

Reactions used in Nuclear experiments.

	Mass	Element	Target	Beam
A=ALPHA	1	H	1NN	B-
D=DEUTERON	3	H	1H	6HE
E=THERMAL	3	H	2H	N
G=GAMMA	3	H	2H	N
N=NEUTRONS	3	H	3H	G
P=PROTONS	3	H	3H	E
T=TRITIUM	3	HE	1H	6LI
PI=PIONS	3	HE	2H	P
	3	HE	2H	P
	3	HE	3H	B-
	3	HE	3HE	G
	3	HE	3HE	E
	4	H	4HE	PI-
	4	H	4HE	N
	4	HE	2H	D
	4	HE	2H	D
	4	HE	2H	D
	4	HE	3H	P
	4	HE	3HE	N
	4	HE	4HE	G
	4	HE	4HE	E
	4	HE	4HE	N
	4	HE	4HE	3HE
	4	HE	4HE	A
	4	HE	4HE	N
	4	HE	4HE	P
	4	LI	3HE	P
	4	NN	2H	8HE
	4	NN	4HE	8HE
	4	NN	C	14BE
	5	H	1H	6HE
	5	H	2H	6HE
	5	H	3H	T
	5	H	6LI	PI-
	5	H	7LI	PI-
	5	H	7LI	6LI
	5	H	9BE	PI-
	5	H	9BE	PI-
	5	H	9BE	A
	5	H	9BE	11B
	5	H	11B	PI-
	5	H	C	6HE
	5	HE	3H	D

5	LI	3HE	D
5	BE	3HE	3HE
5	BE	4HE	3HE
5	BE	6LI	P
5	BE	6LI	3HE
5	H	7LI	7LI
5	H	9BE	PI-
5	H	9BE	11B
5	H	11B	PI-
5	H	12C	8HE
5	HE	4HE	T
5	HE	6LI	PI-
5	HE	6LI	N
5	HE	6LI	T
5	HE	6LI	7LI
5	HE	7LI	N
5	HE	7LI	T
5	HE	7LI	3HE
5	HE	7LI	6LI
5	HE	9BE	N
5	HE	11B	7LI
5	HE	6LI	E
5	HE	7LI	G
5	LI	6HE	B-
5	LI	3HE	3H
5	LI	4HE	D
5	LI	6LI	E
5	LI	6LI	PI+
5	LI	6LI	P
5	LI	6LI	D
5	LI	6LI	3HE
5	LI	6LI	A
5	LI	6LI	6LI
5	LI	6LI	12C
5	LI	7LI	G
5	LI	7LI	P
5	LI	7LI	D
5	LI	7LI	3HE
5	LI	9BE	P
5	LI	9BE	T
5	LI	9BE	3HE
5	LI	10B	D
5	LI	10B	3HE
5	LI	12C	A
5	LI	10B	A
5	LI	6LI	G
5	NN	14C	7LI

5	NN	48CA	12C
5	NN	W	P
5	NN	238U	P
5	NN	238U	A
5	NN	252CF	SF
7	B	7LI	PI+
7	B	9BE	9C
7	B	10B	3HE
7	BE	4HE	3HE
7	BE	6LI	P
7	BE	6LI	D
7	BE	6LI	3HE
7	BE	6LI	A
7	BE	7LI	P
7	BE	7LI	3HE
7	BE	7LI	6LI
7	BE	9BE	P
7	BE	10B	P
7	H	1H	8HE
7	H	2H	8HE
7	H	7LI	PI-
7	H	9BE	PI-
7	H	11B	PI-
7	H	12C	8HE
7	HE	1H	8HE
7	HE	7LI	PI-
7	HE	7LI	N
7	HE	7LI	T
7	HE	7LI	7LI
7	HE	9BE	14C
7	HE	10B	PI-
7	HE	12C	8HE
7	LI	7BE	EC
7	LI	3H	A
7	LI	3H	A
7	LI	4HE	3HE
7	LI	6LI	N
7	LI	6LI	P
7	LI	6LI	D
7	LI	7LI	G
7	LI	7LI	E
7	LI	7LI	PI+
7	LI	7LI	N
7	LI	7LI	P
7	LI	7LI	3HE
7	LI	7LI	A
7	LI	7LI	A

7	LI	7LI	12C
7	LI	9BE	PI-
7	LI	9BE	P
7	LI	9BE	D
7	LI	9BE	D
7	LI	10B	N
7	LI	11B	A
7	LI	14N	N
7	LI	6LI	N
7	LI	7LI	G
7	LI	7BE	N
7	LI	11BE	B-A
8	B	6LI	D
8	B	6LI	3HE
8	B	7LI	P
8	B	7BE	P
8	B	7BE	P
8	B	9BE	7LI
8	B	10B	P
8	B	11B	3HE
8	BE	8LI	B-
8	BE	8B	B+
8	BE	4HE	A
8	BE	4HE	A
8	BE	6LI	D
8	BE	6LI	D
8	BE	6LI	D
8	BE	6LI	T
8	BE	6LI	3HE
8	BE	6LI	A
8	BE	6LI	6LI
8	BE	7LI	P
8	BE	7LI	P
8	BE	7LI	P
8	BE	7LI	P
8	BE	7LI	D
8	BE	7LI	3HE
8	BE	7LI	A
8	BE	7LI	7LI
8	BE	7BE	N
8	BE	9BE	P
8	BE	9BE	D
8	BE	9BE	3HE
8	BE	10BE	P
8	BE	10B	P
8	BE	10B	D
8	BE	11B	3HE

8	BE	12C	D
8	BE	12C	3HE
8	BE	12C	A
8	BE	AG	14N
8	BE	9C	B+P
8	C	9BE	9C
8	C	12C	A
8	C	14N	3HE
8	HE	1H	8HE
8	HE	9BE	PI-
8	HE	9BE	7LI
8	HE	9BE	9BE
8	HE	9BE	13C
8	HE	10BE	12C
8	HE	11B	PI-
8	HE	11B	7LI
8	HE	12C	8HE
8	LI	8HE	B-
8	LI	6LI	T
8	LI	7LI	N
8	LI	7LI	N
8	LI	7LI	N
8	LI	7LI	N
8	LI	7LI	P
8	LI	7LI	D
8	LI	9BE	P
8	LI	9BE	D
8	LI	9BE	T
8	LI	9BE	7LI
8	LI	10BE	P
8	LI	11B	N
8	LI	11B	7LI
8	LI	12C	8LI
8	LI	AG	14N
9	B	9C	B+
9	B	6LI	3HE
9	B	6LI	3HE
9	B	6LI	A
9	B	6LI	6LI
9	B	7LI	3HE
9	B	7BE	D
9	B	9BE	P
9	B	9BE	3HE
9	B	9BE	6LI
9	B	10B	P
9	B	10B	D
9	B	10B	3HE

9	B	11B	P
9	B	12C	P
9	B	12C	T
9	BE	9LI	B-
9	BE	6LI	T
9	BE	7LI	D
9	BE	7LI	D
9	BE	7LI	3HE
9	BE	7LI	3HE
9	BE	7LI	A
9	BE	7LI	6LI
9	BE	9BE	G
9	BE	9BE	G
9	BE	9BE	G
9	BE	9BE	E
9	BE	9BE	PI+
9	BE	9BE	N
9	BE	9BE	P
9	BE	9BE	D
9	BE	9BE	3HE
9	BE	9BE	A
9	BE	9BE	6LI
9	BE	10BE	D
9	BE	10B	E
9	BE	10B	D
9	BE	10B	T
9	BE	11B	P
9	BE	11B	D
9	BE	12C	N
9	BE	13C	3HE
9	C	1H	8B
9	C	1H	9C
9	C	1H	10C
9	C	2H	8B
9	C	6LI	3HE
9	C	7BE	3HE
9	C	9BE	PI+
9	C	9BE	9C
9	C	9BE	10C
9	C	9BE	13O
9	C	10B	P
9	C	10B	7LI
9	C	10B	14N
9	C	12C	MU-
9	C	12C	P
9	C	12C	3HE
9	C	12C	9C

9	C	12C	12C
9	C	12C	14N
9	C	93NB	20NE
9	HE	9BE	11BE
9	HE	9BE	PI-
9	HE	9BE	14C
9	HE	9BE	14C
9	LI	1H	8HE
9	LI	7LI	T
9	LI	9BE	PI-
9	LI	9BE	N
9	LI	9BE	T
9	LI	11B	6LI
9	LI	107AG	14N
10	B	10BE	B-
10	B	10C	B+
10	B	6LI	A
10	B	6LI	A
10	B	6LI	A
10	B	6LI	6LI
10	B	7LI	3HE
10	B	7LI	3HE
10	B	7LI	A
10	B	7LI	12C
10	B	9BE	P
10	B	9BE	P
10	B	9BE	P
10	B	9BE	P
10	B	9BE	D
10	B	9BE	3HE
10	B	9BE	A
10	B	9BE	7LI
10	B	9BE	12C
10	B	10B	G
10	B	10B	E
10	B	10B	P
10	B	10B	D
10	B	10B	3HE
10	B	11B	G
10	B	11B	P
10	B	11B	3HE
10	B	11B	7LI
10	B	12C	PI+
10	B	12C	P
10	B	12C	D
10	B	12C	A
10	B	12C	14N

10	B	13C	P
10	B	14N	D
10	B	AG	14N
10	BE	6LI	6HE
10	BE	7LI	T
10	BE	7LI	3HE
10	BE	7LI	A
10	BE	7LI	7LI
10	BE	9BE	N
10	BE	9BE	N
10	BE	9BE	N
10	BE	9BE	P
10	BE	9BE	D
10	BE	9BE	A
10	BE	9BE	7LI
10	BE	9BE	9BE
10	BE	9BE	11BE
10	BE	9BE	14N
10	BE	10BE	P
10	BE	10B	G
10	BE	10B	MU-
10	BE	10B	PI-
10	BE	10B	N
10	BE	10B	T
10	BE	10B	7LI
10	BE	11LI	B-N
10	BE	11BE	P
10	BE	11B	D
10	BE	11B	7LI
10	BE	12C	6HE
10	BE	12C	6LI
10	BE	12C	9BE
10	BE	12C	10BE
10	BE	12C	11B
10	BE	12C	12BE
10	BE	12C	12C
10	BE	12C	15N
10	BE	13C	T
10	BE	14C	18O
10	BE	11B	T
10	BE	9BE	N
10	C	1H	10C
10	C	7LI	3HE
10	C	9BE	P
10	C	10B	P
10	C	10B	3HE
10	C	12C	P

10	C	13C	3HE
10	HE	1H	11LI
10	HE	2H	11LI
10	HE	10BE	14C
10	LI	1H	11LI
10	LI	2H	9LI
10	LI	9BE	9BE
10	LI	9BE	11BE
10	LI	9BE	13C
10	LI	9BE	15N
10	LI	9BE	18O
10	LI	11B	PI-
10	LI	11B	7LI
10	LI	C	11LI
10	LI	C	18O
10	LI	14C	PI-
10	N	1H	9C
10	N	10B	14N
11	B	11BE	B-
11	B	11C	B+
11	B	4HE	7LI
11	B	6LI	6LI
11	B	7LI	A
11	B	7LI	A
11	B	7LI	A
11	B	7LI	6LI
11	B	7LI	7LI
11	B	7LI	7LI
11	B	7LI	9BE
11	B	9BE	D
11	B	9BE	D
11	B	9BE	T
11	B	9BE	3HE
11	B	9BE	A
11	B	9BE	6LI
11	B	9BE	11B
11	B	10BE	P
11	B	10BE	P
11	B	10B	N
11	B	10B	N
11	B	10B	N
11	B	10B	N
11	B	10B	P
11	B	10B	D
11	B	10B	T
11	B	10B	7LI
11	B	10B	9BE

11	B	10B	13C
11	B	11B	G
11	B	11B	G
11	B	11B	E
11	B	11B	PI+
11	B	11B	N
11	B	11B	P
11	B	11B	D
11	B	11B	3HE
11	B	11B	A
11	B	11B	6LI
11	B	11B	12C
11	B	12C	G
11	B	12C	E
11	B	12C	PI+
11	B	12C	N
11	B	12C	P
11	B	12C	P
11	B	12C	D
11	B	12C	T
11	B	12C	A
11	B	12C	6LI
11	B	12C	10BE
11	B	12C	11B
11	B	13C	P
11	B	13C	D
11	B	13C	11B
11	B	14C	P
11	B	14C	11B
11	B	14N	N
11	B	15N	A
11	B	16O	D
11	BE	11LI	B-
11	BE	1H	11LI
11	BE	1H	11BE
11	BE	9BE	T
11	BE	9BE	6HE
11	BE	9BE	12BE
11	BE	9BE	13C
11	BE	9BE	14N
11	BE	9BE	15N
11	BE	9BE	16O
11	BE	10BE	N
11	BE	10BE	D
11	BE	11B	E
11	BE	11B	MU-
11	BE	11B	PI-

11	BE	11B	N
11	BE	11B	D
11	BE	11B	T
11	BE	11B	7LI
11	BE	12C	7LI
11	BE	C	12BE
11	BE	13C	6LI
11	BE	197AU	11BE
11	BE	208PB	11BE
11	C	1H	11C
11	C	6LI	6LI
11	C	6LI	10B
11	C	7BE	A
11	C	9BE	3HE
11	C	10B	P
11	C	10B	P
11	C	10B	D
11	C	10B	3HE
11	C	10B	7LI
11	C	11B	P
11	C	11B	3HE
11	C	12C	PI+
11	C	12C	P
11	C	12C	D
11	C	12C	3HE
11	C	12C	3HE
11	C	13C	PI+
11	C	13C	P
11	C	14N	P
11	C	16O	D
11	C	16O	9BE
11	C	10B	P
11	LI	1H	11LI
11	LI	1H	11LI
11	LI	10BE	14C
11	LI	11B	PI-
11	LI	12C	11LI
11	LI	14C	PI-
11	LI	14C	11B
11	LI	14C	14C
11	LI	208PB	11LI
11	N	1H	10C
11	N	9BE	12N
11	N	10B	14N
11	N	12C	14N
11	N	14N	3HE
11	O	9BE	13O

12	B	12BE	B-
12	B	2H	14C
12	B	4HE	8LI
12	B	6LI	7LI
12	B	7LI	7LI
12	B	7LI	9BE
12	B	9BE	T
12	B	9BE	A
12	B	9BE	6LI
12	B	9BE	7LI
12	B	10B	T
12	B	11B	N
12	B	11B	N
12	B	11B	N
12	B	11B	N
12	B	11B	P
12	B	11B	D
12	B	11B	7LI
12	B	12C	G
12	B	12C	MU-
12	B	12C	N
12	B	12C	D
12	B	12C	T
12	B	12C	7LI
12	B	12C	12BE
12	B	12C	12C
12	B	12C	13C
12	B	13C	D
12	B	14C	P
12	BE	1H	12BE
12	BE	2H	11BE
12	BE	4HE	8HE
12	BE	4HE	12BE
12	BE	7LI	12B
12	BE	9BE	12C
12	BE	9BE	13B
12	BE	9BE	15N
12	BE	9BE	18O
12	BE	10BE	T
12	BE	10BE	14N
12	BE	12C	PI-
12	BE	12C	12BE
12	BE	12C	14BE
12	BE	12C	14C
12	BE	14C	14C
12	BE	TA	P
12	BE	TA	12BE

12	BE	197AU	12BE
12	BE	208PB	12BE
12	BE	238U	P
12	C	12B	B-
12	C	12N	B+
12	C	6LI	6LI
12	C	6LI	9BE
12	C	9BE	3HE
12	C	9BE	3HE
12	C	9BE	A
12	C	9BE	6LI
12	C	9BE	9BE
12	C	9BE	10C
12	C	10BE	3HE
12	C	10B	D
12	C	10B	3HE
12	C	10B	3HE
12	C	10B	6LI
12	C	11B	P
12	C	11B	P
12	C	11B	P
12	C	11B	P
12	C	11B	D
12	C	11B	3HE
12	C	11B	3HE
12	C	11B	A
12	C	11B	7LI
12	C	12C	G
12	C	12C	G
12	C	12C	E
12	C	12C	E
12	C	12C	PI
12	C	12C	N
12	C	12C	P
12	C	12C	P
12	C	12C	P
12	C	12C	P
12	C	12C	D
12	C	12C	3HE
12	C	12C	A
12	C	12C	6LI
12	C	12C	11B
12	C	12C	12C
12	C	12C	12C
12	C	12C	14N
12	C	12C	16O
12	C	12C	40CA

12	C	13B	B-N
12	C	13C	G
12	C	13C	PI+
12	C	13C	P
12	C	13C	D
12	C	13C	3HE
12	C	13C	6LI
12	C	13O	ECP
12	C	14C	P
12	C	14N	P
12	C	14N	D
12	C	15N	P
12	C	16N	B-A
12	C	16O	P
12	C	16O	D
12	C	16O	3HE
12	C	16O	A
12	LI	1H	14BE
12	LI	9BE	14BE
12	LI	9BE	14B
12	LI	14C	PI-
12	N	1H	11C
12	N	2H	11C
12	N	9BE	12N
12	N	9BE	13O
12	N	10B	3HE
12	N	12C	P
12	N	12C	3HE
12	N	12C	6LI
12	N	12C	12C
12	N	12C	13C
12	N	14N	P
12	N	208PB	12N
12	O	1H	14O
12	O	9BE	13O
12	O	12C	PI+
12	O	16O	A
13	B	7LI	7LI
13	B	11B	T
13	B	13C	G
13	B	13C	PI-
13	B	13C	D
13	B	13C	7LI
13	C	13B	B-
13	C	13N	B+
13	C	6LI	7LI
13	C	6LI	7LI

13	C	9BE	A
13	C	9BE	A
13	C	9BE	6LI
13	C	9BE	7LI
13	C	9BE	9BE
13	C	10B	A
13	C	10B	6LI
13	C	10B	7LI
13	C	10B	14N
13	C	11B	D
13	C	11B	D
13	C	11B	D
13	C	11B	3HE
13	C	11B	6LI
13	C	12C	N
13	C	12C	N
13	C	12C	N
13	C	12C	P
13	C	12C	D
13	C	12C	T
13	C	12C	3HE
13	C	12C	A
13	C	12C	7LI
13	C	12C	14N
13	C	13C	G
13	C	13C	G
13	C	13C	E
13	C	13C	PI
13	C	13C	N
13	C	13C	P
13	C	13C	T
13	C	13C	A
13	C	14C	P
13	C	14N	G
13	C	14N	P
13	C	14N	D
13	C	14N	T
13	C	15N	P
13	C	16O	N
13	C	16O	9BE
13	C	12C	N
13	F	9BE	13O
13	N	13O	B+
13	N	10B	3HE
13	N	10B	6LI
13	N	11B	3HE
13	N	12C	P

13	N	12C	P
13	N	12C	3HE
13	N	13C	3HE
13	N	14N	P
13	N	14N	D
13	N	14N	3HE
13	N	15N	P
13	N	16O	P
13	O	13C	PI+
14	B	14C	PI-
14	B	14C	7LI
14	C	14B	B-
14	C	13C	N
14	C	13C	N
14	C	9BE	6LI
14	C	9BE	7LI
14	C	11B	A
14	C	11B	6LI
14	C	12C	T
14	C	12C	A
14	C	13C	N
14	C	13C	P
14	C	13C	D
14	C	13C	T
14	C	13C	7LI
14	C	14C	G
14	C	14C	E
14	C	14C	PI
14	C	14C	P
14	C	14C	D
14	C	14C	A
14	C	14C	14C
14	C	14N	G
14	C	14N	PI-
14	C	14N	N
14	C	14N	D
14	C	14N	T
14	C	15N	G
14	C	15N	D
14	C	16O	6LI
14	F	1H	13O
14	N	14C	B-
14	N	14O	B+
14	N	9BE	7LI
14	N	10B	A
14	N	10B	A
14	N	10B	A

14	N	10B	A
14	N	10B	6LI
14	N	10B	7LI
14	N	11B	3HE
14	N	11B	A
14	N	11B	6LI
14	N	12C	D
14	N	12C	D
14	N	12C	D
14	N	12C	D
14	N	12C	3HE
14	N	12C	A
14	N	12C	6LI
14	N	12C	12C
14	N	12C	13C
14	N	13C	P
14	N	13C	P
14	N	13C	D
14	N	13C	3HE
14	N	13C	A
14	N	13C	7LI
14	N	14C	PI+
14	N	14C	P
14	N	14C	3HE
14	N	14C	6LI
14	N	14N	G
14	N	14N	E
14	N	14N	PI
14	N	14N	N
14	N	14N	P
14	N	14N	D
14	N	14N	3HE
14	N	14N	A
14	N	15N	G
14	N	15N	P
14	N	15N	D
14	N	15N	3HE
14	N	15N	13C
14	N	16O	PI+
14	N	16O	P
14	N	16O	D
14	O	12C	3HE
14	O	12C	12C
14	O	13C	P
14	O	13N	P
14	O	14N	P
14	O	14N	3HE

14	O	16O	P
15	BE	2H	14BE
15	BE	9BE	17C
15	C	9BE	7LI
15	C	13C	T
15	C	13C	A
15	C	14C	D
15	C	14C	13C
15	C	15N	PI-
15	C	16O	7LI
15	F	1H	14O
15	F	1H	14O
15	F	1H	14O
15	F	1H	14O
15	F	9BE	16NE
15	F	16O	14N
15	F	20NE	3HE
15	F	20NE	3HE
15	N	15C	B-
15	N	15O	B+
15	N	10B	6LI
15	N	10B	7LI
15	N	11B	A
15	N	11B	A
15	N	11B	6LI
15	N	11B	7LI
15	N	11B	9BE
15	N	11B	16O
15	N	12C	T
15	N	12C	A
15	N	12C	6LI
15	N	12C	7LI
15	N	12C	10B
15	N	13C	D
15	N	13C	3HE
15	N	13C	A
15	N	13C	6LI
15	N	13C	11B
15	N	13C	17O
15	N	14C	P
15	N	14C	3HE
15	N	14N	N
15	N	14N	N
15	N	14N	P
15	N	14N	D
15	N	15N	G
15	N	15N	PI+

