

Low-energy photoionization of the 5p subshell of Iodine-
 5p_{3/2} threshold: 3.09 eV 5p_{1/2} threshold: 4.21 eV

ω (eV)	ω (au)	$\sigma_{1/2}$ (L)	$\sigma_{1/2}$ (V)	$\beta_{1/2}$ (L)	$\beta_{1/2}$ (V)	$\sigma_{3/2}$ (L)	$\sigma_{3/2}$ (V)	$\beta_{3/2}$ (L)	$\beta_{3/2}$ (V)	σ_{5p} (L)	σ_{5p} (V)
3.54	0.13					14.58	11.52	-0.66	-0.73	14.58	11.52
3.81	0.14					15.44	12.55	-0.87	-0.90	15.44	12.55
4.08	0.15					16.66	14.13	-0.84	-0.78	16.66	14.13
4.49	0.17	7.02	5.63	-0.29	-0.33	20.12	17.74	-0.38	-0.29	27.14	23.37
4.63	0.17	7.16	5.74	-0.45	-0.50	21.14	18.80	-0.32	-0.22	28.30	24.54
4.90	0.18	7.11	5.74	-0.71	-0.78	23.12	20.89	-0.19	-0.07	30.23	26.63
5.17	0.19	7.11	5.83	-0.87	-0.93	25.04	22.92	-0.05	0.07	32.14	28.75
5.44	0.20	7.30	6.13	-0.93	-0.94	26.82	24.82	0.08	0.20	34.12	30.94
5.71	0.21	7.71	6.64	-0.87	-0.84	28.41	26.51	0.20	0.32	36.12	33.15
5.99	0.22	8.33	7.35	-0.75	-0.67	29.80	27.98	0.31	0.43	38.12	35.34
6.26	0.23	9.13	8.24	-0.58	-0.47	30.97	29.23	0.41	0.52	40.10	37.47
6.53	0.24	10.08	9.27	-0.39	-0.27	31.94	30.27	0.50	0.60	42.02	39.53
6.80	0.25	11.13	10.38	-0.21	-0.08	32.75	31.14	0.58	0.68	43.88	41.52
8.16	0.30	16.66	16.11	0.47	0.57	35.19	33.79	0.90	0.96	51.84	49.90
10.88	0.40	21.72	21.28	1.14	1.15	37.02	35.81	1.30	1.31	58.74	57.08
13.61	0.50	19.53	19.09	1.45	1.42	33.15	32.01	1.55	1.51	52.68	51.10

