442
56	270.8	0.2038	0.0846	-0.0315
58	272.8	0.2397	0.0836	-0.0189
60	274.8	0.2742	0.0825	-0.0065

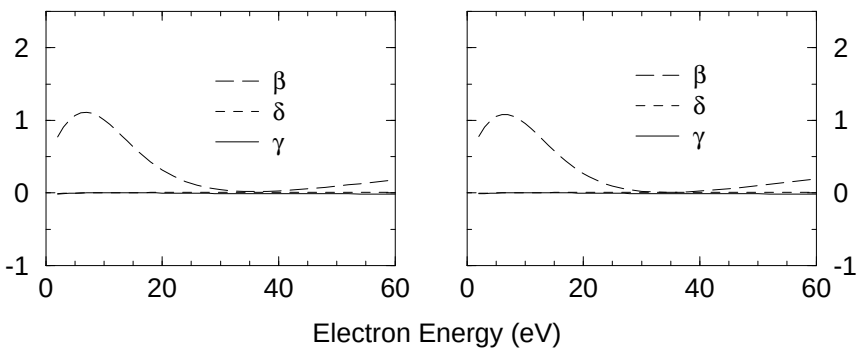


Kr $3d_{3/2}$ shell $E_b = 95.4$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	97.4	0.7703	-0.0065	-0.0124
3	98.4	0.9046	-0.0042	-0.0093
4	99.4	1.0023	-0.0022	-0.0060
5	100.4	1.0675	-0.0004	-0.0029
6	101.4	1.1029	0.0011	-0.0002
7	102.4	1.1110	0.0023	0.0020
8	103.4	1.0949	0.0032	0.0036
9	104.4	1.0584	0.0040	0.0047
10	105.4	1.0058	0.0045	0.0053
11	106.4	0.9412	0.0050	0.0056
12	107.4	0.8688	0.0053	0.0055
13	108.4	0.7921	0.0055	0.0051
14	109.4	0.7143	0.0057	0.0046
15	110.4	0.6376	0.0059	0.0039
16	111.4	0.5640	0.0060	0.0031
17	112.4	0.4946	0.0061	0.0023
18	113.4	0.4304	0.0062	0.0014
19	114.4	0.3716	0.0063	0.0006
20	115.4	0.3185	0.0064	-0.0003
22	117.4	0.2289	0.0066	-0.0019
24	119.4	0.1597	0.0068	-0.0033
26	121.4	0.1080	0.0070	-0.0046
28	123.4	0.0710	0.0072	-0.0058
30	125.4	0.0460	0.0074	-0.0068
32	127.4	0.0305	0.0076	-0.0077
34	129.4	0.0226	0.0078	-0.0084
36	131.4	0.0208	0.0080	-0.0091
38	133.4	0.0237	0.0082	-0.0097
40	135.4	0.0302	0.0084	-0.0102
42	137.4	0.0397	0.0086	-0.0106
44	139.4	0.0514	0.0088	-0.0110
46	141.4	0.0648	0.0091	-0.0114
48	143.4	0.0795	0.0093	-0.0117
50	145.4	0.0951	0.0095	-0.0119
52	147.4	0.1115	0.0097	-0.0121
54	149.4	0.1283	0.0099	-0.0123
56	151.4	0.1455	0.0102	-0.0125
58	153.4	0.1628	0.0104	-0.0126
60	155.4	0.1802	0.0106	-0.0127