15	N	15N	3HE
15	N	15N	A
15	N	16O	G
15	N	16O	PI+
15	N	16O	D
15	N	16O	A
15	N	18O	P
15	N	19F	D
15	NE	12C	17NE
15	O	12C	3HE
15	O	12C	A
15	O	12C	6LI
15	O	12C	12C
15	O	13C	3HE
15	O	14C	P
15	O	14N	P
15	O	14N	P
15	O	14N	P
15	O	14N	P
15	O	14N	P
15	O	14N	D
15	O	14N	3HE
15	O	15N	P
15	O	15N	3HE
15	O	16O	G
15	O	16O	P
15	O	16O	P
15	O	16O	D
15	O	16O	3HE
15	O	17O	P
16	B	9BE	17C
16	B	C	17B
16	B	C	17C
16	B	14C	14C
16	BE	9BE	17B
16	BE	9BE	40AR
16	C	14C	T
16	F	14N	3HE
16	F	14N	3HE
16	F	15N	P
16	F	16O	P
16	F	16O	3HE
16	F	19F	3HE
16	N	16C	B-
16	N	10B	7LI
16	N	13C	A
16	N	14C	3HE

16	N	14C	A
16	N	14N	T
16	N	15N	N
16	N	15N	D
16	N	16O	T
16	N	16O	7LI
16	N	17O	D
16	N	18O	D
16	NE	9BE	17NE
16	NE	12C	17NE
16	NE	16O	PI+
16	NE	20NE	A
16	O	12C	A
16	O	13C	3HE
16	O	13C	6LI
16	O	14N	D
16	O	14N	3HE
16	O	15N	P
16	O	15N	P
16	O	15N	D
16	O	15N	3HE
16	O	16N	B-
16	O	16O	E
16	O	16O	P
16	O	16O	D
16	O	16O	3HE
16	O	16O	A
16	O	17O	D
16	O	17O	3HE
17	C	1H	17C
17	C	1H	17C
17	C	1H	18C
17	C	1H	19C
17	C	9BE	17C
17	C	9BE	18C
17	C	9BE	18C
17	C	9BE	40AR
17	C	C	36S
17	C	14C	12C
17	C	17B	B-
17	C	48CA	18O
17	C	93NB	22NE
17	C	208PB	17C
17	C	208PB	18C
17	C	208PB	18O
17	C	U	P
17	C	232TH	18O

17	C	232TH	22NE
17	F	17F	B+
17	F	14N	3HE
17	F	14N	6LI
17	F	15N	3HE
17	F	16O	P
17	F	16O	P
17	F	16O	D
17	F	16O	3HE
17	F	17O	P
17	F	17NE	B+
17	N	17N	B-
17	N	11B	7LI
17	N	14C	6LI
17	N	15N	T
17	N	18O	D
17	N	18O	T
17	N	17C	B-
17	NE	1H	17NE
17	NE	1H	17NE
17	NE	1H	18NE
17	NE	9BE	12C
17	NE	9BE	17NE
17	NE	9BE	17NE
17	NE	9BE	12C
17	NE	9BE	18NE
17	NE	9BE	20NE
17	NE	16O	3HE
17	NE	16O	14N
17	NE	18NA	P
17	NE	19F	P
17	NE	19MG	2P
17	NE	20NE	3HE
17	NE	MGO	P
17	NE	MG	P
17	NE	SI	17NE
17	NE	NI	20NE
17	NE	AU	17NE
17	NE	PB	17NE
17	O	17N	B-
17	O	17F	B+
17	O	18N	B-N
17	O	2H	16O
17	O	6LI	13C
17	O	6LI	18O
17	O	7LI	18O
17	O	9BE	13C

17	O	9BE	16O
17	O	12C	6LI
17	O	12C	7LI
17	O	12C	9BE
17	O	13C	A
17	O	13C	A
17	O	13C	A
17	O	13C	6LI
17	O	13C	7LI
17	O	13C	9BE
17	O	13C	11B
17	O	13C	13C
17	O	13C	17O
17	O	14C	3HE
17	O	14C	A
17	O	14C	6LI
17	O	14N	T
17	O	14N	A
17	O	14N	6LI
17	O	15N	D
17	O	15N	D
17	O	15N	3HE
17	O	15N	A
17	O	15N	11B
17	O	16O	N
17	O	16O	N
17	O	16O	N
17	O	16O	N
17	O	16O	N
17	O	16O	P
17	O	16O	D
17	O	16O	A
17	O	16O	7LI
17	O	16O	13C
17	O	16O	14N
17	O	16O	18O
17	O	17O	G
17	O	17O	G
17	O	17O	E
17	O	17O	PI+
17	O	17O	P
17	O	17O	3HE
17	O	17O	16O
17	O	18O	G
17	O	18O	P
17	O	18O	D
17	O	18O	3HE

17	O	19F	N
17	O	19F	P
17	O	20NE	N
17	O	181TA	18O
17	O	208PB	17O
18	B	9BE	19C
18	C	1H	19C
18	C	9BE	18C
18	C	9BE	19N
18	C	9BE	40AR
18	C	9BE	48CA
18	C	18O	PI-
18	C	C	36S
18	C	19B	B-N
18	C	48CA	18O
18	C	232TH	18O
18	C	232TH	22NE
18	C	U	P
18	F	18F	B+
18	F	10B	9BE
18	F	12C	9BE
18	F	12C	11B
18	F	14N	A
18	F	14N	A
18	F	14N	A
18	F	14N	6LI
18	F	14N	7LI
18	F	14N	11B
18	F	15N	3HE
18	F	15N	6LI
18	F	15N	11B
18	F	16O	D
18	F	16O	D
18	F	16O	D
18	F	16O	D
18	F	16O	T
18	F	16O	3HE
18	F	16O	A
18	F	16O	6LI
18	F	16O	11B
18	F	17O	P
18	F	17O	P
18	F	17O	P
18	F	17O	3HE
18	F	17O	A
18	F	17O	12C
18	F	18O	P

18	F	18O	3HE
18	F	18O	6LI
18	F	18NE	B+
18	F	19F	G
18	F	19F	P
18	F	19F	D
18	F	19F	3HE
18	F	20NE	P
18	F	20NE	D
18	MG	9BE	20MG
18	N	18C	B-
18	N	19C	B-N
18	N	2H	17N
18	N	9BE	11B
18	N	12C	18N
18	N	9BE	18O
18	N	9BE	18O
18	N	9BE	19N
18	N	9BE	22NE
18	N	9BE	40AR
18	N	12C	22NE
18	N	14C	7LI
18	N	14C	18O
18	N	18O	PI-
18	N	18O	N
18	N	18O	D
18	N	18O	T
18	N	18O	7LI
18	N	18O	11B
18	N	18O	18O
18	N	28SI	P
18	N	181TA	18O
18	N	181TA	22NE
18	N	232TH	P
18	N	232TH	18O
18	NA	1H	17NE
18	NA	9BE	20MG
18	NE	18NE	B+
18	NE	12C	12C
18	NE	14O	A
18	NE	16O	3HE
18	NE	16O	10B
18	NE	16O	12C
18	NE	18O	PI+
18	NE	20NE	P
18	O	10B	9BE
18	O	12C	7LI

18	O	13C	6LI
18	O	13C	9BE
18	O	13C	17O
18	O	14C	A
18	O	14C	A
18	O	14C	6LI
18	O	14C	7LI
18	O	14C	14C
18	O	14C	16O
18	O	16O	T
18	O	16O	A
18	O	16O	10B
18	O	17O	D
18	O	17O	A
18	O	17O	12C
18	O	18N	B-
18	O	18O	G
18	O	18O	G
18	O	18O	E
18	O	18O	PI
18	O	18O	N
18	O	18O	P
18	O	18O	D
18	O	18O	T
18	O	18O	3HE
18	O	18O	A
18	O	18O	6LI
18	O	18O	9BE
18	O	18O	10B
18	O	18O	12C
18	O	18O	16O
18	O	18O	17O
18	O	18O	19F
18	O	18O	24MG
18	O	18O	27AL
18	O	18O	28SI
18	O	18O	40CA
18	O	18F	B+
18	O	19F	G
18	O	19F	N
18	O	19F	P
18	O	19F	D
18	O	19F	T
18	O	22NE	D
19	B	9BE	40AR
19	B	9BE	56FE
19	B	C	19B

19	B	181TA	36S
19	B	181TA	40AR
19	B	TA	48CA
19	B	U	P
19	C	1H	19C
19	C	1H	19C
19	C	1H	19C
19	C	1H	20C
19	C	9BE	20N
19	C	9BE	22N
19	C	9BE	40AR
19	C	9BE	48CA
19	C	12C	19C
19	C	12C	22NE
19	C	12C	25NE
19	C	19B	B-
19	C	181TA	48CA
19	C	181TA	40AR
19	C	208PB	19C
19	C	TH	P
19	C	U	P
19	C	241PU	N
19	F	12C	9BE
19	F	12C	11B
19	F	13C	9BE
19	F	14N	7LI
19	F	15N	A
19	F	15N	A
19	F	15N	6LI
19	F	15N	7LI
19	F	15N	11B
19	F	15N	13C
19	F	16O	T
19	F	16O	A
19	F	16O	6LI
19	F	16O	7LI
19	F	16O	11B
19	F	16O	12C
19	F	17O	D
19	F	17O	3HE
19	F	17O	A
19	F	18O	P
19	F	18O	P
19	F	18O	P
19	F	18O	P
19	F	18O	D
19	F	18O	3HE

19	F	18O	A
19	F	19O	B-
19	F	19F	G
19	F	19F	E
19	F	19F	N
19	F	19F	P
19	F	19F	D
19	F	19F	T
19	F	19F	3HE
19	F	19F	A
19	F	19F	6LI
19	F	19F	12C
19	F	19F	14N
19	F	19F	16O
19	F	19F	23NA
19	F	19F	24MG
19	F	19F	27AL
19	F	19F	40CA
19	F	19NE	B+
19	F	20NE	D
19	F	20NE	T
19	F	21NE	P
19	F	22NE	P
19	MG	9BE	36AR
19	MG	9BE	20MG
19	N	19C	B-
19	N	H	19C
19	N	1H	21N
19	N	9BE	36S
19	N	9BE	40AR
19	N	10BE	11B
19	N	C	19N
19	N	C	20N
19	N	18O	18O
19	N	20C	B-N
19	N	SI	19N
19	N	48CA	18O
19	N	NI	40AR
19	N	AU	P
19	N	207PB	18O
19	N	208PB	20N
19	N	232TH	18O
19	N	232TH	22NE
19	N	U	P
19	NA	P	18NE
19	NA	9BE	20MG
19	NA	24MG	P

19	NA	24MG	3HE
19	NE	19NE	B+
19	NE	15O	A
19	NE	16O	3HE
19	NE	16O	A
19	NE	16O	6LI
19	NE	16O	10B
19	NE	16O	12C
19	NE	17O	3HE
19	NE	18O	P
19	NE	19F	P
19	NE	19F	3HE
19	NE	20NE	3HE
19	NE	21NE	P
19	O	19O	B-
19	O	9BE	18O
19	O	13C	7LI
19	O	17O	T
19	O	18O	N
19	O	18O	N
19	O	18O	D
19	O	18O	A
19	O	19N	B-
19	O	18F	PI-
20	B	12C	22N
20	C	1H	20C
20	C	9BE	22O
20	C	9BE	40AR
20	C	9BE	48CA
20	C	C	36S
20	C	181TA	40AR
20	C	181TA	48CA
20	C	TH	P
20	C	U	P
20	F	20O	B-
20	F	14N	7LI
20	F	18O	3HE
20	F	19F	N
20	F	19F	N
20	F	19F	N
20	F	19F	D
20	MG	2H	20MG
20	MG	3HE	20NE
20	MG	9BE	22MG
20	MG	9BE	24MG
20	MG	9BE	28SI
20	MG	12C	20MG

20	MG	20NE	3HE
20	MG	24MG	A
20	MG	27AL	20NE
20	MG	SI	P
20	MG	NI	20NE
20	MG	NI	24MG
20	MG	NI	36AR
20	MG	208PB	20MG
20	N	1H	21N
20	N	9BE	36S
20	N	9BE	40AR
20	N	9BE	48CA
20	N	C	20N
20	N	C	21N
20	N	SI	20N
20	N	20C	B-
20	N	21N	P
20	N	NI	40AR
20	N	48CA	18O
20	N	181TA	40AR
20	N	181TA	48CA
20	N	181TA	86KR
20	N	208PB	20N
20	N	208PB	21N
20	N	232TH	P
20	N	232TH	18O
20	N	232TH	22NE
20	N	U	P
20	NA	20MG	B+
20	NA	20NE	P
20	NA	20NE	3HE
20	NE	20F	B-
20	NE	20NA	B+
20	NE	12C	12C
20	NE	16O	A
20	NE	16O	A
20	NE	16O	6LI
20	NE	16O	7LI
20	NE	16O	12C
20	NE	19F	P
20	NE	19F	P
20	NE	19F	P
20	O	18O	T
20	O	18O	A
20	O	18O	18O
21	B	9BE	40AR
21	B	12C	22C

21	F	19F	T
21	F	22NE	T
21	F	22NE	D
21	F	21O	B-
21	F	19F	A
21	F	208PB	22NE
21	MG	24MG	3HE
21	MG	22SI	ECP
21	MG	20NA	P
21	MG	9BE	22MG
21	MG	SI	P
21	MG	U	P
21	N	22C	B-N
21	N	9BE	36S
21	N	1H	21N
21	NA	20NE	P
21	NA	23NA	P
21	NA	19F	3HE
21	NA	21MG	B+
21	NA	20NE	P
21	NA	20NE	D
21	NA	20NE	3HE
21	NA	22AL	ECP
21	NA	23SI	EC2P
21	NA	24MG	P
21	NA	16O	7LI
21	NA	20NE	3HE
21	NA	9BE	20NE
21	NA	COULOMB	EXCITATION
21	NA	SI	P
21	NE	18O	A
21	NE	4HE	18O
21	NE	12C	13C
21	NE	19F	3HE
21	NE	13C	12C
21	NE	2H	20NE
21	NE	20NE	D
21	NE	22NE	P
21	NE	22NE	D
21	NE	22NE	3HE
21	NE	21F	B-
21	NE	21NA	B+
21	NE	16O	7LI
21	NE	20NE	N
21	NE	COULOMB	EXCITATION
21	NE	12C	13C
21	NE	17O	A

21	NE	17O	A
21	NE	20NE	N
21	NE	NEUTRON	RESONANCES
21	O	21N	B-
21	O	22N	B-N
21	O	18O	18O
21	O	9BE	36S
21	O	2H	20O
22	AL	22SI	EC
22	F	22O	B-
22	F	23O	B-N
22	F	9BE	14C
22	F	22NE	T
22	F	22NE	7LI
22	MG	22AL	EC
22	MG	23SI	ECP
22	MG	1H	21NA
22	MG	1H	21NA
22	MG	12C	12C
22	MG	12C	16O
22	MG	12C	22MG
22	MG	12C	23AL
22	MG	18NE	A
22	MG	20NE	3HE
22	MG	24MG	P
22	MG	24MG	A
22	MG	25MG	3HE
22	N	9BE	26F
22	N	C	36S
22	NA	22MG	EC
22	NA	23AL	ECP
22	NA	10B	16O
22	NA	12C	14N
22	NA	19F	A
22	NA	20NE	3HE
22	NA	20NE	A
22	NA	20NE	6LI
22	NA	21NE	P
22	NA	21NE	P
22	NA	21NE	3HE
22	NA	22NE	3HE
22	NA	23NA	3HE
22	NA	24MG	P
22	NA	24MG	D
22	NE	22F	B-
22	NE	22NA	EC
22	NE	4HE	19F

22	NE	11B	13C
22	NE	12C	18O
22	NE	14C	12C
22	NE	18O	A
22	NE	18O	A
22	NE	18O	4HE
22	NE	18O	6LI
22	NE	18O	7LI
22	NE	19F	A
22	NE	20NE	T
22	NE	20NE	T
22	NE	21NE	N
22	NE	21NE	N
22	NE	21NE	D
22	NE	22NE	G
22	NE	22NE	E
22	NE	22NE	P
22	NE	COULOMB	EXCITATION
22	NE	23NA	D
22	NE	23NA	T
22	NE	26MG	D
22	NE	26MG	3HE
22	NE	150ND	26MG
22	O	22N	B-
22	O	BE	36S
22	O	22O	P
22	O	197AU	22O
23	AL	23SI	EC
23	AL	9BE	22MG
23	AL	9BE	24SI
23	AL	9BE	25AL
23	AL	12C	23AL
23	AL	22MG	P
23	AL	24MG	7LI
23	AL	12C	23AL
23	F	23O	B-
23	F	24O	B-N
23	F	4HE	22O
23	F	9BE	36S
23	F	22NE	18O
23	MG	23AL	EC
23	MG	24SI	ECP
23	MG	1H	22NA
23	MG	9BE	22MG
23	MG	12C	12C
23	MG	12C	16O
23	MG	22NA	P

23	MG	22NA	3HE
23	MG	23NA	3HE
23	MG	24MG	P
23	MG	24MG	D
23	MG	24MG	3HE
23	MG	24MG	3HE
23	MG	25MG	P
23	N	2H	24O
23	NA	23NE	B-
23	NA	23MG	EC
23	NA	24AL	B+P
23	NA	7LI	16O
23	NA	11B	16O
23	NA	12C	12C
23	NA	12C	15N
23	NA	12C	16O
23	NA	19F	A
23	NA	19F	6LI
23	NA	20NE	A
23	NA	20NE	7LI
23	NA	21NE	3HE
23	NA	22NE	P
23	NA	22NE	D
23	NA	22NE	D
23	NA	22NE	3HE
23	NA	22NA	N
23	NA	23NA	G
23	NA	23NA	E
23	NA	23NA	N
23	NA	23NA	P
23	NA	23NA	P
23	NA	23NA	A
23	NA	COULOMB	EXCITATION
23	NA	24MG	D
23	NA	24MG	T
23	NA	25MG	D
23	NA	26MG	P
23	NA	27AL	D
23	NA	150ND	26MG
23	NE	23F	B-
23	NE	21NE	T
23	NE	22NE	N
23	NE	22NE	N
23	NE	22NE	N
23	NE	22NE	D
23	NE	22NE	D
23	NE	23NA	MU-

23	NE	23NA	N
23	NE	23NA	N
23	NE	208PB	22NE
23	O	1H	24O
23	O	2H	22O
23	O	9BE	24O
23	O	9BE	26F
23	O	9BE	26NE
23	O	C	24O
23	O	C	23O
23	O	12C	24F
23	SI	9BE	24SI
24	AL	24AL	IT
24	AL	24SI	EC
24	AL	1H	23MG
24	AL	1H	23MG
24	AL	10B	16O
24	AL	23NA	POL
24	AL	24MG	P
24	AL	24MG	3HE
24	AL	27AL	3HE
24	F	24O	B-
24	F	9BE	25F
24	F	C	24F
24	F	C	26NE
24	F	C	27NA
24	MG	24NA	B-
24	MG	24NA	B-
24	MG	24AL	EC
24	MG	24AL	EC
24	MG	25SI	ECP
24	MG	26P	EC2P
24	MG	28P	ECA
24	MG	12C	12C
24	MG	12C	12C
24	MG	12C	14N
24	MG	12C	24MG
24	MG	12C	16O
24	MG	12C	24MG
24	MG	20NE	A
24	MG	20NE	A
24	MG	20NE	6LI
24	MG	22NE	3HE
24	MG	23NA	P
24	MG	23NA	3HE
24	MG	24MG	G
24	MG	24MG	E

24	MG	24MG	PI+
24	MG	24MG	P
24	MG	24MG	N
24	MG	24MG	3HE
24	MG	24MG	A
24	MG	COULOMB	EXCITATION
24	MG	24MG	A
24	MG	24MG	6LI
24	MG	24MG	16O
24	MG	25MG	P
24	MG	25MG	3HE
24	MG	27AL	MU-
24	MG	27AL	P
24	MG	28SI	D
24	MG	28SI	28SI
24	NA	24NE	B-
24	NA	24NA	IT
24	NA	10B	16O
24	NA	22NE	3HE
24	NA	22NE	A
24	NA	23NA	N
24	NA	23NA	N
24	NA	23NA	N
24	NA	23NA	D
24	NA	23NA	D
24	NA	23NA	POL
24	NA	24MG	D
24	NA	24MG	T
24	NA	25MG	D
24	NA	26MG	D
24	NE	24F	B-
24	NE	25F	B-N
24	NE	22NE	T
24	NE	22NE	T
24	NE	22NE	A
24	NE	14C	14C
24	O	25O	N
24	O	26O	2N
24	O	1H	24O
24	O	1H	25F
24	O	2H	24O
24	O	9BE	26F
24	O	9BE	26NE
24	SI	2H	23AL
24	SI	9BE	26SI
24	SI	12C	24SI
24	SI	COULOMB	EXCITATION

