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Z	Element	Spectrum*	Page
57	Lanthanum	La I	27
		La II	36
		La III	41
		La IV	43
		La V	45
58	Cerium	Ce I	47
		Ce II	70
		Ce III	83
		Ce IV	91
		Ce V	93
		Ce VI	94
59	Praseodymium	Pr I	95
		Pr II	102
		Pr III	108
		Pr IV	119
		Pr V	123
60	Neodymium	Nd I	124
		Nd II	137
		Nd III	148
		[Nd IV]	149
61	Promethium	Pm I	151
		Pm II	156
		(Pm III)	160
		[Pm IV]	161
62	Samarium	Sm I	162
		Sm II	174
		Sm III	180
		[Sm IV]	182
		Sm XXXV	184
63	Europium	Eu I	185
		Eu II	199
		Eu III	204
		[Eu IV]	208
64	Gadolinium	Gd I	209
		Gd II	225
		Gd III	235
		[Gd IV]	237
		Gd XXXVII	238
65	Terbium	Tb I	239
		Tb II	250
		Tb III	255
		Tb IV	259

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66	Dysprosium	Dy I	261
		Dy II	279
		(Dy III)	292
		[Dy IV]	293
		Dy XXXIX	295
67	Holmium	Ho I	296
		Ho II	305
		Ho III	308
		[Ho IV]	312
68	Erbium	Er I	314
		Er II	332
		Er III	339
		[Er IV]	341
69	Thulium	Tm I	342
		Tm II	358
		Tm III	368
		[Tm IV]	372
70	Ytterbium	Yb I	373
		Yb II	382
		Yb III	391
		Yb IV	394
71	Lutetium	Lu I	398
		Lu II	404
		Lu III	407
		Lu IV	408
		Lu V	410

*Spectral symbols enclosed in brackets indicate data obtained from ions in crystals or solutions. No analyses are available for the spectra in parentheses.