Kr $3d_{5/2}$ shell $E_b = 94.2$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	96.2	0.7768	-0.0060	-0.0116
3	97.2	0.9050	-0.0038	-0.0084
4	98.2	0.9956	-0.0017	-0.0051
5	99.2	1.0531	0.0000	-0.0022
6	100.2	1.0806	0.0015	0.0004
7	101.2	1.0808	0.0027	0.0024
8	102.2	1.0574	0.0036	0.0038
9	103.2	1.0145	0.0044	0.0047
10	104.2	0.9565	0.0049	0.0052
11	105.2	0.8877	0.0053	0.0053
12	106.2	0.8122	0.0056	0.0051
13	107.2	0.7337	0.0059	0.0047
14	108.2	0.6550	0.0060	0.0040
15	109.2	0.5785	0.0062	0.0033
16	110.2	0.5058	0.0063	0.0024
17	111.2	0.4381	0.0064	0.0016
18	112.2	0.3758	0.0065	0.0007
19	113.2	0.3195	0.0066	-0.0002
20	114.2	0.2690	0.0067	-0.0010
22	116.2	0.1851	0.0068	-0.0026
24	118.2	0.1217	0.0070	-0.0041
26	120.2	0.0757	0.0072	-0.0053
28	122.2	0.0440	0.0074	-0.0064
30	124.2	0.0238	0.0076	-0.0074
32	126.2	0.0127	0.0078	-0.0082
34	128.2	0.0088	0.0080	-0.0089
36	130.2	0.0105	0.0081	-0.0096
38	132.2	0.0166	0.0083	-0.0101
40	134.2	0.0260	0.0086	-0.0106
42	136.2	0.0380	0.0088	-0.0110
44	138.2	0.0520	0.0090	-0.0113
46	140.2	0.0674	0.0092	-0.0116
48	142.2	0.0839	0.0094	-0.0119
50	144.2	0.1012	0.0096	-0.0121
52	146.2	0.1190	0.0098	-0.0123
54	148.2	0.1371	0.0100	-0.0125
56	150.2	0.1555	0.0102	-0.0126
58	152.2	0.1738	0.0105	-0.0127
60	154.2	0.1922	0.0107	-0.0128

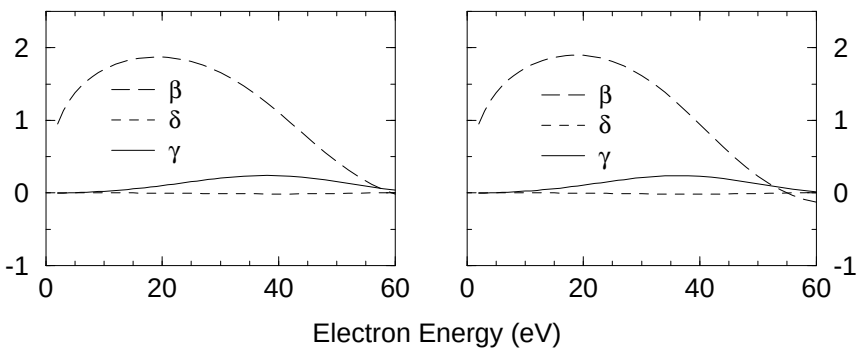


Kr $4p_{1/2}$ shell E_b = 14.7 (eV)

E (eV)	ω (eV)	β	δ	γ
2	16.7	0.9531	0.0026	-0.0035
3	17.7	1.1336	0.0026	-0.0006
4	18.7	1.2711	0.0025	0.0023
5	19.7	1.3801	0.0024	0.0052
6	20.7	1.4690	0.0023	0.0083
7	21.7	1.5428	0.0022	0.0118
8	22.7	1.6049	0.0020	0.0155
9	23.7	1.6575	0.0019	0.0198
10	24.7	1.7023	0.0017	0.0245
11	25.7	1.7404	0.0015	0.0297
12	26.7	1.7727	0.0013	0.0355
13	27.7	1.7998	0.0010	0.0419
14	28.7	1.8221	0.0007	0.0488
15	29.7	1.8399	0.0004	0.0563
16	30.7	1.8537	0.0000	0.0644
17	31.7	1.8634	-0.0005	0.0731
18	32.7	1.8694	-0.0009	0.0822
19	33.7	1.8716	-0.0015	0.0918
20	34.7	1.8702	-0.0020	0.1018
22	36.7	1.8565	-0.0033	0.1226
24	38.7	1.8284	-0.0046	0.1440
26	40.7	1.7858	-0.0060	0.1653
28	42.7	1.7288	-0.0075	0.1854
30	44.7	1.6573	-0.0089	0.2036
32	46.7	1.5717	-0.0102	0.2189
34	48.7	1.4725	-0.0113	0.2305
36	50.7	1.3610	-0.0122	0.2377
38	52.7	1.2388	-0.0126	0.2400
40	54.7	1.1080	-0.0127	0.2372
42	56.7	0.9714	-0.0124	0.2293
44	58.7	0.8320	-0.0116	0.2166
46	60.7	0.6934	-0.0103	0.1997
48	62.7	0.5588	-0.0087	0.1794
50	64.7	0.4316	-0.0067	0.1567
52	66.7	0.3145	-0.0044	0.1326
54	68.7	0.2099	-0.0019	0.1080
56	70.7	0.1193	0.0007	0.0840
58	72.7	0.0434	0.0034	0.0613
60	74.7	-0.0173	0.0060	0.0405

