

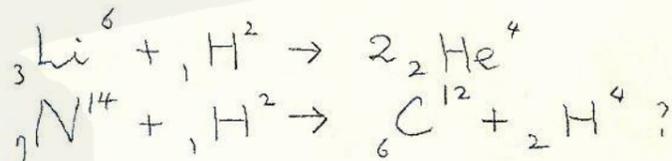
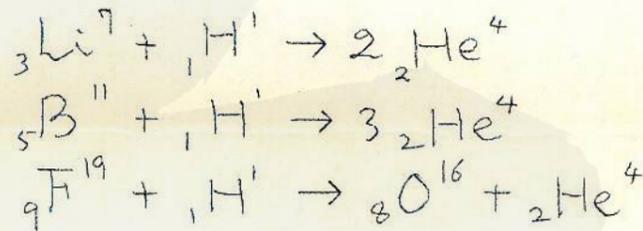
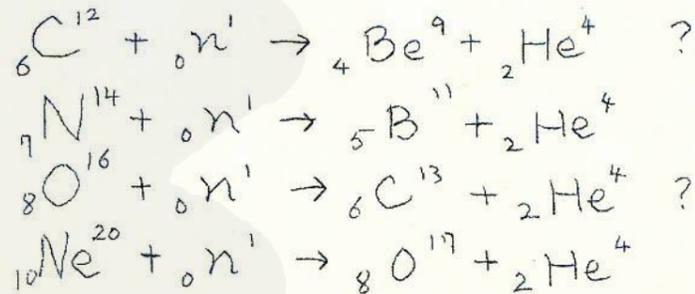
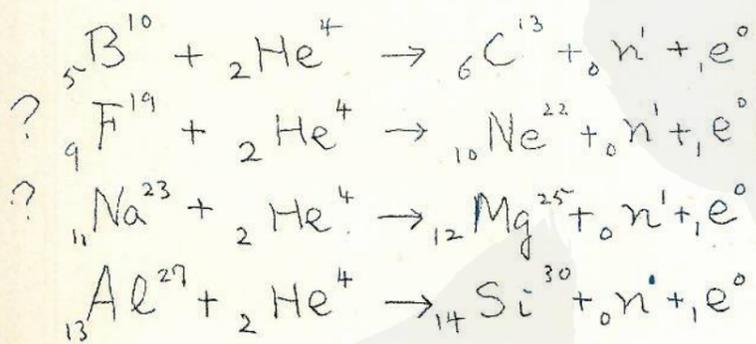
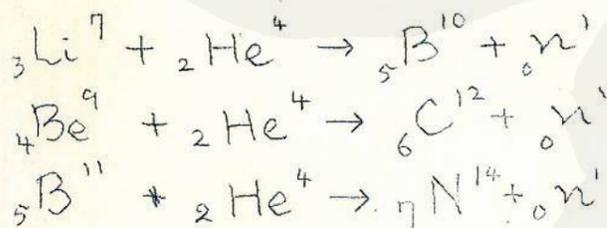
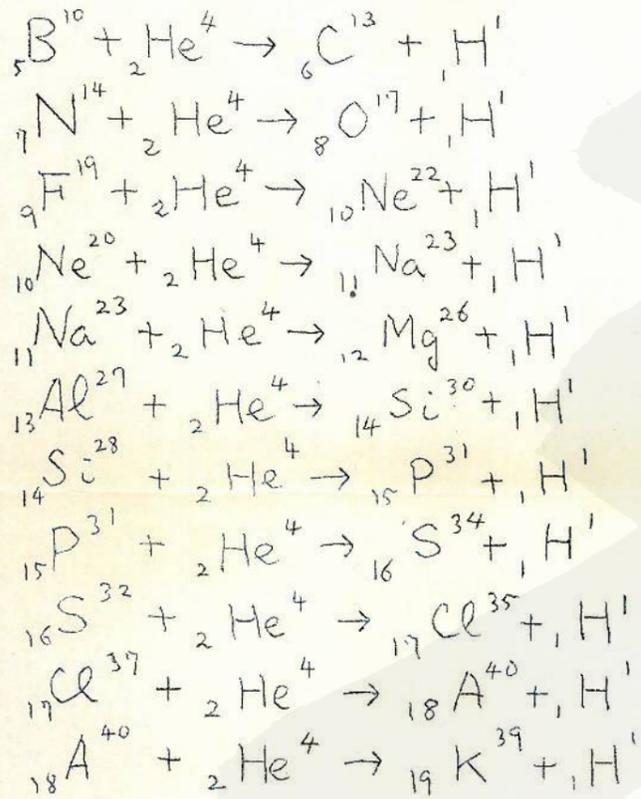
第二表

原子量ノ精密ニ測定セラレタルモノヲアツ
 但シ Aハ質量分光器, Oハ光學的方法, KZハ核破壊ノ実験ニヨリ決定セラレタ
 コトヲ示ス.