24	SI	28SI	A
25	AL	25SI	B+
25	AL	26P	ECP
25	AL	27S	B+2P
25	AL	24MG	P
25	AL	24MG	3HE
25	AL	28SI	P
25	AL	27AL	P
25	AL	25AL	POL
25	AL	24MG	D
25	AL	25MG	3HE
25	F	1H	27F
25	MG	25NA	B-
25	MG	25AL	B+
25	MG	12C	14N
25	MG	22NE	A
25	MG	24MG	N
25	MG	24MG	N
25	MG	24MG	D
25	MG	26MG	3HE
25	MG	27AL	D
25	MG	25MG	P
25	MG	25MG	G
25	MG	25MG	E
25	NA	25NE	B-
25	NA	23NA	T
25	NA	26MG	D
25	NE	25F	B-
25	NE	26MG	13C
25	NE	26MG	7LI
25	NE	2H	24NE
25	NE	9BE	26NE
25	SI	28SI	3HE
26	AL	26SI	B+
26	AL	27P	B+P
26	AL	23NA	A
26	AL	24MG	3HE
26	AL	24MG	A
26	AL	25MG	P
26	AL	25MG	3HE
26	AL	25MG	A
26	AL	25MG	11B
26	AL	26MG	P
26	AL	26MG	3HE
26	AL	27AL	P
26	AL	27AL	D
26	AL	28SI	MU-

26	AL	28SI	P
26	AL	28SI	D
26	F	26F	IT
26	F	1H	27F
26	F	9BE	26NE
26	F	12C	27NA
26	MG	26NA	B-
26	MG	26AL	EC
26	MG	26AL	EC
26	MG	27NA	B-N
26	MG	18O	13C
26	MG	22NE	6LI
26	MG	23NA	A
26	MG	24MG	T
26	MG	25MG	N
26	MG	25MG	N
26	MG	25MG	D
26	MG	25MG	A
26	MG	26MG	POL
26	MG	26MG	G
26	MG	26MG	E
26	MG	26MG	P
26	MG	26MG	A
26	MG	27AL	MU-
26	MG	27AL	D
26	MG	27AL	T
26	MG	28SI	MU-
26	NA	26NE	B-
26	NA	14C	14C
26	NA	25NA	D
26	NA	26NE	D
26	NA	COULOMB	EXCITATION
26	NA	26MG	N
26	NA	26MG	T
26	NA	26MG	7LI
26	NA	26MG	11B
26	NE	26F	B-
26	NE	26F	B-
26	NE	30NA	B-A
26	NE	9BE	36S
26	NE	26MG	PI-
26	NE	COULOMB	EXCITATION
26	O	9BE	27F
26	P	C	28SI
26	SI	26P	EC
26	SI	27S	B+P
26	SI	1H	25AL

26	SI	1H	27SI
26	SI	12C	16O
26	SI	24MG	3HE
26	SI	24MG	3HE
26	SI	COULOMB	EXCITATION
26	SI	28SI	P
26	SI	28SI	P
26	SI	28SI	4HE
26	SI	29SI	3HE
27	AL	27MG	B-
27	AL	27SI	EC
27	AL	28P	B+P
27	AL	12C	16O
27	AL	24MG	A
27	AL	26MG	P
27	AL	26MG	D
27	AL	26MG	3HE
27	AL	27AL	G
27	AL	27AL	E
27	AL	27AL	P
27	AL	27AL	A
27	F	1H	27F
27	F	9BE	29NE
27	MG	27NA	B-
27	MG	9BE	28MG
27	MG	25MG	T
27	MG	26MG	N
27	MG	26MG	D
27	MG	28SI	MU-
27	NA	27NE	B-
27	NA	28NE	B-N
27	NA	29NE	B-2N
27	NA	2H	26NE
27	NA	14C	14C
27	NA	26MG	18O
27	NE	9BE	28NE
27	NE	2H	26NE
27	P	27S	B+
27	P	9BE	28S
27	P	28SI	7LI
27	P	32S	3HE
27	SI	27P	B+
27	SI	28S	B+P
27	SI	12C	16O
27	SI	24MG	A
27	SI	25MG	3HE
27	SI	26AL	P

27	SI	26AL	3HE
27	SI	27AL	P
27	SI	27AL	3HE
27	SI	28SI	P
27	SI	28SI	3HE
27	SI	29SI	P
28	AL	28MG	B-
28	AL	2H	27AL
28	AL	26MG	3HE
28	AL	27AL	N
28	AL	27AL	D
28	AL	27AL	D
28	AL	28SI	MU-
28	AL	29SI	D
28	AL	30SI	POL
28	F	9BE	29NE
28	MG	28NA	B-
28	MG	29NA	B-N
28	MG	26MG	T
28	MG	COULOMB	EXCITATION
28	MG	150ND	26MG
28	NA	28NE	B-
28	NA	29NE	B-N
28	NA	COULOMB	EXCITATION
28	NE	1H	28NE
28	NE	9BE	29NA
28	NE	9BE	29NA
28	NE	COULOMB	EXCITATION
28	P	28S	B+
28	P	28SI	P
28	P	28SI	3HE
28	S	9BE	30S
28	S	COULOMB	EXCITATION
28	SI	28AL	B-
28	SI	28P	EC
28	SI	29S	B+P
28	SI	31AR	B+3P
28	SI	32CL	B+A
28	SI	12C	20NE
28	SI	14N	16O
28	SI	24MG	A
28	SI	25MG	A
28	SI	27AL	P
28	SI	27AL	D
28	SI	27AL	3HE
28	SI	28SI	G
28	SI	28SI	N

28	SI	28SI	P
28	SI	28SI	6LI
28	SI	29SI	P
29	AL	29MG	B-
29	AL	27AL	T
29	AL	30SI	T
29	CL	30AR	P
29	MG	29NA	B-
29	MG	30NA	B-N
29	MG	31NA	B-2N
29	MG	2H	30MG
29	MG	9BE	30MG
29	MG	13C	18O
29	MG	26MG	11B
29	MG	26MG	18O
29	MG	30SI	13C
29	NA	29NE	B-
29	NA	COULOMB	EXCITATION
29	NE	9BE	32MG
29	P	29S	B+
29	P	31AR	B+2P
29	P	28SI	P
29	P	28SI	POL
29	P	28SI	3HE
29	P	31P	P
29	P	32S	P
29	S	9BE	30S
29	S	197AU	29S
29	SI	29AL	B-
29	SI	29P	B+
29	SI	15N	16O
29	SI	26MG	A
29	SI	27AL	3HE
29	SI	29SI	E
29	SI	28SI	N
29	SI	28SI	N
29	SI	28SI	D
29	SI	30SI	D
30	AL	30MG	B-
30	AL	14C	18O
30	AL	18O	14C
30	AL	30SI	T
30	AL	30SI	7LI
30	AR	9BE	31AR
30	MG	30NA	B-
30	MG	31NA	B-N
30	MG	32NA	B-2N

30	MG	C	30MG
30	MG	14C	18O
30	NA	30NE	B-
30	NA	1H	30NA
30	NA	COULOMB	EXCITATION
30	NE	1H	30NE
30	NE	9BE	32MG
30	P	30S	B+
30	P	31CL	B+P
30	P	16O	16O
30	P	29SI	P
30	P	29SI	D
30	P	29SI	3HE
30	P	30SI	3HE
30	P	28SI	A
30	P	31P	3HE
30	S	31AR	B+P
30	S	28SI	3HE
30	S	COULOMB	EXCITATION
30	S	32S	P
30	SI	30AL	B-
30	SI	30P	B+
30	SI	14C	18O
30	SI	27AL	A
30	SI	28SI	T
30	SI	29SI	N
31	AL	31MG	B-
31	AL	32MG	B-N
31	AL	1H	30MG
31	AL	15N	18O
31	AL	30SI	18O
31	AR	9BE	31AR
31	AR	9BE	32AR
31	CL	31AR	EC
31	CL	PB	31CL
31	K	1H	31AR
31	MG	31NA	B-
31	MG	32NA	B-N
31	MG	33NA	B-2N
31	MG	2H	30MG
31	MG	9BE	32MG
31	MG	9BE	32AL
31	MG	4HE	HI
31	MG	COULOMB	EXCITATION
31	NA	1H	31NA
31	NA	4HE	HI
31	NA	12C	32NA

31	NA	197AU	31NA
31	NE	C	31NE
31	NE	9BE	33MG
31	P	31SI	B-
31	P	31S	EC
31	P	32CL	ECP
31	P	12C	20NE
31	P	20NE	12C
31	P	24MG	12C
31	P	24MG	16O
31	P	27AL	A
31	P	27AL	A
31	P	27AL	6LI
31	P	28SI	A
31	P	28SI	A
31	P	28SI	18O
31	P	28SI	19F
31	P	29SI	3HE
31	P	29SI	A
31	P	30SI	P
31	P	30SI	P
31	P	30SI	P
31	P	30SI	D
31	P	30SI	3HE
31	P	30SI	A
31	P	30SI	16O
31	P	31P	G
31	P	31P	E
31	P	31P	N
31	P	31P	P
31	P	31P	P
31	P	31P	D
31	P	32S	G
31	P	32S	E
31	P	32S	N
31	P	32S	D
31	P	32S	13C
31	P	33S	P
31	P	33S	D
31	P	34S	P
31	P	COULOMB	EXCITATION
31	S	31CL	EC
31	S	32AR	ECP
31	S	2H	30P
31	S	9BE	32S
31	S	12C	20NE
31	S	24MG	12C

31	S	24MG	16O
31	S	28SI	A
31	S	28SI	A
31	S	28SI	6LI
31	S	28SI	12C
31	S	29SI	3HE
31	S	30SI	POL
31	S	31P	P
31	S	31P	3HE
31	S	31P	3HE
31	S	32S	G
31	S	32S	P
31	S	32S	D
31	S	32S	3HE
31	S	32S	3HE
31	S	33S	P
31	SI	31AL	B-
31	SI	32AL	B-N
31	SI	18O	18O
31	SI	28SI	18O
31	SI	29SI	T
31	SI	30SI	N
31	SI	30SI	N
31	SI	30SI	D
31	SI	30SI	D
31	SI	30SI	T
31	SI	31P	MU-
31	SI	31P	N
32	AL	32MG	B-
32	AL	33MG	B-N
32	AL	4HE	32AL
32	AL	9BE	36S
32	AL	208PB	37CL
32	AR	9BE	34AR
32	AR	32S	PI+
32	AR	COULOMB	EXCITATION
32	CL	32AR	EC
32	CL	9BE	33CL
32	CL	32S	P
32	CL	32S	3HE
32	MG	32NA	B-
32	MG	33NA	B-N
32	MG	34NA	B-2N
32	MG	1H	32MG
32	MG	3H	30MG
32	MG	4HE	32MG
32	MG	9BE	36S

32	MG	COULOMB	EXCITATION
32	NA	32NE	B-
32	NA	12C	32NA
32	NE	C	32NE
32	P	32SI	B-
32	P	2H	31P
32	P	29SI	A
32	P	30SI	3HE
32	P	30SI	A
32	P	31P	N
32	P	31P	N
32	P	31P	D
32	P	32S	MU-
32	P	32S	D
32	P	34S	P
32	P	34S	POL
32	P	35CL	K-
32	S	32CL	EC
32	S	4HE	28SI
32	S	28SI	A
32	S	28SI	A
32	S	28SI	6LI
32	S	28SI	6LI
32	S	28SI	7LI
32	S	28SI	18O
32	S	29SI	A
32	S	30SI	16O
32	S	31P	P
32	S	31P	P
32	S	31P	P
32	S	31P	D
32	S	31P	3HE
32	S	32S	G
32	S	32S	E
32	S	32S	PI+
32	S	32S	N
32	S	32S	P
32	S	32S	P
32	S	33S	P
32	S	33S	3HE
32	S	34S	P
32	S	32P	B-
32	S	33AR	ECP
32	S	36K	ECA
32	S	16O	20NE
32	S	28SI	12C
32	S	28SI	16O

32	S	32S	D
32	S	32S	A
32	S	COULOMB	EXCITATION
32	SI	32AL	B-
32	SI	33AL	B-N
32	SI	30SI	T
32	SI	30SI	T
32	SI	31SI	N
32	SI	COULOMB	EXCITATION
32	SI	208PB	37CL
33	AL	33MG	B-
33	AL	34MG	B-N
33	AL	HE	33AL
33	AL	SI	33AL
33	AR	1H	34AR
33	AR	36AR	3HE
33	CL	33AR	EC
33	CL	35CA	EC2P
33	CL	32S	P
33	CL	32S	P
33	CL	2H	32S
33	CL	32S	D
33	CL	32S	3HE
33	CL	35CL	P
33	MG	33NA	B-
33	MG	34NA	B-N
33	MG	1H	33MG
33	MG	9BE	36SI
33	MG	197AU	33MG
33	NA	12C	34NA
33	NA	9BE	38SI
33	P	33SI	B-
33	P	18O	18O
33	P	26MG	13C
33	P	30SI	A
33	P	30SI	A
33	P	31P	T
33	P	31P	T
33	P	34S	POL
33	P	34S	D
33	S	33P	B-
33	S	33CL	EC
33	S	2H	32S
33	S	18O	18O
33	S	29SI	A
33	S	29SI	6LI
33	S	30SI	A

33	S	31P	3HE
33	S	32S	N
33	S	32S	N
33	S	32S	N
33	S	32S	D
33	S	32S	D
33	S	32S	13C
33	S	33S	P
33	S	COULOMB	EXCITATION
33	S	34S	P
33	S	34S	POL
33	S	34S	3HE
33	S	34S	32S
33	S	35CL	P
33	S	35CL	D
33	SI	33AL	B-
33	SI	34AL	B-N
33	SI	9BE	34SI
33	SI	34S	13C
33	SI	36S	11B
33	SI	160GD	34S
33	SI	197AU	33SI
33	SI	198PT	37CL
33	SI	208PB	36S
34	AL	34MG	B-
34	AL	35MG	B-N
34	AL	COULOMB	EXCITATION
34	AR	35CA	ECP
34	AR	1H	34AR
34	AR	3HE	32S
34	AR	32S	3HE
34	AR	36AR	P
34	CL	34CL	IT
34	CL	34AR	EC
34	CL	35K	ECP
34	CL	24MG	12C
34	CL	32S	3HE
34	CL	32S	3HE
34	CL	32S	A
34	CL	33S	P
34	CL	33S	P
34	CL	33S	3HE
34	CL	34S	P
34	CL	34S	3HE
34	CL	34S	6LI
34	CL	35CL	G
34	CL	35CL	N

34	CL	35CL	D
34	CL	35CL	3HE
34	CL	36AR	P
34	CL	36AR	D
34	CL	40CA	MU-
34	MG	34NA	B-
34	MG	35NA	B-N
34	MG	9BE	36SI
34	MG	34MG	P
34	MG	COULOMB	EXCITATION
34	P	34SI	B-
34	P	35SI	B-N
34	P	18O	18O
34	P	18O	18O
34	P	30SI	7LI
34	P	COULOMB	EXCITATION
34	P	34S	T
34	P	34S	7LI
34	P	36S	D
34	P	36S	POL
34	P	115IN	34S
34	P	176YB	36S
34	S	34P	B-
34	S	34CL	EC
34	S	34CL	EC
34	S	24MG	16O
34	S	30SI	A
34	S	31P	A
34	S	31P	A
34	S	32S	T
34	S	32S	T
34	S	32S	A
34	S	33S	N
34	S	33S	N
34	S	33S	D
34	S	34S	G
34	S	34S	E
34	S	34S	PI+
34	S	34S	N
34	S	34S	P
34	S	34S	POL
34	S	34S	A
34	S	35CL	G
34	S	35CL	N
34	S	35CL	D
34	S	35CL	T
34	S	28SI	34S

34	S	34S	P
34	S	206PB	34S
34	SI	34AL	B-
34	SI	35AL	B-N
34	SI	2H	34SI
34	SI	7LI	34P
34	SI	9BE	35SI
34	SI	SI	34SI
34	SI	36S	11B
34	SI	36S	14C
34	SI	160GD	36S
34	SI	COULOMB	EXCITATION
35	AL	COULOMB	EXCITATION
35	AL	9BE	36SI
35	AL	PB	35AL
35	AR	35K	EC
35	AR	36CA	ECP
35	AR	1H	36AR
35	AR	16O	24MG
35	AR	24MG	16O
35	AR	33S	3HE
35	AR	36AR	P
35	AR	36AR	D
35	AR	36AR	3HE
35	CL	35S	B-
35	CL	35AR	EC
35	CL	36K	ECP
35	CL	31P	6LI
35	CL	31P	A
35	CL	32S	A
35	CL	32S	A
35	CL	33S	A
35	CL	34S	P
35	CL	34S	P
35	CL	2H	34S
35	CL	34S	D
35	CL	34S	3HE
35	CL	35CL	G
35	CL	35CL	N
35	CL	35CL	P
35	CL	36AR	N
35	CL	36AR	D
35	CL	36AR	POL
35	CL	37CL	P
35	CL	39K	G
35	CL	40CA	MU-
35	CL	COULOMB	EXCITATION

35	CL		HI
35	K	35CA	EC
35	K	40CA	3HE
35	MG	35NA	B-
35	MG	9BE	38SI
35	MG	C	36MG
35	NA	C	36MG
35	P	35SI	B-
35	P	36SI	B-N
35	P	34S	18O
35	P	36S	D
35	P	37CL	11B
35	P	160GD	37CL
35	P	208PB	36S
35	S	35P	B-
35	S	2H	34S
35	S	34S	N
35	S	34S	N
35	S	34S	D
35	S	34S	POL
35	S	34S	D
35	S	37CL	P
35	S	37CL	D
35	S	160GD	37CL
35	SI	35AL	B-
35	SI	1H	34SI
35	SI	2H	34SI
35	SI	9BE	36SI
36	AR	36CL	B-
36	AR	36K	EC
36	AR	37CA	ECP
36	AR	40SC	ECA
36	AR	2H	35CL
36	AR	12C	32S
36	AR	20NE	16O
36	AR	24MG	12C
36	AR	24MG	20NE
36	AR	32S	A
36	AR	32S	6LI
36	AR	32S	16O
36	AR	33S	A
36	AR	35CL	P
36	AR	35CL	D
36	AR	35CL	3HE
36	AR	36AR	E
36	AR	36AR	P
36	AR	36AR	D

36	AR	36AR	A
36	AR	38AR	P
36	AR	39K	P
36	AR	40CA	D
36	AR	40CA	3HE
36	AR	1H	35CL
36	AR	9BE	40CA
36	AR	28SI	32S
36	AR	36AR	P
36	AR	40CA	P
36	AR	40CA	POL
36	AR	40CA	P
36	AR	40CA	A
36	AR	40CA	40CA
36	AR	197AU	36AR
36	AR	206PB	36AR
36	CA	9BE	37CA
36	CA	C	38CA
36	CA	40CA	4HE
36	CL	2H	35CL
36	CL	3H	35CL
36	CL	27AL	14N
36	CL	33S	A
36	CL	34S	3HE
36	CL	34S	A
36	CL	35CL	N
36	CL	35CL	N
36	CL	35CL	D
36	CL	35CL	D
36	CL	36AR	N
36	CL	37CL	G
36	CL	37CL	P
36	CL	37CL	D
36	CL	37CL	3HE
36	CL	37CL	3HE
36	CL	38AR	P
36	CL	38AR	POL
36	CL	39K	N
36	CL	40CA	MU-
36	K	36CA	EC
36	K	9BE	37CA
36	K	C	37K
36	K	36AR	3HE
36	MG	1H	36MG
36	MG	9BE	38SI
36	MG	C	37AL
36	MG	C	40AL

36	MG	PB	36MG
36	MG	PB	37MG
36	P	36SI	B-
36	P	36S	7LI
36	P	37CL	13C
36	P	176YB	36S
36	S	36P	B-
36	S	36CL	EC
36	S	34S	T
36	S	34S	T
36	S	36S	P
36	S	36S	POL
36	S	COULOMB	EXCITATION
36	S	37CL	N
36	S	37CL	D
36	S	37CL	36S
36	S	40AR	G
36	S	40AR	3HE
36	S	115IN	34S
36	S	160GD	36S
36	S	160GD	37CL
36	S	176YB	36S
36	SI	36SI	P
36	SI	COULOMB	EXCITATION
36	SI	208PB	36S
37	AR	37K	EC
37	AR	24MG	24MG
37	AR	26MG	14N
37	AR	34S	A
37	AR	35CL	3HE
37	AR	35CL	3HE
37	AR	35CL	A
37	AR	36AR	N
37	AR	36AR	D
37	AR	36AR	D
37	AR	37CL	P
37	AR	37CL	P
37	AR	37CL	6LI
37	AR	38AR	P
37	AR	38AR	D
37	AR	39K	P
37	AR	39K	D
37	AR	40CA	MU-
37	AR	40CA	N
37	AR	40CA	N
37	CA	C	38CA
37	CA	40CA	3HE

37	CL	37S	B-
37	CL	37AR	EC
37	CL	2H	36S
37	CL	3H	35CL
37	CL	24MG	16O
37	CL	24MG	18O
37	CL	26MG	14N
37	CL	27AL	12C
37	CL	27AL	19F
37	CL	34S	A
37	CL	36S	P
37	CL	36CL	N
37	CL	37CL	N
37	CL	37CL	P
37	CL	COULOMB	EXCITATION
37	CL	38AR	POL
37	CL	40CA	MU-
37	K	37CA	EC
37	K	39TI	EC2P
37	K	35CL	3HE
37	K	36AR	P
37	K	36AR	D
37	K	36AR	D
37	K	36AR	3HE
37	K	36AR	7LI
37	K	39K	P
37	K	40CA	MU-
37	K	40CA	P
37	K	40CA	3HE
37	P	9BE	48CA
37	P	36S	18O
37	P	48CA	36S
37	P	208PB	36S
37	S	37P	B-
37	S	38P	B-N
37	S	2H	36S
37	S	36S	N
37	S	36S	D
37	S	36S	14C
37	S	37CL	T
37	S	40AR	N
37	SI	37AL	B-
37	SI	9BE	38SI
37	SI	COULOMB	EXCITATION
38	AL	9BE	48CA
38	AR	38CL	B-
38	AR	38K	EC