Kr $4p_{3/2}$ shell E_b = 14.0 (eV)

E (eV)	ω (eV)	β	δ	γ
2	16.0	0.9472	0.0028	-0.0038
3	17.0	1.1294	0.0027	-0.0009
4	18.0	1.2695	0.0027	0.0020
5	19.0	1.3816	0.0026	0.0050
6	20.0	1.4736	0.0025	0.0082
7	21.0	1.5507	0.0024	0.0118
8	22.0	1.6160	0.0022	0.0157
9	23.0	1.6718	0.0021	0.0201
10	24.0	1.7195	0.0019	0.0250
11	25.0	1.7603	0.0017	0.0306
12	26.0	1.7950	0.0014	0.0367
13	27.0	1.8241	0.0011	0.0434
14	28.0	1.8480	0.0007	0.0508
15	29.0	1.8670	0.0003	0.0588
16	30.0	1.8814	-0.0001	0.0674
17	31.0	1.8912	-0.0006	0.0766
18	32.0	1.8966	-0.0012	0.0863
19	33.0	1.8977	-0.0018	0.0965
20	34.0	1.8943	-0.0025	0.1071
22	36.0	1.8745	-0.0040	0.1292
24	38.0	1.8370	-0.0056	0.1518
26	40.0	1.7816	-0.0074	0.1739
28	42.0	1.7081	-0.0092	0.1944
30	44.0	1.6169	-0.0109	0.2122
32	46.0	1.5086	-0.0124	0.2262
34	48.0	1.3849	-0.0137	0.2356
36	50.0	1.2479	-0.0145	0.2396
38	52.0	1.1007	-0.0149	0.2379
40	54.0	0.9471	-0.0148	0.2303
42	56.0	0.7913	-0.0141	0.2173
44	58.0	0.6379	-0.0129	0.1995
46	60.0	0.4912	-0.0112	0.1779
48	62.0	0.3550	-0.0090	0.1537
50	64.0	0.2327	-0.0065	0.1282
52	66.0	0.1263	-0.0038	0.1024
54	68.0	0.0371	-0.0009	0.0775
56	70.0	-0.0345	0.0020	0.0542
58	72.0	-0.0890	0.0048	0.0333
60	74.0	-0.1276	0.0075	0.0151

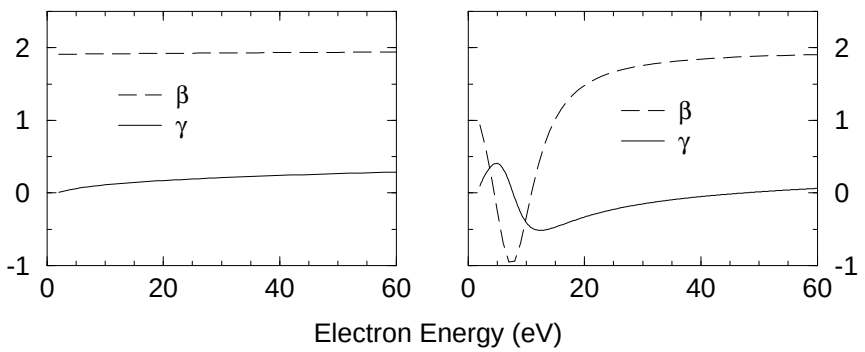


Xe $4s$ shell $E_b = 217.7$ (eV)