同位元素	原子量 (O ¹⁶ =16)	誤差×10 ⁴	測定方法	同位元素	原子量 (O ¹⁶ =16)	誤差×10 ⁴	測定方法
H ¹	1,00778	1	A	Se ⁷⁸	77,937	2	
H ²	2,01351	1	O	Se ⁸⁰	79,941	1	A
He ⁴	4,00216	0,5	A	Br ⁷⁹	78,929	0,5	"
Li ⁶	6,0145	0,5	A	Br ⁸¹	80,926	0,5	"
Li ⁷	{ 7,0146	0,1	A	Kr ⁷⁸	77,926	1	"
	{ 7,013	1	KZ	Kr ⁸⁰	79,926	1	"
Be ⁹	9,0155	6	A	Kr ⁸²	81,927	0,5	"
B ¹⁰	10,0135	0,5	A	Kr ⁸³	82,927	0,5	"
B ¹¹	11,0110	0,5	A	Kr ⁸⁴	83,928	0,5	"
C ¹²	12,0036	0,3	A	Kr ⁸⁶	85,929	0,5	"
C ¹³	{ 13,0039	5	O	Nb ⁹³	92,926	5	"
	{ 13,0045	2	KZ	Mo ⁹⁸	97,945	5	"
N ¹⁴	14,008	1	A	Mo ¹⁰⁰	99,945	5	"
N ¹⁵	15,007	?	O	Sn ¹²⁰	119,912	1	"
O ¹⁶	16,000	—	A	Te ¹²⁶	125,937	2	"
O ¹⁷	17,0029	0,2	O	Te ¹²⁸	127,936	2	"
O ¹⁸	18,0065	0,2	O	I ¹²⁷	126,932	1	"
F ¹⁹	19,0000	0,3	A	Xe ¹³⁴	133,929	1	"
Ne ²⁰	19,9967	0,5	A	Cs ¹³³	132,933	2	"
Ne ²²	21,9947	0,5	A	Ba ¹³⁸	137,916	2	"
Si ²⁸	27,9818	1	A	Ta ¹⁸¹	180,927	3	"
P ³¹	30,9825	0,5	A	W ¹⁸⁴	184,00	5	"
Cl ³⁵	34,983	0,5	A	Re ¹⁸⁷	186,981	2	"
Cl ³⁷	36,980	0,5	A	Os ¹⁹⁰	189,981	3	"
A ³⁶	35,976	0,5	A	Os ¹⁹²	191,981	3	"
A ⁴⁰	39,971	0,3	A	Hg ²⁰⁰	200,016	1	"
Cr ⁵²	51,948	3	A	Tl ²⁰³	203,036	2	"
Ni ⁵⁸	57,942	2	A	Tl ²⁰⁵	205,037	2	"
Zn ⁶⁴	63,937	3	A	Pb ²⁰⁸	208,010	3	"
As ⁷⁵	74,934	0,5	A				

第三表

核変換 = 際シテ起ル反應中主ナルモノヲアゲル、
 但シ元素記號ノ下ノ数字ハ原子番號、右ノ数字ハ質量數ヲ
 アラハス、 ${}_0n^1$ ハ中性子、 e^0 ハ陽電子ノ記號ナリ。



第一表

同位元素間，傾小量，多少ニヨル。*ヲ附ケテ，ハ放射性同位元素ヲアル。()ハ不確ナモノ。

元素	原子番号	同位元素	元素	原子番号	同位元素
H	1	1, 2	Pd	46	(106), (108)
He	2	4	Ag	47	107, 109
Li	3	7, 6	Cd	48	114, 112, 110, 113, 111, 116
Be	4	9, 8	In	49	115
B	5	11, 10	Sn	50	120, 118, 116, 119, 117, 124, 122, 121, 112, 114, 115
C	6	12, 13	Sb	51	121, 123
N	7	14, 15	Te	52	130, 128, 126, 125, 124, 122, 123, (127)
O	8	16, 18, 17	J	53	127
F	9	19	Xe	54	129, 132, 131, 134, 136, 130, 128, 124, 126
Ne	10	20, 22, 21	Cs	55	133
Na	11	23	Ba	56	138, 135, 136, 137
Mg	12	24, 25, 26	La	57	139
Al	13	27	Ce	58	140, 142
Si	14	28, 29, 30	Pr	59	141
P	15	31	Nd	60	146, 144, 142, (145)
S	16	32, 34, 33	Hf	72	(176), (178), (180), (182)
Cl	17	35, 37, 39	Ta	73	(181)
Ar	18	40, 36	W	74	184, 186, 182, 183
K	19	39, 41*	Re	75	187, 185
Ca	20	40, 44	Os	76	192, 190, 189, 188, 186, 187
Sc	21	45	Ir	77	(193)
Ti	22	48, (50)	Pt	78	(192), (194), (196)
V	23	51	Au	79	(197), (199)
Cr	24	52, 53, 54, 54	Hg	80	202, 200, 199, 201, 198, 204, 196, (197), (203)
Mn	25	55	Tl	81	205, 203, 207*, 208*, 210*
Fe	26	56, 54	Pb	82	208, 206, 207, 204, (203), (205), (209), 210*, 211*, 212*, 214*
Co	27	59	Bi	83	209, 210*, 211*, 212*, 214*
Ni	28	58, 60	Po	84	210*, 211*, 212*, 214*, 215*, 216*, 218*
Cu	29	63, 65	—	85	—
Zn	30	64, 66, 68, 67, 70, 65, 69	Em	86	222*, 219*, 220*
Ga	31	69, 71	—	87	—
Ge	32	74, 72, 70, 73, 76, 75, 71, 77	Ra	88	226*, 223*, 224*, 228*
As	33	75	Ac	89	227*, 228*
Se	34	80, 78, 76, 82, 77, 74	Th	90	232*, 227*, 228*, 230*, 234*
Br	35	79, 81	Pa	91	231*, 234*
Kr	36	84, 86, 82, 83, 80, 78	U	92	238*, 234*
Rb	37	85, 87*			
Sr	38	88, 86, 87			
Y	39	89			
Zr	40	90, 94, 92 (96)			
Nb	41	(93), (95)			
Mo	42	98, 96, 95, 94, 100, 97			
—	43	—			
Ru	44	102, 101, 104, 100, 99, 96, (98)			
Rh	45	(103)			

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