38	AR	38K	EC
38	AR	12C	34S
38	AR	16O	28SI
38	AR	24MG	16O
38	AR	24MG	24MG
38	AR	27AL	14N
38	AR	27AL	16O
38	AR	34S	A
38	AR	34S	7LI
38	AR	35CL	A
38	AR	35CL	A
38	AR	36AR	T
38	AR	36AR	A
38	AR	37CL	P
38	AR	37CL	3HE
38	AR	37AR	N
38	AR	38AR	E
38	AR	39K	N
38	AR	39K	P
38	AR	39K	D
38	AR	39K	T
38	AR	40AR	P
38	AR	40CA	PI-
38	AR	40CA	MU-
38	AR	40CA	N
38	AR	40CA	P
38	AR	40CA	14C
38	AR	40CA	18O
38	AR	41K	P
38	AR	42CA	D
38	AR	42CA	3HE
38	CA	39TI	ECP
38	CA	39SC	P
38	CA	24MG	16O
38	CA	36AR	3HE
38	CA	36AR	3HE
38	CA	40CA	P
38	CA	COULOMB	EXCITATION
38	CL	38S	B-
38	CL	38CL	IT
38	CL	37CL	N
38	CL	37CL	N
38	CL	37CL	D
38	CL	37CL	D
38	CL	40AR	MU-
38	CL	40AR	P
38	CL	40AR	D

38	CL	40CA	MU-
38	CL	208PB	36S
38	CL	208PB	40AR
38	K	38CA	EC
38	K	38K	IT
38	K	24MG	16O
38	K	35CL	A
38	K	36AR	3HE
38	K	36AR	A
38	K	38AR	P
38	K	38AR	3HE
38	K	39K	P
38	K	39K	D
38	K	39K	3HE
38	K	39K	3HE
38	K	40CA	MU-
38	K	40CA	PI-
38	K	40CA	P
38	K	40CA	D
38	K	40CA	D
38	K	40CA	A
38	MG	C	40SI
38	P	38SI	B-
38	P	208PB	36S
38	S	38P	B-
38	S	39P	B-N
38	S	1H	38S
38	S	12C	48CA
38	S	36S	T
38	S	36S	T
38	S	36S	14C
38	S	36S	18O
38	S	40AR	11B
38	S	40AR	13C
38	S	160GD	36S
38	S	208PB	36S
38	S	COULOMB	EXCITATION
38	SI	38AL	B-
38	SI	1H	38SI
38	SI	C	40S
38	SI	COULOMB	EXCITATION
39	AL	9BE	40SI
39	AR	39CL	B-
39	AR	36S	A
39	AR	37CL	3HE
39	AR	37CL	A
39	AR	38AR	D

39	AR	38AR	D
39	AR	39K	N
39	AR	39K	N
39	AR	40AR	P
39	AR	40AR	D
39	AR	40AR	3HE
39	AR	40AR	16O
39	AR	40CA	MU-
39	AR	40CA	14C
39	AR	41K	D
39	AR		HI
39	CA	40TI	ECP
39	CA	1H	38K
39	CA	16O	28SI
39	CA	36AR	A
39	CA	39K	PI+
39	CA	39K	P
39	CA	39K	3HE
39	CA	40CA	G
39	CA	40CA	P
39	CA	40CA	D
39	CA	40CA	3HE
39	CA	40CA	3HE
39	CA	40CA	28SI
39	CL	39S	B-
39	CL	37CL	T
39	CL	37CL	T
39	CL	40AR	G
39	CL	40AR	POL
39	CL	40AR	T
39	CL	160GD	37CL
39	CL	208PB	40AR
39	K	39AR	B-
39	K	39CA	EC
39	K	40SC	ECP
39	K	4HE	39K
39	K	6LI	35CL
39	K	16O	28SI
39	K	24MG	18O
39	K	24MG	24MG
39	K	25MG	16O
39	K	27AL	18O
39	K	36AR	A
39	K	37CL	3HE
39	K	38AR	P
39	K	38AR	D
39	K	38AR	3HE

39	K	39K	G
39	K	39K	E
39	K	39K	N
39	K	39K	N
39	K	39K	P
39	K	39K	P
39	K	39K	D
39	K	39K	A
39	K	40CA	G
39	K	40CA	E
39	K	40CA	MU-
39	K	40CA	N
39	K	40CA	P
39	K	40CA	D
39	K	40CA	T
39	K	40CA	A
39	K	40CA	7LI
39	K	41K	P
39	K	41CA	D
39	K	42CA	P
39	K	42CA	P
39	P	40SI	B-N
39	P	9BE	48CA
39	P	COULOMB	EXCITATION
39	S	39P	B-
39	S	40P	B-N
39	S	40AR	13C
39	S	208PB	36S
39	S	9BE	48CA
39	S	12C	48CA
39	SC	39TI	EC
39	SC	40CA	7LI
39	SC	40CA	14N
39	SI	9BE	40SI
39	SI	9BE	40P
40	AR	40CL	B-
40	AR	40K	EC
40	AR	12C	36S
40	AR	26MG	16O
40	AR	26MG	18O
40	AR	36S	A
40	AR	37CL	A
40	AR	38AR	T
40	AR	38AR	A
40	AR	40AR	G
40	AR	40AR	E
40	AR	40AR	N

40	AR	40AR	P
40	AR	40AR	P
40	AR	40AR	POL
40	AR	40AR	3HE
40	AR	40AR	A
40	AR	COULOMB	EXCITATION
40	AR	40CA	14C
40	AR	41K	D
40	AR	42CA	14C
40	AR	44CA	3HE
40	AR	44CA	A
40	AR	208PB	40AR
40	CA	40K	B-
40	CA	40SC	EC
40	CA	4HE	36AR
40	CA	32S	12C
40	CA	36AR	A
40	CA	36AR	6LI
40	CA	38AR	3HE
40	CA	39K	P
40	CA	39K	P
40	CA	39K	D
40	CA	39K	3HE
40	CA	39K	3HE
40	CA	40CA	G
40	CA	40CA	E
40	CA	40CA	N
40	CA	40CA	P
40	CA	40CA	P
40	CA	40CA	D
40	CA	40CA	3HE
40	CA	40CA	A
40	CA	40CA	A
40	CA	41CA	D
40	CA	41CA	3HE
40	CA	42CA	P
40	CA		HI
40	CA	41TI	ECP
40	CA	43CR	B+3P
40	CA	44V	ECA
40	CA	14N	28SI
40	CA	36AR	7LI
40	CA	36AR	16O
40	CA	40CA	P
40	CA	40CA	T
40	CA	40CA	N
40	CA	40CA	PI+

40	CA	42CA	160
40	CA	INELASTIC	SCATTERING
40	CL	40S	B-
40	CL	9BE	36S
40	CL	40AR	7LI
40	CL	208PB	40AR
40	K	12C	30SI
40	K	26MG	160
40	K	37CL	A
40	K	38AR	A
40	K	39K	N
40	K	39K	D
40	K	39K	D
40	K	40AR	P
40	K	40AR	P
40	K	40AR	3HE
40	K	40K	G
40	K	40CA	MU-
40	K	40CA	N
40	K	40CA	POL
40	K	40CA	T
40	K	40CA	7LI
40	K	40CA	12C
40	K	41K	N
40	K	41K	P
40	K	41K	D
40	K	41CA	D
40	K	42CA	P
40	K	42CA	POL
40	K	39K	N
40	MG	C	41AL
40	MG	C	42SI
40	S	40P	B-
40	S	41P	B-N
40	S	1H	40S
40	S	9BE	48CA
40	S	208PB	36S
40	S	COULOMB	EXCITATION
40	SC	40TI	EC
40	SC	40CA	3HE
40	SC	40CA	12C
40	SC	40CA	P
40	SI	1H	40SI
40	SI	C	44S
40	TI	40CA	PI+
41	AR	41CL	B-
41	AR	40AR	N

41	AR	40AR	D
41	AR	40AR	D
41	AR	40AR	13C
41	AR	40AR	N
41	AR	208PB	40AR
41	CA	41SC	EC
41	CA		HI
41	CA	38AR	A
41	CA	39K	7LI
41	CA	40CA	A
41	CA	40CA	N
41	CA	40CA	N
41	CA	39K	3HE
41	CA	39K	3HE
41	CA	39K	A
41	CA	40K	D
41	CA	40K	3HE
41	CA	41K	P
41	CA	41K	3HE
41	CA	40CA	POL
41	CA	40CA	D
41	CA	40CA	T
41	CA	40CA	A
41	CA	40CA	P
41	CA	41CA	P
41	CA	41CA	A
41	CA	42CA	P
41	CA	42CA	D
41	CA	42CA	3HE
41	CA	42CA	3HE
41	CA	43CA	P
41	CA	40CA	7LI
41	CA	40CA	9BE
41	CA	40CA	11B
41	CA	40CA	12C
41	CA	40CA	13C
41	CA	40CA	14C
41	CA	40CA	14N
41	CA	40CA	17O
41	CA	40CA	18O
41	CA	40CA	28SI
41	CA	40CA	32S
41	CA	42CA	48TI
41	CA	41CA	E
41	CA	40CA	N
41	CL	41S	B-
41	CL	160GD	37CL

41	CL	176YB	36S
41	CL	208PB	40AR
41	K	41AR	B-
41	K	2H	40AR
41	K	26MG	18O
41	K	37CL	A
41	K	38AR	A
41	K	39K	T
41	K	40AR	P
41	K	40AR	D
41	K	40AR	3HE
41	K	40K	N
41	K	40AR	D
41	K	41K	E
41	K	41K	P
41	K	41K	N
41	K	COULOMB	EXCITATION
41	K	42CA	D
41	K	42CA	T
41	K	42CA	13C
41	K	44CA	P
41	K	41CA	EC
41	K	37CL	A
41	K	42CA	MU-
41	P	9BE	44S
41	S	41P	B-
41	S	COULOMB	EXCITATION
41	S	208PB	36S
41	SC	41TI	EC
41	SC	40CA	P
41	SC	40CA	P
41	SC	40CA	D
41	SC	40CA	3HE
41	SC	40CA	A
41	SC	40CA	7LI
41	SC	40CA	12C
41	SC	40CA	13C
41	SC	40CA	16O
41	SC	40CA	28SI
41	SC	43CR	EC2P
41	SI	9BE	42P
41	TI	42CR	ECP
42	AR	42CL	B-
42	AR	40AR	T
42	AR	40AR	T
42	AR	42AR	P
42	AR	208PB	40AR

42	AR	PB	43AR
42	CA	24MG	24MG
42	CA	27AL	18O
42	CA	27AL	19F
42	CA	28SI	16O
42	CA	30SI	18O
42	CA	38AR	A
42	CA	39K	A
42	CA	39K	A
42	CA	40CA	T
42	CA	41K	P
42	CA	41K	P
42	CA	41K	P
42	CA	41K	3HE
42	CA	41K	3HE
42	CA	41CA	N
42	CA	41CA	D
42	CA	42CA	E
42	CA	42CA	P
42	CA	42CA	P
42	CA	42CA	A
42	CA	43CA	P
42	CA	43CA	D
42	CA	43CA	3HE
42	CA	44CA	P
42	CA	42K	B-
42	CA	42SC	EC
42	CA	42SC	EC
42	CA	38AR	6LI
42	CA	40AR	3HE
42	CA	40CA	T
42	CA	40CA	A
42	CA	40CA	14C
42	CA	40CA	96ZR
42	CA	41CA	N
42	CA	42CA	G
42	CA	42CA	PI+
42	CA	42CA	D
42	CA	42CA	16O
42	CA	COULOMB	EXCITATION
42	CA	45SC	P
42	CA	46TI	D
42	CA	96ZR	40CA
42	CL	42S	B-
42	CL	43S	B-N
42	CL	208PB	40AR
42	K	42AR	B-

42	K	9BE	36S
42	K	26MG	18O
42	K	27AL	18O
42	K	40AR	A
42	K	41K	N
42	K	41K	N
42	K	41K	D
42	K	42CA	T
42	K	43CA	D
42	K	44CA	P
42	K	44CA	D
42	S	42P	B-
42	S	43P	B-N
42	S	9BE	48CA
42	S	COULOMB	EXCITATION
42	SC	42TI	EC
42	SC	24MG	24MG
42	SC	39K	A
42	SC	40CA	3HE
42	SC	40CA	3HE
42	SC	40CA	A
42	SC	40CA	12C
42	SC	41CA	P
42	SC	41CA	3HE
42	SC	42CA	P
42	SC	42CA	3HE
42	SC	42CA	6LI
42	SC	PB	16O
42	SI	9BE	44S
42	SI	C	44S
42	TI	43CR	ECP
42	TI	45FE	EC3P
42	TI	40CA	3HE
42	TI	40CA	3HE
42	TI	40CA	12C
42	TI	42CA	PI+
43	AR	43CL	B-
43	AR	1H	43AR
43	AR	9BE	36S
43	AR	48CA	A
43	AR	208PB	40AR
43	CA	43K	B-
43	CA	43SC	EC
43	CA	27AL	19F
43	CA	30SI	18O
43	CA	40AR	A
43	CA	41K	3HE

43	CA	41K	A
43	CA	42CA	N
43	CA	42CA	N
43	CA	42CA	D
43	CA	42CA	A
43	CA	43CA	P
43	CA	43CA	P
43	CA	43CA	D
43	CA	43CA	A
43	CA	44CA	P
43	CA	44CA	D
43	CA	44CA	3HE
43	CA	44CA	3HE
43	CA	45SC	MU-
43	CA	45SC	D
43	CA	COULOMB	EXCITATION
43	CL	43S	B-
43	CL	44S	B-N
43	CL	1H	46AR
43	CL	9BE	48K
43	CL	9BE	48CA
43	CL	208PB	40AR
43	K	43AR	B-
43	K	9BE	36S
43	K	40AR	A
43	K	41K	T
43	K	44CA	MU-
43	K	44CA	D
43	K	44CA	T
43	K	44CA	11B
43	P	9BE	44S
43	S	43S	IT
43	S	9BE	44S
43	S	9BE	45CL
43	S	COULOMB	EXCITATION
43	SC	43TI	EC
43	SC	24MG	24MG
43	SC	27AL	18O
43	SC	27AL	19F
43	SC	28SI	20NE
43	SC	29SI	16O
43	SC	40CA	A
43	SC	40CA	A
43	SC	40CA	6LI
43	SC	42CA	P
43	SC	42CA	P
43	SC	42CA	P

43	SC	42CA	P
43	SC	42CA	D
43	SC	42CA	3HE
43	SC	42CA	16O
43	SC	43CA	P
43	SC	43CA	3HE
43	SC	45SC	P
43	SC	46TI	P
43	TI	44CR	ECP
43	TI	BE	58NI
43	TI	40CA	A
43	TI	40CA	6LI
43	TI	46TI	3HE
43	V	43CR	EC
43	V	NI	58NI
44	AR	44CL	B-
44	AR	45CL	B-N
44	AR	C	46K
44	AR	48CA	3HE
44	AR	48CA	48CA
44	AR	COULOMB	EXCITATION
44	AR	208PB	48CA
44	CA	44K	B-
44	CA	44SC	EC
44	CA	44SC	EC
44	CA	27AL	19F
44	CA	30SI	16O
44	CA	30SI	18O
44	CA	36S	14C
44	CA	40AR	6LI
44	CA	41K	A
44	CA	42CA	T
44	CA	42CA	A
44	CA	42CA	48TI
44	CA	43CA	N
44	CA	43CA	N
44	CA	43CA	D
44	CA	44CA	POL
44	CA	44CA	E
44	CA	44CA	PI+
44	CA	44CA	P
44	CA	44CA	P
44	CA	44CA	A
44	CA	44CA	16O
44	CA	45SC	MU-
44	CA	45SC	T
44	CA	46TI	14C

44	CA	48TI	D
44	CA	44CA	D
44	CA	44CA	3HE
44	CA	44CA	6LI
44	CA	44CA	7LI
44	CA	44CA	9BE
44	CA	44CA	18O
44	CA	COULOMB	EXCITATION
44	CA	45SC	D
44	CA	44CA	N
44	CL	44S	B-
44	CL	9BE	45CL
44	K	44AR	B-
44	K	44CA	T
44	K	48CA	P
44	S	9BE	46AR
44	S	9BE	48CA
44	S	COULOMB	EXCITATION
44	SC	44SC	IT
44	SC	44TI	EC
44	SC	24MG	24MG
44	SC	27AL	19F
44	SC	28SI	18O
44	SC	28SI	19F
44	SC	30SI	16O
44	SC	30SI	18O
44	SC	41K	A
44	SC	41CA	A
44	SC	42CA	3HE
44	SC	42CA	A
44	SC	43CA	P
44	SC	43CA	3HE
44	SC	44CA	P
44	SC	44CA	P
44	SC	44CA	3HE
44	SC	45SC	P
44	SC	45SC	D
44	SC	45SC	3HE
44	SC	46TI	P
44	SC	46TI	POL
44	TI	44V	B+
44	TI	44V	B+
44	TI	45CR	ECP
44	TI	24MG	28SI
44	TI	28SI	19F
44	TI	28SI	24MG
44	TI	32S	14N

44	TI	40CA	A
44	TI	40CA	A
44	TI	40CA	6LI
44	TI	40CA	POL
44	TI	40CA	7LI
44	TI	40CA	12C
44	TI	40CA	13C
44	TI	40CA	16O
44	TI	40CA	20NE
44	TI	40CA	32S
44	TI	42CA	3HE
44	TI	42CA	16O
44	TI	46TI	P
44	V	44CR	EC
45	AR	45CL	B-
45	AR	46CL	B-N
45	AR	2H	44AR
45	AR	9BE	46AR
45	AR	9BE	48CA
45	AR	48CA	A
45	CA	45K	B-
45	CA	36S	14C
45	CA	44CA	POL
45	CA	44CA	N
45	CA	44CA	D
45	CA	44CA	D
45	CA	46CA	D
45	CA	48CA	3HE
45	CA	48TI	N
45	CL	1H	46AR
45	CL	9BE	48CA
45	CL	COULOMB	EXCITATION
45	CR	46FE	B+P
45	K	45AR	B-
45	K	46CA	T
45	K	48CA	P
45	SC	45TI	EC
45	SC	28SI	19F
45	SC	30SI	18O
45	SC	42CA	A
45	SC	42CA	A
45	SC	43CA	3HE
45	SC	44CA	P
45	SC	44CA	3HE
45	SC	45SC	G
45	SC	45SC	N
45	SC	45SC	P

45	SC	45SC	P
45	SC	COULOMB	EXCITATION
45	SC	46TI	D
45	SC	48TI	POL
45	SC	TI	MU-
45	SC	45CA	B-
45	SC	MUONIC	ATOM
45	SC	27AL	18O
45	SC	45SC	IT
45	SC	44CA	16O
45	SC	45SC	E+
45	SC	45SC	3HE
45	SC	47TI	D
45	SC	48TI	P
45	SC	48TI	P
45	TI	45V	B+
45	TI		HI
45	TI	24MG	24MG
45	TI	30SI	18O
45	TI	42CA	A
45	TI	44CA	POL
45	TI	45SC	P
45	TI	45SC	3HE
45	TI	46TI	P
45	TI	44TI	N
45	V	45CR	B+
45	V	46MN	B+P
45	V	24MG	24MG
45	V	40CA	7LI
46	AR	46CL	B-
46	AR	COULOMB	EXCITATION
46	AR	48CA	6LI
46	AR	48CA	14C
46	AR	48CA	48CA
46	CA	46K	B-
46	CA	46K	B-
46	CA	44CA	T
46	CA	44CA	T
46	CA	44CA	A
46	CA	46CA	E
46	CA	46CA	P
46	CA	46CA	D
46	CA	COULOMB	EXCITATION
46	CA	48CA	P
46	CA	48CA	P
46	CA	48CA	A
46	CA	48TI	14C

46	CL	9BE	48K
46	CR	46MN	EC
46	CR	47FE	ECP
46	CR	12C	36AR
46	CR	COULOMB	EXCITATION
46	FE	48NI	2P
46	K	46AR	B-
46	K	48CA	P
46	K	48CA	D
46	K	48CA	POL
46	MN	46FE	EC
46	S	9BE	46CL
46	SC	46SC	IT
46	SC	43CA	A
46	SC	44CA	3HE
46	SC	44CA	A
46	SC	45SC	N
46	SC	45SC	D
46	SC	45SC	D
46	SC	45SC	T
46	SC	46CA	3HE
46	SC	46TI	T
46	SC	47TI	D
46	SC	48TI	P
46	SC	48TI	D
46	SC	48TI	POL
46	SC	TI	MU-
46	TI	46SC	B-
46	TI	46V	B+
46	TI	12C	40CA
46	TI	28SI	28SI
46	TI	32S	16O
46	TI	39K	12C
46	TI	40AR	9BE
46	TI	40CA	9BE
46	TI	42CA	6LI
46	TI	43CA	A
46	TI	44CA	3HE
46	TI	44CA	16O
46	TI	45SC	P
46	TI	45SC	P
46	TI	45SC	3HE
46	TI	45SC	A
46	TI	45SC	16O
46	TI	46TI	G
46	TI	46TI	E
46	TI	46TI	E