E (eV)	ω (eV)	β	γ
2	219.7	1.9117	0.0076
3	220.7	1.9119	0.0284
4	221.7	1.9121	0.0460
5	222.7	1.9124	0.0609
6	223.7	1.9129	0.0738
7	224.7	1.9134	0.0851
8	225.7	1.9139	0.0952
9	226.7	1.9145	0.1042
10	227.7	1.9151	0.1124
11	228.7	1.9157	0.1200
12	229.7	1.9163	0.1270
13	230.7	1.9170	0.1336
14	231.7	1.9176	0.1398
15	232.7	1.9183	0.1457
16	233.7	1.9189	0.1512
17	234.7	1.9196	0.1565
18	235.7	1.9202	0.1616
19	236.7	1.9209	0.1665
20	237.7	1.9215	0.1712
22	239.7	1.9228	0.1801
24	241.7	1.9240	0.1884
26	243.7	1.9252	0.1963
28	245.7	1.9263	0.2037
30	247.7	1.9275	0.2108
32	249.7	1.9286	0.2175
34	251.7	1.9296	0.2239
36	253.7	1.9307	0.2300
38	255.7	1.9317	0.2359
40	257.7	1.9326	0.2415
42	259.7	1.9336	0.2468
44	261.7	1.9345	0.2520
46	263.7	1.9353	0.2570
48	265.7	1.9362	0.2617
50	267.7	1.9370	0.2663
52	269.7	1.9378	0.2707
54	271.7	1.9386	0.2750
56	273.7	1.9393	0.2791
58	275.7	1.9400	0.2830
60	277.7	1.9407	0.2868

Xe $5s$ shell $E_b = 23.4$ (eV)

E (eV)	ω (eV)	β	γ
2	25.4	0.9400	0.0964
3	26.4	0.6198	0.2601
4	27.4	0.2150	0.3714
5	28.4	-0.2488	0.4054
6	29.4	-0.6835	0.3357
7	30.4	-0.9476	0.1629
8	31.4	-0.9400	-0.0620
9	32.4	-0.6933	-0.2660
10	33.4	-0.3300	-0.4067
11	34.4	0.0417	-0.4827
12	35.4	0.3682	-0.5114
13	36.4	0.6361	-0.5109
14	37.4	0.8500	-0.4943
15	38.4	1.0195	-0.4696
16	39.4	1.1543	-0.4415
17	40.4	1.2623	-0.4126
18	41.4	1.3499	-0.3842
19	42.4	1.4215	-0.3569
20	43.4	1.4808	-0.3312
22	45.4	1.5723	-0.2846
24	47.4	1.6387	-0.2440
26	49.4	1.6884	-0.2086
28	51.4	1.7268	-0.1776
30	53.4	1.7570	-0.1502
32	55.4	1.7813	-0.1258
34	57.4	1.8012	-0.1039
36	59.4	1.8177	-0.0842
38	61.4	1.8317	-0.0662
40	63.4	1.8435	-0.0497
42	65.4	1.8538	-0.0346
44	67.4	1.8626	-0.0206
46	69.4	1.8704	-0.0076
48	71.4	1.8772	0.0045
50	73.4	1.8833	0.0158
52	75.4	1.8888	0.0265
54	77.4	1.8936	0.0365
56	79.4	1.8980	0.0460
58	81.4	1.9020	0.0549
60	83.4	1.9057	0.0634

