

SISTEMUL PERIODIC AL ELEMENTELOR

NIVELUL ENERGETIC	GRUPE PRINCIPALE		GRUPE PRINCIPALE																			
	PERI-OADA	STRAT	I _a	II _a	GRUPE SECUNDARE										III _a	IV _a	V _a	VI _a	VII _a	VIII _a		
1					1	2																
2			3	4	GRUPE SECUNDARE										5	6	7	8	9	10		
3			11	12	III _b	IV _b	V _b	VI _b	VII _b	VIII _b	I _b	II _b	13	14	15	16	17	18				
4			19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
5			37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54		
6			55	56	57	58-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
7			87	88	89	90-103	104	105														

LANTANIDE

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
140,12	140,90	144,24	(147)	150,35	151,96	157,25	158,92	162,50	164,93	167,26	168,93	173,04	174,97

ACTINIDE

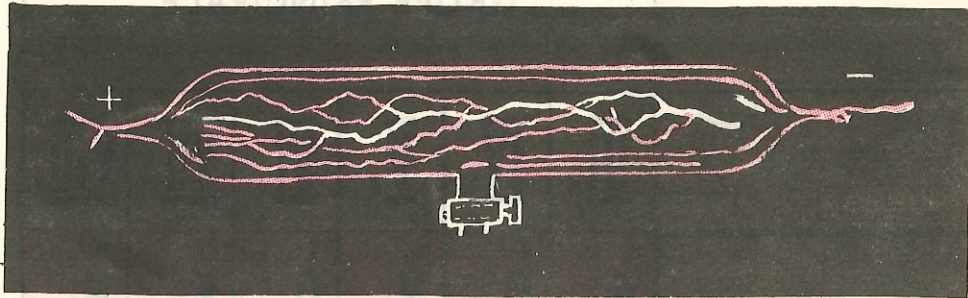
90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
232,03	(231)	238,02	(237)	(242)	(243)	(247)	(247)	(251)	(254)	(253)	(256)	(254)	(257)

LEGENDA

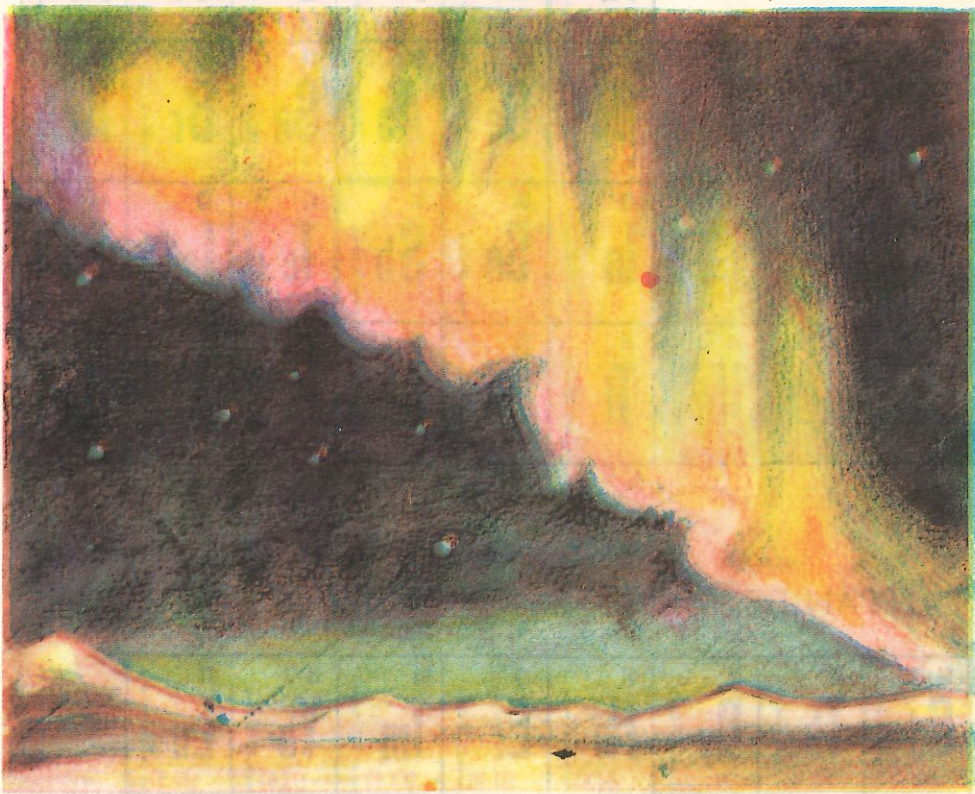
NUMĂR ATOMIC	8
SIMBOL	O
MASA ATOMICĂ	15,99