46	TI	46TI	N
46	TI	46TI	N
46	TI	46TI	P
46	TI	46TI	P
46	TI	46TI	D
46	TI	46TI	3HE
46	TI	46TI	A
46	TI	COULOMB	EXCITATION
46	TI	47TI	P
46	TI	47TI	D
46	TI	47TI	3HE
46	TI	48TI	P
46	V	46V	IT
46	V	46CR	B+
46	V	28SI	24MG
46	V	32S	16O
46	V	40CA	9BE
46	V	46TI	P
46	V	46TI	P
46	V	46TI	3HE
47	AR	2H	46AR
47	CA	47K	B-
47	CA	46CA	N
47	CA	46CA	D
47	CA	48CA	E
47	CA	48CA	P
47	CA	48CA	P
47	CA	48CA	P
47	CA	48CA	3HE
47	CA	48CA	3HE
47	CA	48CA	12C
47	CA	48CA	48CA
47	CR	47MN	B+
47	CR	48FE	B+P
47	CR	10B	40CA
47	CR	24MG	28SI
47	CR	50CR	3HE
47	K	47AR	B-
47	K	48CA	MU
47	K	48CA	E
47	K	48CA	D
47	K	48CA	48CA
47	K	198PT	48CA
47	MN	47FE	B+
47	SC	47CA	B-
47	SC	36S	14C
47	SC	44CA	A

47	SC	45SC	T
47	SC	46CA	P
47	SC	46CA	3HE
47	SC	48TI	MU-
47	SC	48TI	D
47	SC	48TI	T
47	SC	49TI	D
47	SC	50TI	P
47	TI	47SC	B-
47	TI	47V	B+
47	TI	10B	40CA
47	TI	44CA	A
47	TI	45SC	3HE
47	TI	45SC	A
47	TI	46TI	N
47	TI	46TI	D
47	TI	46TI	D
47	TI	46TI	D
47	TI	47TI	G
47	TI	TI	N
47	TI	COULOMB	EXCITATION
47	TI	48TI	P
47	TI	48TI	D
47	TI	48TI	3HE
47	TI	48TI	A
47	TI	50V	P
47	TI	MUONIC	ATOM
47	V	47CR	B+
47	V	48MN	ECP
47	V	10B	40CA
47	V	24MG	28SI
47	V	28SI	28SI
47	V	28SI	28SI
47	V	46TI	P
47	V	46TI	D
47	V	46TI	16O
47	V	47TI	P
47	V	47TI	3HE
47	V	50CR	P
47	V	46TI	P
47	V	46TI	P
48	AR	9BE	48K
48	AR	48CA	238U
48	AR	COULOMB	EXCITATION
48	CA	48K	B-
48	CA	49K	B-N
48	CA	46CA	T

48	CA	48CA	G
48	CA	48CA	E
48	CA	48CA	E
48	CA	48CA	PI-
48	CA	48CA	N
48	CA	48CA	P
48	CA	48CA	POL
48	CA	48CA	P
48	CA	48CA	D
48	CA	48CA	3HE
48	CA	48CA	A
48	CA	48CA	A
48	CA	48CA	A
48	CA	48CA	6LI
48	CA	48CA	16O
48	CA	48CA	48CA
48	CR	48MN	B+
48	CR	49FE	B+P
48	CR	10B	40CA
48	CR	24MG	32S
48	CR	28SI	28SI
48	CR	34S	16O
48	CR	36AR	14N
48	CR	46TI	3HE
48	CR	46TI	3HE
48	CR	48TI	PI+
48	CR	50CR	P
48	FE	49NI	ECP
48	FE	9BE	49FE
48	K	48CA	7LI
48	K	48CA	14C
48	K	198PT	48CA
48	K	238U	48CA
48	MN	48FE	EC
48	MN	50NI	EC2P
48	MN	10B	40CA
48	SC	48CA	B-
48	SC	46CA	3HE
48	SC	46CA	A
48	SC	48CA	P
48	SC	48CA	P
48	SC	48CA	3HE
48	SC	48CA	6LI
48	SC	48TI	MU-
48	SC	48TI	D
48	SC	48TI	T
48	SC	48TI	7LI

48	SC	49TI	D
48	SC	49TI	T
48	SC	50TI	P
48	SC	50TI	D
48	TI	48SC	B-
48	TI	48V	EC
48	TI	48CA	2B-
48	TI	9BE	49V
48	TI	27AL	24MG
48	TI	36S	14C
48	TI	44CA	6LI
48	TI	44CA	7LI
48	TI	45SC	A
48	TI	45SC	A
48	TI	46TI	T
48	TI	47TI	N
48	TI	47TI	D
48	TI	48CA	PI+
48	TI	48CA	3HE
48	TI	48TI	G
48	TI	48TI	E
48	TI	48TI	PI+
48	TI	48TI	N
48	TI	48TI	N
48	TI	48TI	P
48	TI	48TI	P
48	TI	48TI	D
48	TI	48TI	3HE
48	TI	48TI	A
48	TI	49TI	P
48	TI	49TI	D
48	TI	49TI	3HE
48	TI	50TI	P
48	TI	50V	D
48	TI	50CR	14C
48	TI	51V	P
48	TI	COULOMB	EXCITATION
48	TI	INELASTIC	SCATTERING:GIAN'
48	V	48CR	EC
48	V	10B	40CA
48	V	27AL	27AL
48	V	28SI	24MG
48	V	34S	16O
48	V	45SC	A
48	V	46TI	3HE
48	V	46TI	3HE
48	V	46TI	A

48	V	47TI	P
48	V	47TI	P
48	V	47TI	3HE
48	V	48TI	P
48	V	48TI	P
48	V	48TI	P
48	V	48TI	3HE
48	V	50CR	P
48	V	50CR	D
49	CA	49K	B-
49	CA	50K	B-N
49	CA	2H	48CA
49	CA	48CA	N
49	CA	48CA	N
49	CA	48CA	D
49	CA	48CA	D
49	CA	48CA	T
49	CA	48CA	48CA
49	CR	49MN	B+
49	CR	12C	40CA
49	CR	46TI	A
49	CR	50CR	P
49	FE	50NI	B+P
49	K	50AR	B-N
49	K	238U	48CA
49	MN	49FE	B+
49	MN	50CO	B+P
49	MN	12C	40CA
49	MN	24MG	28SI
49	MN	54FE	P
49	SC	49CA	B-
49	SC	46CA	A
49	SC	48CA	P
49	SC	48CA	P
49	SC	48CA	P
49	SC	48CA	D
49	SC	48CA	7LI
49	SC	48CA	15N
49	SC	48CA	48CA
49	SC	50TI	D
49	SC	48CA	P
49	SC	48CA	P
49	TI	49SC	B-
49	TI	49V	EC
49	TI	9BE	46AR
49	TI	47TI	T
49	TI	48CA	P

49	TI	48CA	A
49	TI	TI	N
49	TI	48TI	N
49	TI	TI	N
49	TI	48TI	N
49	TI	48TI	D
49	TI	49TI	G
49	TI	49TI	P
49	TI	COULOMB	EXCITATION
49	TI	50TI	P
49	TI	50V	T
49	TI	51V	D
49	TI	49TI	E
49	V	49CR	B+
49	V	12C	40CA
49	V	46TI	A
49	V	48TI	P
49	V	48TI	3HE
49	V	48TI	16O
49	V	49TI	P
49	V	50CR	T
49	V	51V	P
49	V	52CR	P
49	V	48TI	P
49	V	48TI	P
50	AR	9BE	HI
50	CA	50K	B-
50	CA	51K	B-N
50	CA	52K	B-2N
50	CA	1H	50CA
50	CA	48CA	T
50	CA	48CA	A
50	CA	48CA	238U
50	CA	208PB	48CA
50	CA	238U	48CA
50	CO	50NI	EC
50	CR	50V	B-
50	CR	50MN	EC
50	CR	50MN	EC
50	CR	24MG	32S
50	CR	28SI	28SI
50	CR	40CA	16O
50	CR	48TI	3HE
50	CR	48TI	16O
50	CR	50V	P
50	CR	50CR	G
50	CR	50CR	E

50	CR	50CR	N
50	CR	50CR	P
50	CR	50CR	P
50	CR	50CR	D
50	CR	50CR	3HE
50	CR	50CR	A
50	CR	50CR	A
50	CR	52CR	P
50	CR	54FE	P
50	CR	COULOMB	EXCITATION
50	FE	50CO	EC
50	FE	51NI	ECP
50	FE	28SI	28SI
50	FE	54FE	A
50	FE	PB	50FE
50	K	50AR	B-
50	K	50K	IT
50	MN	50FE	EC
50	MN	24MG	32S
50	MN	28SI	28SI
50	MN	40CA	12C
50	MN	50CR	P
50	MN	50CR	P
50	MN	50CR	3HE
50	SC	50CA	B-
50	SC	50SC	IT
50	SC	48CA	3HE
50	SC	48CA	A
50	SC	48CA	16O
50	SC	50TI	T
50	TI	50SC	B-
50	TI	50SC	B-
50	TI	50V	EC
50	TI	9BE	46AR
50	TI	C	46CA
50	TI	48CA	3HE
50	TI	48CA	A
50	TI	48CA	9BE
50	TI	48CA	16O
50	TI	48TI	T
50	TI	49TI	N
50	TI	49TI	N
50	TI	49TI	D
50	TI	49TI	D
50	TI	50TI	G
50	TI	50TI	E
50	TI	50TI	PI-

50	TI	50TI	P
50	TI	50TI	3HE
50	TI	COULOMB	EXCITATION
50	TI	50V	D
50	TI	51V	E
50	TI	51V	N
50	TI	51V	P
50	TI	51V	D
50	TI	51V	A
50	TI	52CR	14C
50	V	47TI	A
50	V	48TI	T
50	V	48TI	3HE
50	V	48TI	A
50	V	49TI	P
50	V	49TI	3HE
50	V	50TI	P
50	V	50TI	3HE
50	V	50V	P
50	V	50V	D
50	V	COULOMB	EXCITATION
50	V	51V	P
50	V	51V	D
50	V	51V	3HE
50	V	52CR	P
50	V	52CR	D
51	CA	51K	B-
51	CA	52K	B-N
51	CA	53K	B-2N
51	CA	48CA	18O
51	CA	U	P
51	CA	48CA	238U
51	CA	238U	48CA
51	CO	NI	58NI
51	CO	12C	50FE
51	CR	51MN	EC
51	CR	48TI	A
51	CR	49TI	3HE
51	CR		HI
51	CR	50V	3HE
51	CR	50CR	N
51	CR	50CR	D
51	CR	51V	P
51	CR	51V	P
51	CR	51V	3HE
51	CR	52CR	3HE
51	CR	52CR	G

51	CR	52CR	N
51	FE	54FE	3HE
51	FE	24MG	32S
51	FE	28SI	32S
51	FE	52NI	ECP
51	FE	NI	58NI
51	FE	9BE	58NI
51	FE	54FE	3HE
51	FE	24MG	32S
51	FE	28SI	32S
51	FE	52NI	ECP
51	FE	NI	58NI
51	FE	9BE	58NI
51	K	U	P
51	MN	51FE	EC
51	MN		HI
51	MN	50CR	P
51	MN	50CR	D
51	MN	50CR	3HE
51	MN	50CR	3HE
51	MN	54FE	P
51	MN	54FE	P
51	MN	50CR	P
51	MN	24MG	32S
51	MN	28SI	32S
51	MN	U	P
51	NI	NI	58NI
51	SC	51CA	B-
51	SC	48CA	A
51	SC	48CA	48CA
51	SC	48CA	238U
51	SC	208PB	48CA
51	TI	51SC	B-
51	TI	48CA	A
51	TI	48CA	6LI
51	TI	48CA	16O
51	TI	49TI	T
51	TI	50TI	N
51	TI	50TI	D
51	TI	50TI	13C
51	TI	50TI	D
51	TI	51V	D
51	TI	9BE	46AR
51	V		HI
51	V	48TI	A
51	V	50TI	P
51	V	50TI	P

51	V	50TI	3HE
51	V	50TI	3HE
51	V	50V	N
51	V	50V	D
51	V	51V	E
51	V	51V	N
51	V	51V	N
51	V	51V	P
51	V	51V	P
51	V	51V	D
51	V	51V	A
51	V	COULOMB	EXCITATION
51	V	52CR	T
51	V	52CR	13C
51	V	53CR	D
51	V	51TI	B-
51	V	51CR	EC
51	V	48CA	16O
51	V	48TI	A
51	V	50TI	A
51	V	52CR	D
51	V	50TI	16O
51	V	51V	G
51	V	51V	G
51	V	51V	PI
51	V	52CR	N
52	AR	1H	53K
52	CA	52K	B-
52	CA	53K	B-N
52	CA	9BE	54TI
52	CA	48CA	238U
52	CO	52NI	EC
52	CR	52V	B-
52	CR	52MN	EC
52	CR	52MN	EC
52	CR		HI
52	CR	50TI	3HE
52	CR	52CR	P
52	CR	52CR	P
52	CR	50CR	T
52	CR	51V	P
52	CR	51V	3HE
52	CR	51V	3HE
52	CR	55MN	P
52	CR	52CR	G
52	CR	52CR	E
52	CR	52CR	PI+

52	CR	52CR	N
52	CR	52CR	N
52	CR	50V	A
52	CR	50TI	16O
52	CR	52CR	D
52	CR	52CR	3HE
52	CR	52CR	A
52	CR	52CR	7LI
52	CR	52CR	12C
52	CR	52CR	16O
52	CR	COULOMB	EXCITATION
52	CR	50CR	A
52	CR	53CR	P
52	CR	53CR	D
52	CR	53CR	3HE
52	CR	54CR	P
52	CR	55MN	MU-
52	CR	51V	A
52	CR	56FE	D
52	CR	NI	K-
52	FE	53CO	P
52	FE	50CR	3HE
52	FE	50CR	3HE
52	FE	50CR	A
52	FE	54FE	P
52	FE	52CO	EC
52	FE	53NI	ECP
52	FE	28SI	28SI
52	FE	9BE	55NI
52	FE	COULOMB	EXCITATION
52	MN	52MN	IT
52	MN	52FE	EC
52	MN	52FE	EC
52	MN		HI
52	MN	50CR	3HE
52	MN	50CR	A
52	MN	50CR	A
52	MN	51V	3HE
52	MN	52CR	P
52	MN	52CR	P
52	MN	52CR	3HE
52	MN	54FE	P
52	MN	54FE	D
52	MN	54FE	D
52	NI	54ZN	2P
52	NI	9BE	54NI
52	SC	52CA	B-

52	SC	9BE	55V
52	SC	48CA	238U
52	SC	238U	48CA
52	TI	52SC	B-
52	TI	48CA	6LI
52	TI	48CA	7LI
52	TI	48CA	12C
52	TI	48CA	16O
52	TI	50TI	T
52	TI	50TI	T
52	TI	208PB	48CA
52	TI	COULOMB	EXCITATION
52	TI	9BE	48CA
52	TI	12C	48CA
52	V	52TI	B-
52	V	48CA	7LI
52	V	50TI	3HE
52	V	50TI	A
52	V	51V	N
52	V	51V	D
52	V	51V	T
52	V	51V	N
53	CA	53K	B-
53	CA	1H	54CA
53	CA	9BE	55SC
53	CO	53NI	EC
53	CO		HI
53	CR	53V	B-
53	CR		HI
53	CR	50TI	A
53	CR	51V	A
53	CR	52CR	N
53	CR	52CR	N
53	CR	52CR	D
53	CR	53CR	N
53	CR	53CR	P
53	CR	COULOMB	EXCITATION
53	CR	54CR	P
53	CR	54CR	3HE
53	CR	53MN	EC
53	CR	52CR	13C
53	CR	53CR	E
53	CR	53CR	D
53	CR	53CR	A
53	CR	54CR	D
53	CR	55MN	MU-
53	CR	55MN	D

53	CR	51V	A
53	CR	52CR	G
53	FE	53FE	IT
53	FE	53CO	EC
53	FE	53CO	EC
53	FE	28SI	32S
53	FE	50CR	A
53	FE	54FE	P
53	FE	54FE	D
53	FE	54FE	3HE
53	FE	56FE	3HE
53	FE	54FE	G
53	MN	53FE	EC
53	MN		HI
53	MN	50CR	A
53	MN	50CR	A
53	MN	51V	A
53	MN	52CR	P
53	MN	52CR	D
53	MN	52CR	3HE
53	MN	52CR	7LI
53	MN	53CR	P
53	MN	54FE	D
53	MN	55MN	P
53	MN	56FE	P
53	MN	52CR	12C
53	MN	52CR	13C
53	MN	52CR	A
53	MN	53CR	3HE
53	MN	FE	MU-
53	NI	9BE	56NI
53	SC	53CA	B-
53	SC	9BE	54TI
53	SC	48CA	238U
53	TI	208PB	48CA
53	V	53TI	B-
53	V	48CA	11B
53	V	51V	T
54	CA	9BE	76GE
54	CA	BE	55SC
54	CO	54NI	EC
54	CO	55CU	ECP
54	CO	9BE	55NI
54	CO	28SI	28SI
54	CO	28SI	32S
54	CO	28SI	36AR
54	CO	54FE	P

54	CO	54FE	P
54	CO	54FE	3HE
54	CO	54FE	6LI
54	CO	54FE	12C
54	CR	54V	B-
54	CR	54MN	EC
54	CR	48CA	9BE
54	CR	50TI	6LI
54	CR	50TI	16O
54	CR	51V	A
54	CR	52CR	T
54	CR	53CR	N
54	CR	53CR	D
54	CR	54CR	N
54	CR	54CR	N
54	CR	54CR	P
54	CR	52CR	A
54	CR	55MN	N
54	CR	COULOMB	EXCITATION
54	CR	55MN	MU-
54	CR	54CR	A
54	CR	55MN	P
54	CR	55MN	D
54	CR	FE	MU-
54	CR	57FE	N
54	CR	53CR	N
54	CR	54CR	POL
54	CR	12C	48CA
54	CR	56FE	MU-
54	CR	238U	64NI
54	CR	CU	K-
54	FE	54FE	E
54	FE	54FE	P
54	FE	52CR	3HE
54	FE	54FE	N
54	FE	54FE	3HE
54	FE	52CR	16O
54	FE	54FE	PI
54	FE	50CR	6LI
54	FE	54FE	P
54	FE	56FE	P
54	FE	54FE	A
54	FE	54FE	N
54	FE	54FE	POL
54	FE	54FE	POL
54	FE	52CR	A
54	FE	58NI	D

54	FE	40CA	16O
54	FE	45SC	12C
54	FE	54CO	EC
54	FE	50CR	6LI
54	FE	51V	6LI
54	FE	58NI	3HE
54	FE	28SI	28SI
54	FE	50CR	A
54	FE	54FE	G
54	FE	54FE	A
54	FE	COULOMB	EXCITATION
54	FE	54FE	6LI
54	FE	54FE	16O
54	FE	60NI	P
54	FE	NI	PI+
54	FE	NI	K-
54	FE	54CO	EC
54	FE	28SI	36AR
54	FE	54MN	B-
54	FE	9BE	55CO
54	FE	58NI	A
54	MN	7LI	51V
54	MN	48CA	11B
54	MN	51V	A
54	MN	51V	7LI
54	MN	56FE	POL
54	MN	52CR	3HE
54	MN	52CR	A
54	MN	52CR	A
54	MN	53CR	P
54	MN	53CR	D
54	MN	53CR	3HE
54	MN	54FE	N
54	MN	54FE	T
54	MN	55MN	POL
54	MN	52CR	T
54	MN	51V	20NE
54	MN	56FE	MU-
54	MN	55MN	P
54	NI	54NI	IT
54	NI	55ZN	ECP
54	NI	24MG	32S
54	NI	COULOMB	EXCITATION
54	NI	58NI	A
54	NI	9BE	55NI
54	SC	54CA	B-
54	SC	54SC	IT

54	TI	54SC	B-
54	TI	238U	48CA
54	TI	COULOMB	EXCITATION
54	V	48CA	9BE
54	V	54CR	T
54	V	54V	IT
54	V	54TI	B-
54	ZN	NI	58NI
55	CA	1H	56CA
55	CO	55NI	EC
55	CO	54FE	P
55	CO	54FE	P
55	CO	54FE	D
55	CO	54FE	D
55	CO	54FE	3HE
55	CO	54FE	3HE
55	CO	54FE	A
55	CO		HI
55	CO	54FE	7LI
55	CO	54FE	12C
55	CO	58NI	P
55	CO	54FE	16O
55	CR	55V	B-
55	CR	48CA	11B
55	CR	53CR	T
55	CR	54CR	N
55	CR	54CR	D
55	CR	54CR	D
55	CR	54CR	POL
55	FE	55CO	EC
55	FE		HI
55	FE	52CR	A
55	FE	54FE	N
55	FE	54FE	N
55	FE	54FE	D
55	FE	54FE	D
55	FE	54FE	A
55	FE	55MN	P
55	FE	55MN	P
55	FE	56FE	3HE
55	FE	57FE	P
55	FE	56FE	N
55	FE	56FE	P
55	FE	56FE	D
55	FE	54FE	T
55	FE	58NI	N
55	FE	59CO	MU-

55	FE	60NI	P
55	FE	NI	PI
55	FE	NI	K-
55	FE	54FE	13C
55	FE	55MN	P
55	FE	54FE	7LI
55	K	1H	56CA
55	MN	54CR	P
55	MN		HI
55	MN	55CR	B-
55	MN	52CR	A
55	MN	52CR	A
55	MN	54CR	3HE
55	MN	55MN	G
55	MN	55MN	N
55	MN	55MN	P
55	MN	55MN	P
55	MN	COULOMB	EXCITATION
55	MN	55MN	A
55	MN	56FE	D
55	MN	56FE	MU-
55	MN	55MN	N
55	MN	55MN	E
55	MN	51V	6LI
55	MN	56FE	N
55	MN	57FE	P
55	MN	57FE	D
55	MN	54CR	P
55	MN	60NI	PI+
55	MN	60NI	P
55	MN	54CR	D
55	MN	55MN	K-
55	MN	54CR	P
55	MN	56FE	P
55	MN	58FE	P
55	MN	55FE	EC
55	NI	55CU	EC
55	NI	56ZN	ECP
55	NI	1H	55CO
55	NI	1H	56NI
55	NI	9BE	56NI
55	NI	28SI	36AR
55	NI	58NI	3HE
55	NI	COULOMB	EXCITATION
55	SC	9BE	56TI
55	TI	55SC	B-
55	TI	56SC	B-N