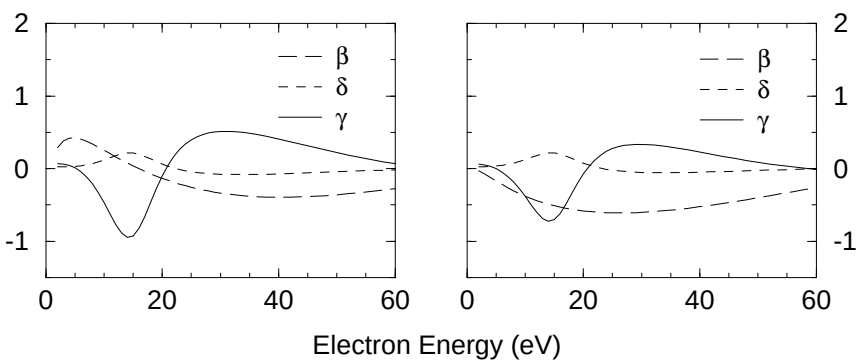


Xe $4p_{1/2}$ shell $E_b = 163.9$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	165.9	0.2927	0.0234	0.0679
3	166.9	0.3851	0.0230	0.0653
4	167.9	0.4223	0.0257	0.0467
5	168.9	0.4254	0.0315	0.0115
6	169.9	0.4076	0.0408	-0.0417
7	170.9	0.3771	0.0540	-0.1149
8	171.9	0.3391	0.0714	-0.2101
9	172.9	0.2969	0.0934	-0.3280
10	173.9	0.2527	0.1198	-0.4665
11	174.9	0.2079	0.1492	-0.6180
12	175.9	0.1635	0.1787	-0.7663
13	176.9	0.1202	0.2035	-0.8858
14	177.9	0.0785	0.2178	-0.9465
15	178.9	0.0385	0.2167	-0.9262
16	179.9	0.0005	0.1996	-0.8237
17	180.9	-0.0355	0.1700	-0.6604
18	181.9	-0.0696	0.1339	-0.4682
19	182.9	-0.1018	0.0968	-0.2760
20	183.9	-0.1320	0.0624	-0.1017
22	185.9	-0.1868	0.0072	0.1683
24	187.9	-0.2342	-0.0300	0.3402
26	189.9	-0.2744	-0.0537	0.4405
28	191.9	-0.3080	-0.0681	0.4926
30	193.9	-0.3353	-0.0761	0.5129
32	195.9	-0.3568	-0.0798	0.5120
34	197.9	-0.3730	-0.0804	0.4969
36	199.9	-0.3844	-0.0788	0.4723
38	201.9	-0.3912	-0.0758	0.4415
40	203.9	-0.3940	-0.0716	0.4068
42	205.9	-0.3932	-0.0667	0.3699
44	207.9	-0.3890	-0.0613	0.3320
46	209.9	-0.3820	-0.0556	0.2942
48	211.9	-0.3723	-0.0497	0.2571
50	213.9	-0.3603	-0.0438	0.2212
52	215.9	-0.3462	-0.0378	0.1869
54	217.9	-0.3303	-0.0320	0.1544
56	219.9	-0.3128	-0.0263	0.1240
58	221.9	-0.2940	-0.0209	0.0957
60	223.9	-0.2741	-0.0156	0.0696

Xe $4p_{3/2}$ shell $E_b = 156.5$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	158.5	-0.0295	0.0260	0.0605
3	159.5	-0.0710	0.0272	0.0523
4	160.5	-0.1190	0.0310	0.0320
5	161.5	-0.1685	0.0376	-0.0006
6	162.5	-0.2170	0.0473	-0.0467
7	163.5	-0.2629	0.0606	-0.1074
8	164.5	-0.3057	0.0778	-0.1839
9	165.5	-0.3451	0.0991	-0.2762
10	166.5	-0.3810	0.1243	-0.3820
11	167.5	-0.4135	0.1521	-0.4950
12	168.5	-0.4426	0.1800	-0.6027
13	169.5	-0.4686	0.2034	-0.6860
14	170.5	-0.4917	0.2172	-0.7236
15	171.5	-0.5122	0.2170	-0.7005
16	172.5	-0.5303	0.2019	-0.6172
17	173.5	-0.5463	0.1751	-0.4906
18	174.5	-0.5603	0.1421	-0.3449
19	175.5	-0.5723	0.1080	-0.2013
20	176.5	-0.5825	0.0761	-0.0729
22	178.5	-0.5977	0.0251	0.1208
24	180.5	-0.6065	-0.0093	0.2385
26	182.5	-0.6096	-0.0310	0.3020
28	184.5	-0.6077	-0.0441	0.3301
30	186.5	-0.6014	-0.0513	0.3356
32	188.5	-0.5914	-0.0545	0.3266
34	190.5	-0.5781	-0.0551	0.3085
36	192.5	-0.5620	-0.0537	0.2847
38	194.5	-0.5435	-0.0511	0.2576
40	196.5	-0.5230	-0.0476	0.2288
42	198.5	-0.5008	-0.0435	0.1994
44	200.5	-0.4771	-0.0390	0.1702
46	202.5	-0.4522	-0.0343	0.1419
48	204.5	-0.4264	-0.0294	0.1148
50	206.5	-0.3999	-0.0246	0.0892
52	208.5	-0.3727	-0.0198	0.0653
54	210.5	-0.3451	-0.0151	0.0432
56	212.5	-0.3172	-0.0106	0.0228
58	214.5	-0.2891	-0.0062	0.0044
60	216.5	-0.2609	-0.0021	-0.0123