ARANJAREA ELECTRONILOR PE STRATURI

PLANȘA II



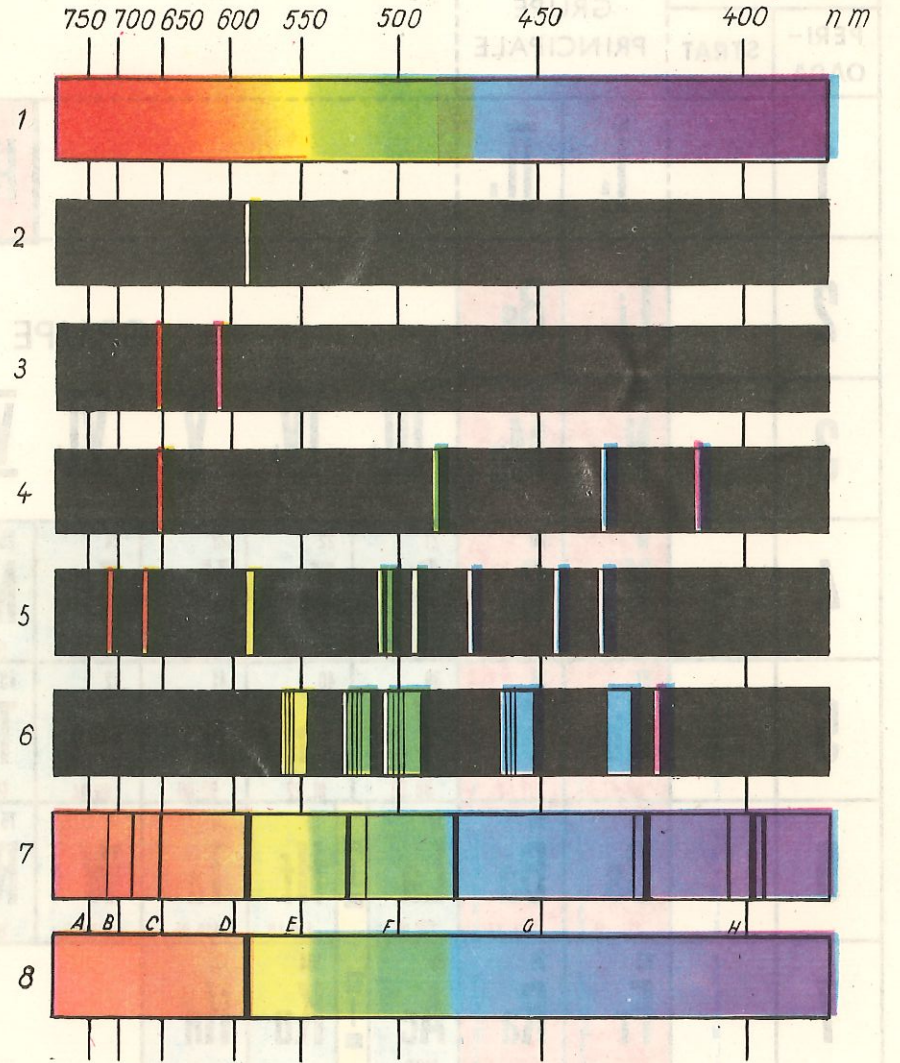
a



b

ACTINIDE

PLANȘA I



LEGENDA



NUMĂR ATOMIC
SIMBOL
MAZA ATOMICĂ

La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
(139)	(140)	(141)	(142)	(143)	(144)	(145)	(147)	(148)	(149)	(150)	(151)	(152)	(153)	(157)