55	TI	9BE	48CA
55	TI	9BE	56TI
55	V	55TI	B-
55	V	9BE	48CA
56	CO	56NI	EC
56	CO	50CR	12C
56	CO	54FE	3HE
56	CO	54FE	A
56	CO	54FE	A
56	CO	54FE	16O
56	CO	56FE	P
56	CO	56FE	3HE
56	CO	58NI	P
56	CO	58NI	D
56	CO	58NI	D
56	CO	28SI	32S
56	CR	56V	B-
56	CR	9BE	57CR
56	CR	48CA	11B
56	CR	54CR	T
56	CR	54CR	T
56	CR	54CR	A
56	CR	238U	48CA
56	CR	COULOMB	EXCITATION
56	CU	56ZN	EC
56	CU	1H	56NI
56	CU	2H	56NI
56	FE	56MN	B-
56	FE	56CO	EC
56	FE		HI
56	FE	56FE	P
56	FE	56FE	P
56	FE	54FE	T
56	FE	54FE	A
56	FE	57FE	D
56	FE	55MN	P
56	FE	56FE	N
56	FE	59CO	P
56	FE	56FE	G
56	FE	56FE	E
56	FE	56FE	N
56	FE	52CR	6LI
56	FE	54CR	3HE
56	FE	56FE	D
56	FE	56FE	3HE
56	FE	56FE	A
56	FE	COULOMB	EXCITATION

56	FE	54FE	A
56	FE	56FE	A
56	FE	54FE	A
56	FE	58FE	P
56	FE	58NI	14C
56	FE	55MN	A
56	FE	60NI	3HE
56	FE	59NI	N
56	FE	NI	PI+
56	FE	60NI	P
56	FE	56FE	PI
56	FE	58NI	MU-
56	FE	GD	56FE
56	MN	55MN	N
56	MN	55MN	D
56	MN	58FE	D
56	MN	54CR	3HE
56	MN	56CR	B-
56	MN	48CA	11B
56	MN	56FE	12C
56	MN	56FE	T
56	MN	54CR	A
56	MN	56FE	MU-
56	NI	58NI	P
56	NI	54FE	3HE
56	NI	54FE	16O
56	NI	56CU	EC
56	NI	9BE	57NI
56	NI	28SI	32S
56	NI	28SI	36AR
56	NI	40CA	28SI
56	NI	56NI	D
56	NI	57ZN	ECP
56	NI	COULOMB	EXCITATION
56	SC	56SC	IT
56	TI	56SC	B-
56	TI	56SC	B-
56	TI	56SC	B-
56	TI	238U	48CA
56	TI	COULOMB	EXCITATION
56	V	56TI	B-
56	ZN	9BE	57ZN
57	CO	57NI	B+
57	CO	54FE	A
57	CO	56FE	P
57	CO	56FE	P
57	CO	56FE	3HE

57	CO	58NI	D
57	CO	48TI	12C
57	CO	56FE	7LI
57	CO	55MN	A
57	CO	56FE	D
57	CO	57FE	P
57	CO	58NI	T
57	CO	60NI	P
57	CO	40CA	20NE
57	CO	59CO	P
57	CO	57FE	3HE
57	CO	58NI	G
57	CO	58NI	G
57	CR	57V	B-
57	CR	14C	48CA
57	CU	58NI	7LI
57	CU	57ZN	B+
57	CU	1H	58NI
57	FE	57MN	B-
57	FE	57CO	EC
57	FE	57FE	G
57	FE	48CA	13C
57	FE	56FE	N
57	FE	54CR	A
57	FE	55MN	T
57	FE	55MN	A
57	FE	56FE	N
57	FE	56FE	N
57	FE	56FE	D
57	FE	56FE	POL
57	FE	56FE	D
57	FE	COULOMB	EXCITATION
57	FE	58FE	P
57	FE	59CO	MU-
57	FE	58NI	14C
57	FE	60NI	P
57	MN	57CR	B-
57	MN	48CA	13C
57	MN	54CR	A
57	MN	55MN	T
57	MN	57FE	N
57	MN	58FE	D
57	MN	62NI	P
57	NI	57CU	B+
57	NI	58NI	POL
57	NI	59NI	P
57	NI	54FE	A

57	NI	58NI	P
57	NI	58NI	3HE
57	NI	58NI	3HE
57	NI	40CA	20NE
57	NI	58NI	G
57	NI	58NI	G
57	NI	2H	56NI
57	TI	57SC	B-
57	V	57TI	B-
57	V	238U	64NI
57	ZN	40CA	20NE
58	CO	58CO	IT
58	CO	51V	10B
58	CO	55MN	A
58	CO	56FE	T
58	CO	56FE	3HE
58	CO	56FE	3HE
58	CO	56FE	A
58	CO	57FE	P
58	CO	57FE	D
58	CO	57FE	3HE
58	CO	58FE	P
58	CO	58FE	3HE
58	CO	58NI	D
58	CO	58NI	T
58	CO	59CO	N
58	CO	59CO	P
58	CO	59CO	D
58	CO	59CO	3HE
58	CO	60NI	D
58	CR	58V	B-
58	CR	COULOMB	EXCITATION
58	CR	238U	48CA
58	CR	238U	64NI
58	CU	58ZN	EC
58	CU	28SI	36AR
58	CU	58NI	P
58	CU	58NI	P
58	CU	58NI	3HE
58	CU	58NI	6LI
58	FE	58MN	B-
58	FE	58MN	B-
58	FE	58CO	EC
58	FE	48CA	13C
58	FE	54CR	6LI
58	FE	55MN	A
58	FE	56FE	T

58	FE	56FE	A
58	FE	57FE	N
58	FE	57FE	N
58	FE	57FE	D
58	FE	58FE	E
58	FE	58FE	N
58	FE	58FE	P
58	FE	58FE	D
58	FE	58FE	3HE
58	FE	58FE	A
58	FE	COULOMB	EXCITATION
58	FE	59CO	G
58	FE	59CO	MU-
58	FE	59CO	N
58	FE	59CO	P
58	FE	59CO	D
58	FE	62NI	3HE
58	FE	60NI	MU-
58	FE	CU	K-
58	MN	58CR	B-
58	MN	58MN	IT
58	MN	13C	48CA
58	MN	48CA	13C
58	MN	58FE	T
58	MN	238U	70ZN
58	NI	58CU	EC
58	NI	59ZN	ECP
58	NI	28SI	36AR
58	NI	28SI	36AR
58	NI	40CA	24MG
58	NI	45SC	16O
58	NI	48TI	12C
58	NI	54FE	6LI
58	NI	54FE	7LI
58	NI	54FE	12C
58	NI	54FE	16O
58	NI	56FE	3HE
58	NI	56FE	A
58	NI	58NI	G
58	NI	58NI	E
58	NI	58NI	N
58	NI	58NI	P
58	NI	58NI	D
58	NI	58NI	3HE
58	NI	58NI	A
58	NI	58NI	6LI
58	NI	COULOMB	EXCITATION

58	NI	60NI	P
58	NI	NI	K-
58	NI	58NI	16O
58	NI	58NI	18O
58	TI	58SC	B-
58	TI	1H	58TI
58	TI	9BE	61V
58	V	58TI	B-
58	ZN	2H	57CU
59	CO	59FE	B-
59	CO	59NI	EC
59	CO	48CA	15N
59	CO	56FE	A
59	CO	56FE	A
59	CO	58FE	P
59	CO	58FE	P
59	CO	58FE	P
59	CO	58FE	3HE
59	CO	58FE	A
59	CO	59CO	G
59	CO	59CO	E
59	CO	59CO	P
59	CO	59CO	P
59	CO	59CO	N
59	CO	59CO	N
59	CO	59CO	D
59	CO	59CO	G
59	CO	59CO	A
59	CO	COULOMB	EXCITATION
59	CO	60NI	N
59	CO	60NI	MU-
59	CO	60NI	T
59	CO	60NI	D
59	CO	62NI	P
59	CR	59V	B-
59	CR	59CR	IT
59	CR	13C	48CA
59	CU	59ZN	EC
59	CU	58NI	P
59	CU	58NI	P
59	CU	58NI	D
59	CU	58NI	3HE
59	CU	58NI	3HE
59	CU	58NI	3HE
59	CU	58NI	A
59	CU	58NI	12C
59	CU	58NI	16O

59	CU	59CO	PI+
59	CU	40CA	28SI
59	FE	59MN	B-
59	FE	13C	48CA
59	FE	48CA	15N
59	FE	57FE	T
59	FE	58FE	N
59	FE	58FE	N
59	FE	58FE	D
59	FE	58FE	D
59	FE	60NI	14C
59	MN	59CR	B-
59	MN	13C	48CA
59	MN	59CO	PI-
59	MN	64NI	3HE
59	MN	238U	70ZN
59	NI	59CU	EC
59	NI	40CA	29SI
59	NI	50CR	12C
59	NI	56FE	A
59	NI	56FE	6LI
59	NI	58NI	N
59	NI	58NI	N
59	NI	58NI	N
59	NI	58NI	POL
59	NI	58NI	14C
59	NI	58NI	16O
59	NI	58NI	D
59	NI	58NI	POL
59	NI	58NI	3HE
59	NI	58NI	A
59	NI	59CO	P
59	NI	59CO	P
59	NI	60NI	P
59	NI	60NI	D
59	NI	60NI	3HE
59	NI	161DY	58NI
59	TI	BE	238U
59	TI	TA	86KR
59	TI	58NI	76GA
60	CO	59CO	D
60	CO	59CO	N
60	CO	59CO	N
60	CO	62NI	D
60	CO	58FE	3HE
60	CO	48CA	15N
60	CO	57FE	A

60	CO	57FE	A
60	CO	61NI	D
60	CO	60CO	IT
60	CO	60FE	B-
60	CO	59CO	N
60	CR	60V	B-
60	CR	61V	B-N
60	CR	14C	48CA
60	CR	COULOMB	EXCITATION
60	CR	1H	60CR
60	CR	238U	64NI
60	CU	60ZN	EC
60	CU	58NI	3HE
60	CU	60NI	3HE
60	CU	58NI	3HE
60	CU	58NI	A
60	CU	58NI	A
60	CU	60NI	P
60	CU	58NI	16O
60	CU	63CU	G
60	CU	40CA	24MG
60	CU	60NI	P
60	CU	60NI	PI+
60	CU	59CO	3HE
60	CU	58NI	32S
60	FE	60MN	B-
60	FE	60MN	B-
60	FE	14C	48CA
60	FE	58FE	T
60	FE	58FE	T
60	FE	64NI	D
60	FE	48CA	15N
60	FE	58FE	A
60	FE	64NI	3HE
60	FE	62NI	14C
60	FE	208PB	64NI
60	FE	64NI	238U
60	MN	60CR	B-
60	MN	60MN	IT
60	MN	14C	48CA
60	MN	238U	70ZN
60	NI	60CO	B-
60	NI	60CO	B-
60	NI	60CU	EC
60	NI	60NI	P
60	NI	28SI	36AR
60	NI	59NI	N

60	NI	60NI	P
60	NI	59CO	P
60	NI	28SI	35CL
60	NI	58NI	T
60	NI	61NI	P
60	NI	62NI	P
60	NI	59CO	3HE
60	NI	59CO	A
60	NI	59CO	3HE
60	NI	58NI	A
60	NI	60NI	E
60	NI	60NI	D
60	NI	60NI	A
60	NI	56FE	6LI
60	NI	56FE	7LI
60	NI	58NI	A
60	NI	58NI	12C
60	NI	60NI	16O
60	NI	50CR	12C
60	NI	51V	12C
60	NI	56FE	16O
60	NI	60NI	N
60	NI	60NI	PI+
60	NI	64ZN	D
60	NI	58FE	16O
60	NI	60NI	G
60	NI	60NI	N
60	NI	61NI	3HE
60	NI	60NI	3HE
60	NI	COULOMB	EXCITATION
60	NI	60NI	POL
60	NI	60NI	G
60	TI	9BE	61V
60	V	60TI	B-
60	V	60V	IT
60	ZN	60GA	EC
60	ZN	61GE	ECP
60	ZN	58NI	3HE
60	ZN	58NI	12C
60	ZN	58NI	3HE
60	ZN	58NI	16O
60	ZN	40CA	28SI
61	CO	61FE	B-
61	CO	16O	48CA
61	CO	59CO	T
61	CO	60CO	N
61	CO	62NI	D

61	CO	62NI	T
61	CO	64NI	P
61	CO	64NI	P
61	CO	238U	70ZN
61	CR	61V	B-
61	CU	61ZN	EC
61	CU	28SI	36AR
61	CU	40CA	24MG
61	CU	40CA	28SI
61	CU	58NI	A
61	CU	58NI	A
61	CU	58NI	16O
61	CU	59CO	3HE
61	CU	60NI	P
61	CU	60NI	P
61	CU	60NI	D
61	CU	60NI	3HE
61	CU	60NI	A
61	CU	61NI	P
61	CU	61NI	P
61	CU	63CU	P
61	CU	64ZN	P
61	FE	61MN	B-
61	FE	9BE	64NI
61	FE	COULOMB	EXCITATION
61	FE	64NI	A
61	FE	238U	64NI
61	FE	238U	64NI
61	GA	61GE	EC
61	GA	24MG	40CA
61	MN	61CR	B-
61	MN	COULOMB	EXCITATION
61	MN	238U	64NI
61	MN	238U	70ZN
61	NI	61CO	B-
61	NI	61CU	EC
61	NI	58FE	A
61	NI	59CO	3HE
61	NI	59CO	7LI
61	NI	59NI	T
61	NI	60NI	N
61	NI	60NI	N
61	NI	60NI	N
61	NI	60NI	D
61	NI	60NI	A
61	NI	60NI	14C
61	NI	61NI	G

61	NI	61NI	N
61	NI	61NI	P
61	NI	61NI	P
61	NI	61NI	D
61	NI	61NI	3HE
61	NI	COULOMB	EXCITATION
61	NI	62NI	P
61	NI	62NI	D
61	NI	62NI	3HE
61	NI	63CU	D
61	NI	64ZN	N
61	NI	116SN	60NI
61	TI	9BE	238U
61	ZN	61GA	EC
61	ZN	28SI	36AR
61	ZN	40CA	24MG
61	ZN	58NI	A
61	ZN	58NI	16O
61	ZN	58NI	6LI
61	ZN	64ZN	3HE
62	CO	62FE	B-
62	CO	48CA	18O
62	CO	62NI	T
62	CO	64NI	D
62	CR	62V	B-
62	CR	63V	B-N
62	CR	1H	62CR
62	CR	9BE	62CR
62	CU	62ZN	EC
62	CU	50CR	16O
62	CU	52CR	16O
62	CU	59CO	A
62	CU	60NI	A
62	CU	60NI	A
62	CU	61NI	P
62	CU	61NI	3HE
62	CU	62NI	P
62	CU	62NI	P
62	CU	62NI	3HE
62	CU	63CU	N
62	CU	63CU	D
62	CU	63CU	3HE
62	CU	64ZN	P
62	CU	64ZN	D
62	FE	62MN	B-
62	FE	62MN	B-
62	FE	9BE	62FE

62	FE	64NI	18O
62	FE	197AU	62FE
62	FE	208PB	64NI
62	FE	238U	64NI
62	GA	40CA	24MG
62	GA	40CA	24MG
62	GE	24MG	40CA
62	MN	62CR	B-
62	MN	NI	86KR
62	MN	238U	64NI
62	MN	238U	70ZN
62	NI	62CO	B-
62	NI	62CO	B-
62	NI	62CU	EC
62	NI	48CA	18O
62	NI	58FE	6LI
62	NI	59CO	A
62	NI	60NI	T
62	NI	60NI	A
62	NI	60NI	12C
62	NI	61NI	N
62	NI	61NI	N
62	NI	61NI	D
62	NI	62NI	G
62	NI	62NI	E
62	NI	62NI	N
62	NI	62NI	P
62	NI	62NI	P
62	NI	62NI	D
62	NI	62NI	A
62	NI	COULOMB	EXCITATION
62	NI	63CU	N
62	NI	63CU	D
62	NI	64NI	P
62	NI	65CU	P
62	NI	58FE	16O
62	NI	62NI	3HE
62	NI	63CU	N
62	NI	63CU	6LI
62	NI	64ZN	14C
62	NI	66ZN	A
62	ZN	62GA	EC
62	ZN	40CA	28SI
62	ZN	40CA	28SI
62	ZN	58NI	6LI
62	ZN	58NI	6LI
62	ZN	58NI	7LI

62	ZN	58NI	12C
62	ZN	58NI	16O
62	ZN	60NI	3HE
62	ZN	60NI	A
62	ZN	60NI	12C
62	ZN	60NI	16O
62	ZN	61NI	3HE
62	ZN	COULOMB	EXCITATION
62	ZN	63CU	P
62	ZN	64ZN	P
63	CO	63FE	B-
63	CO	64NI	D
63	CO	64NI	T
63	CO	18O	48CA
63	CO	64NI	D
63	CU	62NI	P
63	CU	62NI	P
63	CU	62NI	D
63	CU	62NI	3HE
63	CU	62NI	7LI
63	CU	62NI	12C
63	CU	62NI	16O
63	CU	63CU	G
63	CU	63CU	N
63	CU	63CU	P
63	CU	63CU	P
63	CU	63CU	A
63	CU	COULOMB	EXCITATION
63	CU	64ZN	D
63	CU	64ZN	T
63	CU	65CU	P
63	CU	63ZN	EC
63	CU	63NI	B-
63	CU	60NI	A
63	CU	60NI	19F
63	CU	61NI	A
63	CU		HI
63	CU	64ZN	D
63	CU	60NI	A
63	FE	238U	64NI
63	FE	63MN	B-
63	MN	63CR	B-
63	NI	63CO	B-
63	NI	48CA	18O
63	NI	62NI	N
63	NI	62NI	D
63	NI	62NI	D

63	NI	64NI	P
63	NI	64NI	D
63	NI	64NI	3HE
63	NI	65CU	D
63	ZN	63GA	EC
63	ZN	60NI	A
63	ZN	63CU	P
63	ZN	63CU	P
63	ZN	64ZN	P
63	ZN	64ZN	POL
63	ZN	64ZN	3HE
64	CO	64FE	B-
64	CO	64NI	D
64	CO	64NI	T
64	CO	198PT	76GE
64	CO	238U	70ZN
64	CR	64V	B-
64	CR	9BE	64CR
64	CR	9BE	65MN
64	CR	9BE	66FE
64	CR	COULOMB	EXCITATION
64	CU	61NI	A
64	CU	59CO	7LI
64	CU	61NI	A
64	CU	62NI	3HE
64	CU	62NI	A
64	CU	62NI	A
64	CU	63CU	N
64	CU	63CU	N
64	CU	63CU	N
64	CU	63CU	N
64	CU	63CU	N
64	CU	63CU	N
64	CU	63CU	D
64	CU	63CU	D
64	CU	64NI	P
64	CU	64NI	P
64	CU	64NI	3HE
64	CU	64NI	6LI
64	CU	COULOMB	EXCITATION
64	CU	64ZN	N
64	CU	64ZN	D
64	CU	64ZN	T
64	CU	65CU	P
64	CU	65CU	D
64	CU	66ZN	D
64	CU	67ZN	P

64	FE	64MN	B-
64	FE	65MN	B-N
64	FE	64NI	238U
64	FE	238U	64NI
64	GA	64GE	EC
64	GA	54FE	12C
64	GA	64ZN	P
64	GA	64ZN	P
64	GA	64ZN	3HE
64	GE	64AS	EC
64	GE	65SE	ECP
64	GE	12C	54FE
64	GE	40CA	32S
64	MN	64CR	B-
64	MN	64MN	IT
64	NI	64CO	B-
64	NI	64CU	EC
64	NI	62NI	T
64	NI	62NI	A
64	NI	62NI	12C
64	NI	62NI	18O
64	NI	63NI	N
64	NI	63NI	N
64	NI	64NI	E
64	NI	64NI	PI+
64	NI	64NI	PI
64	NI	64NI	N
64	NI	64NI	N
64	NI	64NI	P
64	NI	64NI	P
64	NI	64NI	D
64	NI	64NI	3HE
64	NI	64NI	A
64	NI	64NI	A
64	NI	64NI	X
64	NI	65CU	D
64	NI	65CU	T
64	NI	67ZN	N
64	NI	68ZN	D
64	NI	208PB	64NI
64	NI	238U	64NI
64	NI	238U	70ZN
64	NI	COULOMB	EXCITATION
64	NI	MUONIC	ATOM
64	V	9BE	76GE
64	V	9BE	238U
64	ZN	64CU	B-