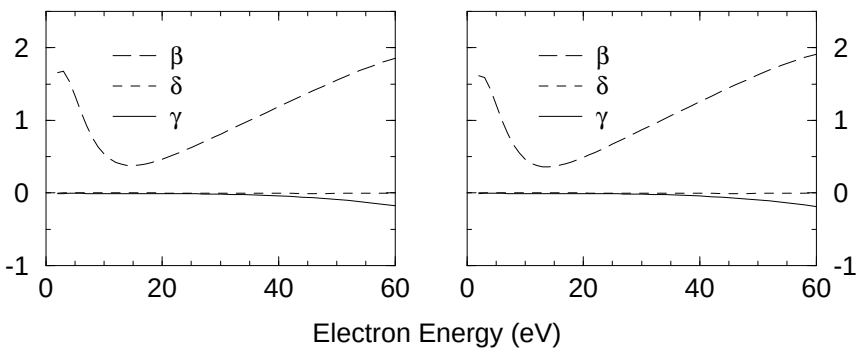


Xe $4d_{3/2}$ shell $E_b = 69.5$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	71.5	1.6591	-0.0005	-0.0078
3	72.5	1.6736	0.0012	-0.0064
4	73.5	1.5399	0.0021	-0.0058
5	74.5	1.3367	0.0025	-0.0058
6	75.5	1.1208	0.0027	-0.0060
7	76.5	0.9244	0.0026	-0.0063
8	77.5	0.7608	0.0025	-0.0066
9	78.5	0.6325	0.0024	-0.0068
10	79.5	0.5365	0.0022	-0.0070
11	80.5	0.4679	0.0020	-0.0071
12	81.5	0.4219	0.0018	-0.0071
13	82.5	0.3939	0.0016	-0.0072
14	83.5	0.3801	0.0014	-0.0072
15	84.5	0.3776	0.0012	-0.0073
16	85.5	0.3840	0.0010	-0.0073
17	86.5	0.3972	0.0007	-0.0074
18	87.5	0.4159	0.0005	-0.0076
19	88.5	0.4389	0.0002	-0.0078
20	89.5	0.4652	0.0000	-0.0081
22	91.5	0.5253	-0.0006	-0.0088
24	93.5	0.5919	-0.0011	-0.0100
26	95.5	0.6627	-0.0017	-0.0115
28	97.5	0.7358	-0.0023	-0.0136
30	99.5	0.8104	-0.0030	-0.0161
32	101.5	0.8857	-0.0036	-0.0193
34	103.5	0.9613	-0.0042	-0.0232
36	105.5	1.0370	-0.0047	-0.0278
38	107.5	1.1126	-0.0052	-0.0333
40	109.5	1.1878	-0.0057	-0.0397
42	111.5	1.2626	-0.0061	-0.0471
44	113.5	1.3367	-0.0063	-0.0556
46	115.5	1.4100	-0.0064	-0.0654
48	117.5	1.4820	-0.0064	-0.0765
50	119.5	1.5523	-0.0061	-0.0890
52	121.5	1.6204	-0.0056	-0.1031
54	123.5	1.6855	-0.0048	-0.1189
56	125.5	1.7466	-0.0037	-0.1365
58	127.5	1.8024	-0.0021	-0.1559
60	129.5	1.8513	-0.0001	-0.1773