64	ZN	64GA	EC
64	ZN	12C	54FE
64	ZN	40CA	28SI
64	ZN	40CA	28SI
64	ZN	40CA	28SI
64	ZN	51V	16O
64	ZN	60NI	6LI
64	ZN	60NI	7LI
64	ZN	60NI	16O
64	ZN	61NI	A
64	ZN	61NI	A
64	ZN	62NI	12C
64	ZN	62NI	3HE
64	ZN	63CU	P
64	ZN	63CU	P
64	ZN	63CU	P
64	ZN	63CU	P
64	ZN	63CU	P
64	ZN	63CU	P
64	ZN	63CU	D
64	ZN	63CU	3HE
64	ZN	63CU	A
64	ZN	64ZN	G
64	ZN	64ZN	E
64	ZN	64ZN	MU-
64	ZN	64ZN	N
64	ZN	64ZN	N
64	ZN	64ZN	P
64	ZN	64ZN	P
64	ZN	64ZN	D
64	ZN	64ZN	3HE
64	ZN	64ZN	A
64	ZN	64ZN	16O
64	ZN	COULOMB	EXCITATION
64	ZN	66ZN	P
65	AS	65SE	EC
65	CO	65FE	B-
65	CO	65FE	B-
65	CO	238U	64NI
65	CU	65NI	B-
65	CU	65ZN	EC
65	CU	62NI	A
65	CU	63CU	T
65	CU	64NI	P
65	CU	64NI	D
65	CU	64NI	3HE

65	CU	64NI	A
65	CU	64NI	12C
65	CU	65CU	G
65	CU	65CU	E
65	CU	65CU	N
65	CU	65CU	P
65	CU	65CU	P
65	CU	65CU	D
65	CU	65CU	A
65	CU	COULOMB	EXCITATION
65	CU	66ZN	N
65	CU	66ZN	D
65	CU	66ZN	T
65	CU	68ZN	P
65	CU	64NI	P
65	CU	66ZN	POL
65	FE	9BE	76GE
65	FE	238U	64NI
65	GA	65GE	EC
65	GA	63CU	A
65	GA	64ZN	P
65	GA	64ZN	P
65	GA	64ZN	D
65	GA	64ZN	3HE
65	GA	64ZN	A
65	GA	64ZN	7LI
65	GA		HI
65	GA	63CU	A
65	GE		HI
65	MN	65CR	B-
65	NI	65CO	B-
65	NI	64NI	N
65	NI	64NI	D
65	NI	64NI	POL
65	NI	64NI	A
65	NI		HI
65	NI	64NI	D
65	ZN	65GA	EC
65	ZN	62NI	A
65	ZN	64ZN	N
65	ZN	64ZN	N
65	ZN	64ZN	D
65	ZN	65CU	P
65	ZN	65CU	P
65	ZN	66ZN	P
65	ZN	66ZN	3HE
65	ZN	63CU	A

65	ZN	40CA	29SI
65	ZN	52CR	16O
65	ZN	66ZN	D
66	AS		HI
66	AS	40CA	28SI
66	CO	86KR	NI
66	CR	67MN	P
66	CU	66NI	B-
66	CU	65CU	N
66	CU	65CU	N
66	CU	65CU	D
66	CU	65CU	D
66	CU	65CU	A
66	CU	66ZN	T
66	CU	68ZN	D
66	CU	67ZN	T
66	FE	66MN	B-
66	FE	238U	64NI
66	FE	9BE	67CO
66	FE	9BE	68NI
66	GA	66GE	EC
66	GA	56FE	13C
66	GA	63CU	A
66	GA	64ZN	A
66	GA	66ZN	P
66	GA	66ZN	3HE
66	GE	66AS	EC
66	GE		HI
66	GE	64ZN	3HE
66	NI	66CO	B-
66	NI	64NI	T
66	NI	68ZN	14C
66	NI	64NI	A
66	NI		HI
66	SE	9BE	68SE
66	ZN	66CU	B-
66	ZN	66GA	EC
66	ZN	64NI	A
66	ZN	66ZN	P
66	ZN	66ZN	G
66	ZN	66ZN	P
66	ZN	65CU	P
66	ZN	66ZN	N
66	ZN	65CU	P
66	ZN	63CU	A
66	ZN	69GA	P
66	ZN	65CU	D

66	ZN	67ZN	P
66	ZN	68ZN	P
66	ZN	64ZN	T
66	ZN	65CU	3HE
66	ZN	66ZN	A
66	ZN	INELASTIC	SCATTERING
66	ZN	66ZN	E
66	ZN	66ZN	A
66	ZN	COULOMB	EXCITATION
66	ZN	67ZN	D
66	ZN	62NI	6LI
66	ZN	64NI	16O
66	ZN	64NI	3HE
66	ZN	65CU	A
66	ZN	64ZN	A
66	ZN	64NI	12C
66	ZN	63CU	6HE
67	AS	40CA	32S
67	AS	67SE	EC
67	BR	67KR	EC
67	CU	67CU	IT
67	CU	67NI	B-
67	CU	64NI	A
67	CU	65CU	T
67	CU	68ZN	D
67	CU	70ZN	N
67	CU	70ZN	P
67	GA	67GE	EC
67	GA	67ZN	P
67	GA	64ZN	A
67	GA	57FE	12C
67	GA	69GA	P
67	GA	66ZN	D
67	GA	66ZN	3HE
67	GA	66ZN	P
67	GA	66ZN	P
67	GA	67ZN	P
67	GA	12C	58NI
67	GA	46TI	25MG
67	GE	67AS	EC
67	GE	57FE	12C
67	GE	64ZN	A
67	GE	70GE	3HE
67	NI	67CO	B-
67	NI	70ZN	A
67	NI	70ZN	14C
67	NI	208PB	64NI

67	SE	40CA	32S
67	ZN	67CU	B-
67	ZN	67GA	EC
67	ZN	64NI	A
67	ZN	66ZN	D
67	ZN	67ZN	N
67	ZN	68ZN	3HE
67	ZN	68ZN	D
67	ZN	66ZN	POL
67	ZN	COULOMB	EXCITATION
67	ZN	65CU	3HE
67	ZN	68ZN	P
67	ZN	67ZN	A
67	ZN	67ZN	D
67	ZN	67ZN	P
67	ZN	67ZN	G
67	ZN	65CU	A
68	AS	68SE	EC
68	AS	54FE	16O
68	AS	40CA	32S
68	AS	12C	58NI
68	CO	68FE	B-
68	CO	NI	86KR
68	CU	68NI	B-
68	CU	68CU	IT
68	CU	COULOMB	EXCITATION
68	CU	68ZN	T
68	CU	198PT	76GE
68	FE	68MN	B-
68	FE	9BE	69CO
68	GA	68GE	EC
68	GA	65CU	A
68	GA	66ZN	A
68	GA	67ZN	P
68	GA	68ZN	P
68	GA	68ZN	P
68	GA	69GA	D
68	GA	70GE	D
68	GA	55MN	16O
68	GA	198PT	76GE
68	GE	68AS	EC
68	GE	69SE	ECP
68	GE	70GE	P
68	GE	66ZN	12C
68	GE	12C	64ZN
68	GE	64ZN	6LI
68	GE	58NI	12C

68	GE		HI
68	NI	68CO	B-
68	NI	68CO	B-
68	NI	68NI	IT
68	NI	COULOMB	EXCITATION
68	NI	70ZN	14C
68	NI	70ZN	14C
68	NI	130TE	64NI
68	NI	198PT	70ZN
68	NI	NI	86KR
68	SE	12C	58NI
68	SE	58NI	12C
68	SE	40CA	36AR
68	SE	COULOMB	EXCITATION
68	ZN	68CU	B-
68	ZN	68CU	B-
68	ZN	68GA	EC
68	ZN	65CU	A
68	ZN	66ZN	T
68	ZN	67ZN	N
68	ZN	67ZN	D
68	ZN	68ZN	G
68	ZN	68ZN	N
68	ZN	68ZN	P
68	ZN	68ZN	E
68	ZN	COULOMB	EXCITATION
68	ZN	COULOMB	EXCITATION:
68	ZN	70ZN	P
68	ZN	68ZN	A
68	ZN	68ZN	P
68	ZN	68ZN	28SI
68	ZN	68ZN	D
68	ZN	26MG	48CA
68	ZN	65CU	A
68	ZN	64NI	6LI
68	ZN	66ZN	A
68	ZN	69GA	D
68	ZN	208PB	64NI
69	AS	69SE	EC
69	AS	40CA	32S
69	AS	58NI	14N
69	AS	70GE	P
69	AS	54FE	18O
69	BR	69KR	EC
69	CU	69NI	B-
69	CU	69NI	B-
69	CU	70ZN	D

69	CU	70ZN	POL
69	CU	COULOMB	EXCITATION
69	CU		HI
69	CU	U	P
69	GA	69ZN	B-
69	GA	69ZN	B-
69	GA	69GE	EC
69	GA	66ZN	A
69	GA	68ZN	P
69	GA	64NI	7LI
69	GA	71GA	P
69	GA	68ZN	3HE
69	GA	69GA	G
69	GA	69GA	N
69	GA	COULOMB	EXCITATION
69	GA	69GA	P
69	GA	68ZN	P
69	GA	68ZN	D
69	GA	70GE	D
69	GA	69GA	A
69	GE	69GE	IT
69	GE	69GE	IT
69	GE	69AS	EC
69	GE	66ZN	A
69	GE	69GA	P
69	GE	70GE	P
69	GE	70GE	P
69	GE	70GE	D
69	GE	70GE	3HE
69	GE		HI
69	NI	69CO	B-
69	NI	69NI	IT
69	NI	2H	68NI
69	SE	40CA	32S
69	ZN	69CU	B-
69	ZN	69ZN	IT
69	ZN	67ZN	T
69	ZN	68ZN	N
69	ZN	68ZN	D
69	ZN	70ZN	P
69	ZN	70ZN	D
69	ZN	70ZN	3HE
70	AS	70SE	B+
70	AS	9BE	78RB
70	AS	51V	28SI
70	AS	55MN	18O
70	AS	58NI	14N

70	AS	70GE	P
70	BR	70KR	EC
70	BR	9BE	71BR
70	BR	40CA	36AR
70	CO	70FE	B-
70	CO	NI	86KR
70	CU	70NI	B-
70	CU	70CU	IT
70	CU	70CU	IT
70	CU	70ZN	T
70	CU	COULOMB	EXCITATION
70	FE	70MN	B-
70	FE	1H	71CO
70	GA	68ZN	A
70	GA	68ZN	A
70	GA	69GA	N
70	GA	69GA	D
70	GA	69GA	D
70	GA	70ZN	P
70	GA	70ZN	P
70	GA	71GA	D
70	GE	70GA	B-
70	GE	70AS	EC
70	GE	70ZN	2B-
70	GE	12C	66ZN
70	GE	46TI	28SI
70	GE	64NI	12C
70	GE	65CU	7LI
70	GE	66ZN	6LI
70	GE	68ZN	A
70	GE	69GA	P
70	GE	69GA	D
70	GE	69GA	A
70	GE	69GA	3HE
70	GE	COULOMB	EXCITATION
70	GE	70GE	G
70	GE	70GE	POL
70	GE	70GE	N
70	GE	70GE	P
70	GE	70GE	P
70	GE	70GE	D
70	GE	70GE	6LI
70	GE	70GE	A
70	GE	70GE	E
70	GE	72GE	P
70	GE	74SE	D
70	NI	70CO	B-

70	NI	70CO	B-
70	NI	71CO	B-N
70	NI	72CO	B-2N
70	NI	COULOMB	EXCITATION
70	NI	NI	86KR
70	NI	9BE	72NI
70	NI	208PB	70ZN
70	SE	70BR	EC
70	SE	70BR	EC
70	SE	9BE	70SE
70	SE	40CA	40CA
70	SE	40CA	36AR
70	SE	58NI	14N
70	SE	COULOMB	EXCITATION
70	ZN	70CU	B-
70	ZN	70CU	B-
70	ZN	70CU	B-
70	ZN	70GA	EC
70	ZN	68ZN	T
70	ZN	70ZN	P
70	ZN	70ZN	P
70	ZN	70ZN	A
70	ZN	70ZN	N
70	ZN	70ZN	E
70	ZN	COULOMB	EXCITATION
70	ZN	71GA	D
70	ZN	208PB	64NI
70	ZN	238U	76GE
70	ZN	70ZN	D
70	ZN	70ZN	3HE
70	ZN	73GE	N
71	AS	71SE	EC
71	AS	58NI	16O
71	AS	58NI	19F
71	AS	69GA	A
71	AS	70GE	P
71	AS	70GE	P
71	AS	70GE	3HE
71	AS	72GE	P
71	BR	71KR	EC
71	BR	40CA	34S
71	BR	40CA	40CA
71	CU	71NI	B-
71	CU	71NI	B-
71	CU	NI	86KR
71	CU	COULOMB	EXCITATION
71	CU	198PT	76GE

71	CU	238U	64NI
71	GA	71ZN	B-
71	GA	71ZN	B-
71	GA	71GE	EC
71	GA	68ZN	A
71	GA	69GA	T
71	GA	70ZN	POL
71	GA	70ZN	3HE
71	GA	71GA	G
71	GA	71GA	E
71	GA	71GA	N
71	GA	COULOMB	EXCITATION
71	GA	72GE	D
71	GA	74GE	P
71	GA	238U	76GE
71	GE	71GE	IT
71	GE	71AS	EC
71	GE	68ZN	A
71	GE	70GE	N
71	GE	70GE	N
71	GE	70GE	D
71	GE	71GA	P
71	GE	71GA	P
71	GE	71GA	3HE
71	GE	71GA	6LI
71	GE	72GE	P
71	GE	73GE	P
71	NI	71CO	B-
71	NI	72CO	B-N
71	SE	71BR	EC
71	SE	58NI	16O
71	ZN	71CU	B-
71	ZN	70ZN	N
71	ZN	70ZN	D
72	AS	72SE	EC
72	AS	72GE	P
72	AS	72GE	P
72	AS	59CO	19F
72	AS	70GE	A
72	AS	59CO	16O
72	AS	69GA	A
72	AS	62NI	13C
72	AS	47TI	28SI
72	BR	72KR	EC
72	BR	40CA	36AR
72	BR	40CA	40CA
72	BR	58NI	16O

72	BR	58NI	16O
72	BR	72BR	IT
72	CU	72NI	B-
72	CU	NI	86KR
72	GA	72ZN	B-
72	GA	71GA	N
72	GA	73GE	D
72	GA	71GA	D
72	GE	72GA	B-
72	GE	72AS	EC
72	GE	72GE	P
72	GE	71GA	3HE
72	GE	72GE	A
72	GE	74GE	P
72	GE	70GE	T
72	GE	70ZN	A
72	GE	73GE	P
72	GE	72GE	6LI
72	GE	72GE	D
72	GE	68ZN	6LI
72	GE	75AS	P
72	GE	COULOMB	EXCITATION
72	GE	72GE	N
72	GE	70ZN	16O
72	GE	72GE	P
72	GE	69GA	A
72	GE	68ZN	6LI
72	GE	76SE	D
72	GE	72GE	E
72	GE	72GE	16O
72	GE	72GE	A
72	GE	72GE	G
72	KR		HI
72	KR	40CA	40CA
72	KR	40CA	35CL
72	KR	40CA	36AR
72	KR	16O	58NI
72	KR	COULOMB	EXCITATION
72	KR	BE	78KR
72	NI	72CO	B-
72	SE	72BR	EC
72	SE	73KR	ECP
72	SE	70GE	A
72	SE	74SE	P
72	SE		HI
72	SE	54FE	24MG
72	ZN	72CU	B-

72	ZN	208PB	64NI
72	ZN	70ZN	T
72	ZN	COULOMB	EXCITATION
73	AS	73SE	EC
73	AS	73SE	EC
73	AS	64NI	12C
73	AS	71GA	A
73	AS	72GE	P
73	AS	72GE	P
73	AS	72GE	3HE
73	AS	73GE	P
73	AS	73GE	P
73	AS	74SE	D
73	AS	75AS	P
73	BR	73KR	EC
73	BR	40CA	40CA
73	CU	73NI	B-
73	CU	COULOMB	EXCITATION
73	CU	238U	76GE
73	GA	73ZN	B-
73	GA	70ZN	A
73	GA	71GA	T
73	GA	74GE	D
73	GA	238U	76GE
73	GA	COULOMB	EXCITATION
73	GE	73GA	B-
73	GE	73GE	IT
73	GE	73AS	EC
73	GE	70ZN	A
73	GE	70ZN	7LI
73	GE	72GE	N
73	GE	72GE	N
73	GE	72GE	D
73	GE	73GE	G
73	GE	73GE	N
73	GE	73GE	P
73	GE	74GE	P
73	GE	74GE	3HE
73	GE	COULOMB	EXCITATION
73	KR	73KR	IT
73	KR	40CA	36AR
73	KR	40CA	40CA
73	NI	73CO	B-
73	NI	74CO	B-N
73	RB	73SR	EC
73	SE	73SE	IT
73	SE	73BR	EC

73	SE	51V	28SI
73	SE	58NI	19F
73	SE	60NI	16O
73	SE	63CU	16O
73	SE	70GE	A
73	SE	72GE	A
73	ZN	73CU	B-
73	ZN	74CU	B-N
73	ZN	76GE	14C
74	AS	72GE	A
74	AS	72GE	A
74	AS	73GE	3HE
74	AS	74GE	P
74	AS	74GE	P
74	AS	75AS	P
74	BR	74KR	EC
74	BR	74SE	P
74	BR	74SE	3HE
74	BR		HI
74	CU	74NI	B-
74	GA	74ZN	B-
74	GA	74GA	IT
74	GE	74GA	B-
74	GE	74AS	EC
74	GE	70ZN	6LI
74	GE	71GA	A
74	GE	72GE	T
74	GE	72GE	A
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	N
74	GE	73GE	D
74	GE	74GE	G
74	GE	74GE	N
74	GE	74GE	P
74	GE	74GE	POL
74	GE	74GE	A
74	GE	COULOMB	EXCITATION
74	GE	75AS	D
74	GE	76GE	P
74	GE	78SE	D
74	GE	192OS	82SE
74	GE	74GE	6LI

74	GE	74GE	16O
74	GE	75AS	N
74	GE	77SE	N
74	KR	74RB	EC
74	KR	75SR	ECP
74	KR	40CA	40CA
74	KR	58NI	28SI
74	KR	COULOMB	EXCITATION
74	NI	74CO	B-
74	NI	1H	74NI
74	NI	COULOMB	EXCITATION
74	RB	40CA	40CA
74	SE	74AS	B-
74	SE	74BR	EC
74	SE	74BR	EC
74	SE	58NI	19F
74	SE	64NI	12C
74	SE	65CU	12C
74	SE	70GE	A
74	SE	72GE	3HE
74	SE	72GE	16O
74	SE	74SE	P
74	SE	COULOMB	EXCITATION
74	SE	75AS	P
74	SE	76SE	P
74	SR	40CA	36AR
74	ZN	74CU	B-
74	ZN	75CU	B-N
74	ZN	2H	74ZN
74	ZN	COULOMB	EXCITATION
74	ZN	76GE	14C
74	ZN	238U	76GE
75	AS	75GE	B-
75	AS	75GE	B-
75	AS	75AS	IT
75	AS	75SE	EC
75	AS	74GE	P
75	AS	74GE	P
75	AS	74GE	3HE
75	AS	75AS	G
75	AS	75AS	N
75	AS	COULOMB	EXCITATION
75	AS	76SE	D
75	BR	75KR	EC
75	BR	48TI	30SI
75	BR	51V	28SI
75	BR	62NI	16O

75	BR	74SE	P
75	BR	74SE	P
75	CU	BE	86KR
75	CU	BE	238U
75	GA	75ZN	B-
75	GA	76GE	D
75	GA	238U	76GE
75	GE	75GA	B-
75	GE	75GE	IT
75	GE	73GE	T
75	GE	74GE	N
75	GE	74GE	N
75	GE	74GE	D
75	GE	74GE	D
75	GE	74GE	A
75	GE	76GE	P
75	GE	76GE	D
75	GE	76GE	3HE
75	KR	75RB	EC
75	KR	76SR	ECP
75	KR	24MG	54FE
75	KR	40CA	39K
75	KR	40CA	40CA
75	KR	46TI	32S
75	KR	50CR	28SI
75	KR	54FE	24MG
75	KR	74SE	3HE
75	RB	75SR	EC
75	RB	40CA	40CA
75	SE	75BR	EC
75	SE	48TI	30SI
75	SE	59CO	19F
75	SE	72GE	A
75	SE	74SE	N
75	SE	74SE	N
75	SE	74SE	N
75	SE	74SE	N
75	SE	74SE	D
75	SE	75AS	P
75	SE	76SE	P
75	SE	76SE	D
75	SE	76SE	3HE
75	ZN	75CU	B-
75	ZN	76CU	B-N
75	ZN	76GE	14C
76	AS	75AS	N
76	AS	75AS	N

76	AS	75AS	D
76	AS	76GE	P
76	AS	76GE	P
76	BR	76BR	IT
76	BR	76KR	EC
76	BR	76SE	P
76	BR		HI
76	BR	76SE	P
76	GA	76ZN	B-
76	GE	76GA	B-
76	GE	74GE	T
76	GE	74GE	18O
76	GE	76GE	N
76	GE	76GE	N
76	GE	76GE	P
76	GE	76GE	POL
76	GE	76GE	A
76	GE	76GE	16O
76	GE	COULOMB	EXCITATION
76	GE	80SE	D
76	KR	76RB	EC
76	KR		HI
76	KR	77SR	ECP
76	KR	78KR	P
76	KR	78KR	4HE
76	KR	COULOMB	EXCITATION
76	NI	76NI	IT
76	RB	76SR	EC
76	RB		HI
76	SE	76AS	B-
76	SE	76BR	EC
76	SE	76BR	EC
76	SE		HI
76	SE	75AS	3HE
76	SE	75SE	N
76	SE	75AS	P
76	SE	COULOMB	EXCITATION
76	SE	76SE	N
76	SE	76SE	P
76	SE	76SE	P
76	SE	76SE	D
76	SE	77SE	D
76	SE	78SE	P
76	SE	76SE	A
76	SE	76BR	N
76	SE	74GE	16O
76	SE	76SE	G