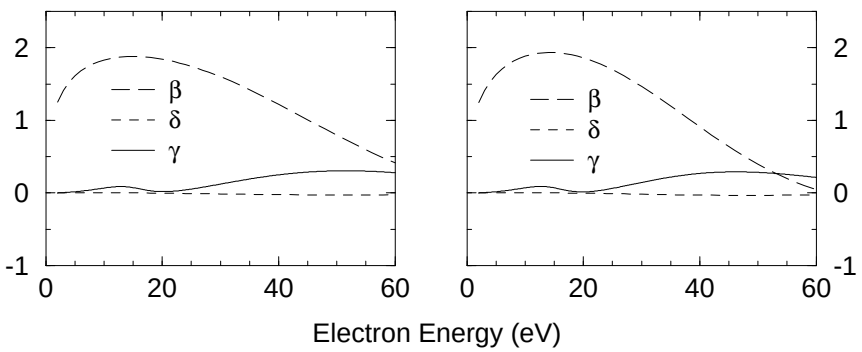
Xe $4d_{5/2}$ shell $E_b = 67.6$ (eV)

E (eV)	ω (eV)	β	δ	γ
2	69.6	1.6150	0.0002	-0.0063
3	70.6	1.5878	0.0018	-0.0054
4	71.6	1.4284	0.0026	-0.0052
5	72.6	1.2149	0.0029	-0.0056
6	73.6	1.0002	0.0030	-0.0061
7	74.6	0.8125	0.0029	-0.0065
8	75.6	0.6617	0.0028	-0.0069
9	76.6	0.5477	0.0026	-0.0072
10	77.6	0.4663	0.0024	-0.0073
11	78.6	0.4117	0.0022	-0.0074
12	79.6	0.3787	0.0020	-0.0074
13	80.6	0.3626	0.0018	-0.0075
14	81.6	0.3596	0.0016	-0.0075
15	82.6	0.3668	0.0013	-0.0075
16	83.6	0.3817	0.0011	-0.0075
17	84.6	0.4027	0.0008	-0.0076
18	85.6	0.4284	0.0006	-0.0077
19	86.6	0.4575	0.0003	-0.0079
20	87.6	0.4894	0.0001	-0.0082
22	89.6	0.5589	-0.0005	-0.0090
24	91.6	0.6333	-0.0011	-0.0102
26	93.6	0.7103	-0.0017	-0.0119
28	95.6	0.7886	-0.0023	-0.0140
30	97.6	0.8674	-0.0029	-0.0168
32	99.6	0.9463	-0.0035	-0.0201
34	101.6	1.0249	-0.0041	-0.0242
36	103.6	1.1030	-0.0047	-0.0291
38	105.6	1.1806	-0.0052	-0.0349
40	107.6	1.2575	-0.0057	-0.0416
42	109.6	1.3335	-0.0060	-0.0494
44	111.6	1.4086	-0.0063	-0.0583
46	113.6	1.4824	-0.0064	-0.0686
48	115.6	1.5545	-0.0063	-0.0802
50	117.6	1.6245	-0.0060	-0.0933
52	119.6	1.6916	-0.0055	-0.1080
54	121.6	1.7549	-0.0047	-0.1244
56	123.6	1.8133	-0.0034	-0.1426
58	125.6	1.8651	-0.0018	-0.1627
60	127.6	1.9083	0.0004	-0.1847



Xe $5p_{1/2}$ shell E_b = 13.4 (eV)

E (eV)	ω (eV)	β	δ	γ
2	15.4	1.2541	0.0020	0.0000
3	16.4	1.4123	0.0021	0.0047
4	17.4	1.5265	0.0022	0.0103
5	18.4	1.6127	0.0023	0.0169
6	19.4	1.6796	0.0023	0.0249
7	20.4	1.7321	0.0024	0.0342
8	21.4	1.7735	0.0024	0.0448
9	22.4	1.8062	0.0025	0.0563
10	23.4	1.8316	0.0025	0.0680
11	24.4	1.8509	0.0024	0.0786
12	25.4	1.8649	0.0023	0.0862
13	26.4	1.8743	0.0021	0.0886
14	27.4	1.8795	0.0018	0.0843
15	28.4	1.8810	0.0014	0.0736
16	29.4	1.8792	0.0008	0.0588
17	30.4	1.8742	0.0000	0.0434
18	31.4	1.8663	-0.0008	0.0306
19	32.4	1.8557	-0.0018	0.0224
20	33.4	1.8426	-0.0027	0.0191
22	35.4	1.8093	-0.0048	0.0250
24	37.4	1.7675	-0.0068	0.0426
26	39.4	1.7181	-0.0090	0.0666
28	41.4	1.6618	-0.0111	0.0941
30	43.4	1.5994	-0.0133	0.1228
32	45.4	1.5316	-0.0155	0.1515
34	47.4	1.4590	-0.0175	0.1792
36	49.4	1.3824	-0.0195	0.2051
38	51.4	1.3025	-0.0212	0.2288
40	53.4	1.2200	-0.0228	0.2497
42	55.4	1.1358	-0.0242	0.2676
44	57.4	1.0505	-0.0253	0.2821
46	59.4	0.9650	-0.0261	0.2932
48	61.4	0.8799	-0.0267	0.3007
50	63.4	0.7960	-0.0269	0.3048
52	65.4	0.7139	-0.0269	0.3056
54	67.4	0.6344	-0.0266	0.3032
56	69.4	0.5579	-0.0260	0.2978
58	71.4	0.4850	-0.0252	0.2898
60	73.4	0.4160	-0.0241	0.2793

Xe $5p_{3/2}$ shell E_b = 12.1 (eV)

E (eV)	ω (eV)	β	δ	γ
2	14.1	1.2445	0.0024	-0.0007
3	15.1	1.4129	0.0025	0.0042
4	16.1	1.5371	0.0026	0.0102
5	17.1	1.6328	0.0027	0.0173
6	18.1	1.7083	0.0027	0.0259
7	19.1	1.7684	0.0027	0.0359
8	20.1	1.8164	0.0026	0.0471
9	21.1	1.8544	0.0024	0.0592
10	22.1	1.8838	0.0022	0.0712
11	23.1	1.9058	0.0019	0.0817
12	24.1	1.9212	0.0016	0.0887
13	25.1	1.9306	0.0013	0.0898
14	26.1	1.9345	0.0009	0.0837
15	27.1	1.9333	0.0006	0.0709
16	28.1	1.9273	0.0001	0.0542
17	29.1	1.9168	-0.0004	0.0375
18	30.1	1.9021	-0.0010	0.0244
19	31.1	1.8834	-0.0018	0.0167
20	32.1	1.8608	-0.0027	0.0148
22	34.1	1.8050	-0.0049	0.0254
24	36.1	1.7363	-0.0075	0.0489
26	38.1	1.6561	-0.0103	0.0791
28	40.1	1.5660	-0.0133	0.1120
30	42.1	1.4676	-0.0163	0.1451
32	44.1	1.3627	-0.0193	0.1768
34	46.1	1.2528	-0.0221	0.2058
36	48.1	1.1398	-0.0247	0.2312
38	50.1	1.0255	-0.0270	0.2524
40	52.1	0.9115	-0.0289	0.2691
42	54.1	0.7994	-0.0304	0.2811
44	56.1	0.6907	-0.0315	0.2883
46	58.1	0.5865	-0.0322	0.2909
48	60.1	0.4881	-0.0324	0.2892
50	62.1	0.3962	-0.0321	0.2836
52	64.1	0.3114	-0.0315	0.2746
54	66.1	0.2342	-0.0305	0.2626
56	68.1	0.1647	-0.0292	0.2482
58	70.1	0.1031	-0.0276	0.2319
60	72.1	0.0492	-0.0258	0.2142