76	SE	76SE	N
76	SR	24MG	54FE
76	SR	40CA	40CA
76	ZN	76CU	B-
77	AS	77GE	B-
77	AS	77GE	B-
77	AS	77AS	IT
77	AS	76GE	P
77	AS	76GE	3HE
77	AS	76GE	A
77	AS	78SE	MU-
77	AS	78SE	D
77	BR	77KR	EC
77	BR	77BR	IT
77	BR	65CU	16O
77	BR	65CU	18O
77	BR	74GE	6LI
77	BR	75AS	A
77	BR	75AS	A
77	BR	76SE	P
77	BR	76SE	3HE
77	BR	77SE	P
77	CU	77NI	B-
77	CU	9BE	78ZN
77	GA	77ZN	B-
77	GA	77ZN	B-
77	GA	238U	76GE
77	GE	77GA	B-
77	GE	77GE	IT
77	GE	76GE	N
77	GE	76GE	N
77	GE	76GE	POL
77	GE	76GE	A
77	GE	76GE	13C
77	KR	77RB	EC
77	KR	48TI	32S
77	KR	52CR	28SI
77	KR	58NI	29SI
77	KR	63CU	16O
77	KR	63CU	16O
77	KR	78KR	P
77	KR	78KR	POL
77	KR	80KR	3HE
77	RB	77SR	EC
77	RB	40CA	40CA
77	SE	77AS	B-
77	SE	77SE	IT

77	SE	77BR	EC
77	SE	74GE	A
77	SE	76GE	A
77	SE	76SE	N
77	SE	76SE	N
77	SE	76SE	N
77	SE	76SE	N
77	SE	76SE	D
77	SE	76SE	A
77	SE	77SE	G
77	SE	77SE	N
77	SE	77SE	D
77	SE	COULOMB	EXCITATION
77	SE	78SE	P
77	SE	78SE	D
77	SE	78SE	3HE
77	SR	77Y	EC
77	SR	40CA	40CA
77	ZN	77CU	B-
77	ZN	77ZN	IT
77	ZN	78CU	B-N
78	AS	78GE	B-
78	AS	76GE	A
78	AS	78SE	T
78	AS	80SE	D
78	BR	78BR	IT
78	BR	70ZN	11B
78	BR	75AS	A
78	BR	76SE	A
78	BR	77SE	3HE
78	BR	77SE	A
78	BR	78SE	P
78	BR	78SE	P
78	BR	79BR	P
78	GA	78ZN	B-
78	GA	78GA	IT
78	GA	79ZN	B-N
78	GE	78GA	B-
78	GE	79GA	B-N
78	GE	76GE	T
78	GE	COULOMB	EXCITATION
78	GE	82SE	D
78	GE	192OS	82SE
78	KR	78BR	B-
78	KR	78RB	EC
78	KR	78RB	EC
78	KR	58NI	23NA

78	KR	65CU	16O
78	KR	68ZN	12C
78	KR	68ZN	12C
78	KR	76SE	A
78	KR	78KR	P
78	KR	COULOMB	EXCITATION
78	KR	79BR	P
78	KR	80KR	P
78	RB	78RB	IT
78	RB	78SR	EC
78	RB	54FE	28SI
78	RB	54FE	28SI
78	RB	54FE	28SI
78	RB	58NI	23NA
78	RB	64ZN	16O
78	SE	78AS	B-
78	SE	MUONIC	ATOM
78	SE	78BR	EC
78	SE	76GE	A
78	SE	76GE	16O
78	SE	76SE	T
78	SE	77SE	N
78	SE	77SE	N
78	SE	77SE	N
78	SE	77SE	N
78	SE	77SE	N
78	SE	77SE	D
78	SE	78SE	N
78	SE	78SE	P
78	SE	78SE	P
78	SE	78SE	A
78	SE	78SE	D
78	SE	COULOMB	EXCITATION
78	SE	80SE	P
78	SR	78Y	EC
78	SR	78Y	EC
78	SR	58NI	28SI
78	Y	40CA	40CA
78	ZN	78CU	B-
78	ZN	78ZN	IT
78	ZN	79CU	B-N
78	ZN	COULOMB	EXCITATION
79	AS	79GE	B-
79	AS	79GE	B-
79	AS	79AS	IT
79	AS	76GE	A
79	AS	80SE	D

79	AS	80SE	T
79	BR	79SE	B-
79	BR	79SE	B-
79	BR	79BR	IT
79	BR	79KR	EC
79	BR	76GE	6LI
79	BR	76GE	7LI
79	BR	76GE	7LI
79	BR	78SE	P
79	BR	78SE	D
79	BR	78SE	3HE
79	BR	78SE	A
79	BR	79BR	G
79	BR	79BR	N
79	BR	COULOMB	EXCITATION
79	GA	79ZN	B-
79	GA	80ZN	B-N
79	GE	79GA	B-
79	GE	79GE	IT
79	GE	80GA	B-N
79	KR	79KR	IT
79	KR	79RB	EC
79	KR	65CU	18O
79	KR	70ZN	13C
79	KR	77SE	A
79	KR	78KR	POL
79	KR	79BR	P
79	KR	79BR	3HE
79	RB	79SR	EC
79	RB	24MG	58NI
79	RB	58NI	28SI
79	RB	58NI	30SI
79	RB	63CU	19F
79	RB	70GE	12C
79	RB	78KR	3HE
79	SE	79AS	B-
79	SE	79SE	IT
79	SE	76GE	A
79	SE	77SE	T
79	SE	78SE	N
79	SE	78SE	N
79	SE	78SE	N
79	SE	78SE	POL
79	SE	78SE	D
79	SE	78SE	A
79	SE	80SE	P
79	SE	80SE	D

79	SE	80SE	G
79	SR	79Y	EC
79	SR	24MG	58NI
79	SR	54FE	28SI
79	SR	58NI	24MG
79	Y	28SI	54FE
79	ZN	79CU	B-
79	ZN	2H	78ZN
80	AS	80GE	B-
80	AS	80SE	T
80	BR	80BR	IT
80	BR	76GE	7LI
80	BR	79BR	N
80	BR	79BR	N
80	BR	79BR	D
80	BR	80SE	P
80	BR	80SE	P
80	BR	80SE	D
80	BR	81BR	P
80	GA	80ZN	B-
80	GA	81ZN	B-N
80	GE	80GA	B-
80	GE	81GA	B-N
80	GE	COULOMB	EXCITATION
80	GE	82SE	18O
80	GE	198PT	82SE
80	KR	80BR	B-
80	KR	80RB	EC
80	KR	65CU	18O
80	KR	70ZN	12C
80	KR	78SE	A
80	KR	79BR	3HE
80	KR	80KR	P
80	KR	COULOMB	EXCITATION
80	KR	82KR	P
80	RB	80SR	EC
80	RB	51V	32S
80	RB	55MN	28SI
80	RB	65CU	19F
80	RB	68ZN	19F
80	RB	79BR	A
80	SE	80AS	B-
80	SE	MUONIC	ATOM
80	SE	80BR	EC
80	SE	78SE	T
80	SE	80SE	G
80	SE	80SE	P

80	SE	80SE	P
80	SE	80SE	N
80	SE	80SE	N
80	SE	80SE	D
80	SE	80SE	A
80	SE	COULOMB	EXCITATION
80	SE	82SE	P
80	SE	176YB	28SI
80	SR	80Y	EC
80	SR	80Y	EC
80	SR	81ZR	ECP
80	SR	24MG	58NI
80	SR	54FE	29SI
80	SR	58NI	28SI
80	SR	58NI	28SI
80	SR	78KR	3HE
80	Y	80Y	IT
80	Y	80Y	IT
80	Y	80ZR	EC
80	Y		HI
80	ZN	COULOMB	EXCITATION
80	ZR	24MG	58NI
81	AS	81GE	B-
81	AS	82SE	T
81	AS	82SE	D
81	AS	81GE	B-
81	BR	80SE	A
81	BR	80SE	P
81	BR	80SE	3HE
81	BR	81BR	N
81	BR	81SE	B-
81	BR	81SE	B-
81	BR	COULOMB	EXCITATION
81	BR	81KR	EC
81	BR	81KR	EC
81	BR	80SE	P
81	BR	81BR	P
81	BR	80SE	D
81	GA	81ZN	B-
81	GA	238U	82SE
81	GE	81GA	B-
81	GE	82GA	B-N
81	KR	80SE	A
81	KR	78SE	A
81	KR	81BR	P
81	KR	81RB	EC
81	KR	81RB	EC

81	KR	80KR	D
81	KR	73GE	11B
81	KR	81BR	3HE
81	KR	81KR	IT
81	KR	81BR	P
81	RB	81SR	EC
81	RB	55MN	29SI
81	RB	79BR	A
81	RB	65CU	19F
81	RB	78KR	A
81	RB	80KR	3HE
81	RB	81RB	IT
81	RB	53CR	31P
81	RB	68ZN	19F
81	SE	80SE	POL
81	SE	80SE	N
81	SE	82SE	P
81	SE	81AS	B-
81	SE	80SE	N
81	SE	82SE	D
81	SE	81SE	IT
81	SR	81Y	EC
81	SR	55MN	29SI
81	SR	78KR	A
81	SR	58NI	29SI
81	SR	53CR	31P
81	SR	58NI	30SI
81	Y	58NI	28SI
81	Y	58NI	32S
81	ZR	58NI	28SI
82	AS	82GE	B-
82	AS	82SE	T
82	BR	82BR	IT
82	BR	82SE	P
82	BR	81BR	N
82	BR	82SE	P
82	BR	81BR	D
82	BR	80SE	A
82	BR	81BR	N
82	BR	82SE	3HE
82	GA	82ZN	B-
82	GA	83ZN	B-N
82	GE	82GA	B-
82	GE	83GA	B-N
82	GE	248CM	SF
82	GE	COULOMB	EXCITATION
82	GE	192OS	82SE

82	GE	238U	82SE
82	GE	9BE	83AS
82	GE	252CF	SF
82	KR	82RB	EC
82	KR	82RB	EC
82	KR	82BR	B-
82	KR	82BR	B-
82	KR	80SE	A
82	KR		HI
82	KR	79BR	A
82	KR	COULOMB	EXCITATION
82	KR	81BR	3HE
82	KR	82KR	P
82	KR	84KR	P
82	MO	BE	124XE
82	NB	9BE	107AG
82	RB	82SR	EC
82	RB	79BR	A
82	RB	81BR	A
82	RB		HI
82	SE	82AS	B-
82	SE	82AS	B-
82	SE	80SE	T
82	SE	82SE	P
82	SE	82SE	P
82	SE	COULOMB	EXCITATION
82	SE	82SE	D
82	SE	82SE	N
82	SE	82SE	IT
82	SE		HI
82	SR	82Y	B+
82	SR	56FE	29SI
82	SR	52CR	34S
82	SR	70GE	16O
82	SR	84SR	P
82	SR	80KR	A
82	SR	58NI	30SI
82	Y	82ZR	EC
82	Y		HI
82	ZN	9BE	HI
82	ZN	1H	83GA
82	ZR		HI
82	ZR	82NB	EC
83	AS	83GE	B-
83	AS	208PB	18O
83	AS	238U	82SE
83	BR	83SE	B-

83	BR	83SE	B-
83	BR	80SE	A
83	BR	82SE	P
83	BR	82SE	3HE
83	BR	82SE	7LI
83	BR	84KR	POL
83	GE	83GA	B-
83	GE	84GA	B-N
83	GE	2H	82GE
83	KR	83BR	B-
83	KR	83RB	EC
83	KR	83KR	IT
83	KR	76GE	11B
83	KR	80SE	A
83	KR	82SE	A
83	KR	COULOMB	EXCITATION
83	KR	82KR	D
83	KR	84KR	3HE
83	NB	28SI	58NI
83	RB	83SR	EC
83	RB	68ZN	18O
83	RB	76GE	11B
83	RB	80SE	6LI
83	RB	80KR	A
83	RB	82KR	P
83	RB	82KR	3HE
83	RB	82KR	P
83	SE	83AS	B-
83	SE	82SE	POL
83	SE	82SE	N
83	SE	208PB	18O
83	SR	83Y	EC
83	SR	83Y	EC
83	SR	83SR	IT
83	SR	58NI	29SI
83	SR	68ZN	19F
83	SR	74GE	12C
83	SR	80KR	A
83	SR	84SR	3HE
83	SR	84SR	D
83	SR		HI
83	Y	83ZR	EC
83	Y	83Y	IT
83	Y		HI
83	Y	58NI	28SI
83	ZR	83NB	EC
83	ZR	58NI	28SI

83	ZR	54FE	32S
84	AS	84GE	B-
84	AS	85GE	B-N
84	BR	84SE	B-
84	BR	208PB	18O
84	GE	84GA	B-
84	GE	84GA	B-
84	GE	84GA	B-
84	GE	85GA	B-N
84	KR	84BR	B-
84	KR	84BR	B-
84	KR	84RB	EC
84	KR	82SE	A
84	KR	83KR	N
84	KR	84KR	P
84	KR	COULOMB	EXCITATION
84	KR		HI
84	MO	58NI	28SI
84	NB	84NB	IT
84	NB	84MO	EC
84	NB	28SI	58NI
84	NB	58NI	28SI
84	RB	84RB	IT
84	RB	70ZN	18O
84	RB	76GE	11B
84	RB	81BR	A
84	RB	85RB	P
84	RB	86SR	D
84	SE	84AS	B-
84	SE	85AS	B-N
84	SE	252CF	SF
84	SE	82SE	T
84	SE	COULOMB	EXCITATION
84	SE	192OS	82SE
84	SE	9BE	197AU
84	SE	208PB	18O
84	SE	238U	P
84	SE	238U	82SE
84	SR	84RB	B-
84	SR	84Y	EC
84	SR	84Y	EC
84	SR	51V	36S
84	SR	52CR	36S
84	SR	59CO	28SI
84	SR	76GE	12C
84	SR	82KR	3HE
84	SR	82KR	A

84	SR	84SR	P
84	SR	84SR	D
84	SR	84SR	A
84	SR	COULOMB	EXCITATION
84	SR	85RB	P
84	SR	86SR	P
84	Y	84ZR	EC
84	Y	58NI	29SI
84	Y	59CO	28SI
84	Y	84SR	P
84	ZN	1H	85GA
84	ZR	84NB	EC
84	ZR	85MO	ECP
84	ZR		HI
85	AS	85GE	B-
85	AS	86GE	B-N
85	BR	85SE	B-
85	BR	86KR	D
85	BR	192OS	82SE
85	BR	208PB	18O
85	BR	208PB	18O
85	GE	85GA	B-
85	GE	86GA	B-N
85	KR	85BR	B-
85	KR	85KR	IT
85	KR	82SE	A
85	KR	82SE	7LI
85	KR	84KR	N
85	KR	84KR	D
85	KR	86KR	P
85	KR	86KR	D
85	KR	86KR	3HE
85	MO	58NI	32S
85	NB	85NB	IT
85	NB	58NI	40CA
85	RB	85KR	B-
85	RB	85KR	B-
85	RB	85SR	EC
85	RB	85SR	EC
85	RB	76GE	12C
85	RB	82SE	7LI
85	RB	84KR	P
85	RB	84KR	P
85	RB	84KR	3HE
85	RB	85RB	N
85	RB	COULOMB	EXCITATION
85	RB	86SR	D

85	RB	86SR	T
85	RB	88SR	POL
85	SE	85AS	B-
85	SE	86AS	B-N
85	SE	248CM	252CF
85	SE	2H	84SE
85	SE		HI
85	SE	208PB	18O
85	SR	85SR	IT
85	SR	85Y	EC
85	SR	85Y	EC
85	SR	76GE	12C
85	SR	76GE	13C
85	SR	82KR	A
85	SR	84KR	A
85	SR	83KR	3HE
85	SR	84SR	N
85	SR	84SR	D
85	SR	85RB	P
85	SR	86SR	D
85	SR	86SR	3HE
85	SR	86SR	3HE
85	SR	87SR	P
85	Y	85ZR	EC
85	Y	85ZR	EC
85	Y	52CR	37CL
85	Y	72GE	16O
85	Y	84SR	P
85	Y	84SR	P
85	Y	84SR	3HE
85	ZR	85ZR	IT
85	ZR	85NB	EC
85	ZR	85NB	EC
85	ZR	56FE	35CL
85	ZR	58NI	31P
85	ZR	60NI	28SI
86	BR	86SE	B-
86	BR	87SE	B-N
86	BR	208PB	18O
86	GE	86GA	B-
86	KR	86BR	B-
86	KR	86RB	EC
86	KR	87BR	B-N
86	KR	82SE	7LI
86	KR	84KR	T
86	KR	86KR	G
86	KR	86KR	N

86	KR	86KR	P
86	KR	86KR	D
86	KR	COULOMB	EXCITATION
86	KR	87RB	D
86	KR	87RB	T
86	KR	208PB	18O
86	MO	86TC	EC
86	MO	58NI	32S
86	MO	58NI	36AR
86	NB	86MO	EC
86	NB	40CA	50CR
86	NB	58NI	32S
86	RB	86RB	IT
86	RB	82SE	7LI
86	RB	84KR	3HE
86	RB	85RB	N
86	RB	85RB	N
86	RB	85RB	D
86	RB	87RB	D
86	RB	87RB	3HE
86	RB	87RB	G
86	RB	87SR	D
86	RB	88SR	D
86	SE	86AS	B-
86	SE	87AS	B-N
86	SE	248CM	252CF
86	SE	238U	P
86	SE	238U	82SE
86	SR	86RB	B-
86	SR	86Y	EC
86	SR	86Y	EC
86	SR	74GE	18O
86	SR	76GE	13C
86	SR	82SE	9BE
86	SR	84KR	3HE
86	SR	84KR	A
86	SR	85RB	P
86	SR	85RB	3HE
86	SR	86SR	E
86	SR	86SR	G
86	SR	86SR	P
86	SR	86SR	D
86	SR	COULOMB	EXCITATION
86	SR	87SR	P
86	SR	87SR	D
86	SR	88SR	P
86	SR	89Y	MU-

86	SR	89Y	P
86	SR	90ZR	D
86	SR	90ZR	3HE
86	TC	86TC	IT
86	Y	86ZR	EC
86	Y	86Y	IT
86	Y	52CR	37CL
86	Y	76GE	14N
86	Y	76GE	14N
86	Y	85RB	A
86	Y	86SR	3HE
86	ZR	86NB	EC
86	ZR	87MO	ECP
86	ZR	12C	77SE
86	ZR	60NI	29SI
86	ZR	58NI	31P
86	ZR	58NI	32S
86	ZR	84SR	A
87	BR	87SE	B-
87	KR	86KR	D
87	KR	86KR	N
87	KR	86KR	N
87	KR	87BR	B-
87	KR	88BR	B-N
87	KR	208PB	18O
87	KR	238U	82SE
87	KR	2H	86KR
87	MO	58NI	32S
87	NB	58NI	32S
87	NB	87MO	B+
87	RB	COULOMB	EXCITATION
87	RB	86KR	P
87	RB	86KR	3HE
87	RB	87KR	B-
87	RB	87RB	N
87	RB	87RB	P
87	RB	88SR	D
87	RB	87SR	EC
87	RB	192OS	82SE
87	RB	176YB	23NA
87	RB	87RB	G
87	RB	12C	86KR
87	SE	248CM	SF
87	SE	87AS	B-
87	SR	86KR	A
87	SR	86SR	D
87	SR	86SR	N

87	SR	87RB	P
87	SR	87SR	IT
87	SR	87Y	EC
87	SR	88SR	3HE
87	SR	89Y	D
87	SR	87SR	P
87	SR	87RB	B-
87	SR	87Y	EC
87	SR	82SE	9BE
87	TC	58NI	32S
87	TC	9BE	107AG
87	Y	85RB	A
87	Y	84SR	A
87	Y	86SR	P
87	Y	86SR	P
87	Y	86SR	3HE
87	Y	87Y	IT
87	Y	87ZR	B+
87	Y	88SR	P
87	Y	89Y	P
87	Y	90ZR	P
87	Y	86SR	P
87	Y	80SE	11B
87	Y	87SR	P
87	ZR		HI
87	ZR	87NB	B+
87	ZR	87NB	B+
87	ZR	87ZR	IT
87	ZR	90ZR	3HE
88	BR	88BR	IT
88	BR	88SE	B-
88	KR	88BR	B-
88	KR	89BR	B-N
88	KR	86KR	T
88	KR	248CM	SF
88	KR	252CF	SF
88	KR	COULOMB	EXCITATION:PROJE
88	KR	208PB	18O
88	MO	88TC	EC
88	MO	88TC	EC
88	MO	58NI	36AR
88	MO	58NI	40CA
88	NB	88MO	EC
88	NB	56FE	35CL
88	NB	89Y	A
88	RB	88KR	B-
88	RB	88RB	IT

88	RB	86KR	3HE
88	RB	87RB	D
88	RB	176YB	28SI
88	RU	58NI	32S
88	SE	252CF	SF
88	SR	88RB	B-
88	SR	88Y	B+
88	SR	80SE	11B
88	SR	86KR	A
88	SR	86SR	T
88	SR	87SR	N
88	SR	87RB	3HE
88	SR	87SR	D
88	SR	88SR	G
88	SR	88SR	D
88	SR	88SR	E
88	SR	88SR	P
88	SR	88SR	N
88	SR	COULOMB	EXCITATION
88	SR	86KR	3HE
88	SR	87RB	P
88	SR	88SR	N
88	SR	89Y	D
88	SR	89Y	MU-
88	SR	89Y	6LI
88	SR	90ZR	6LI
88	SR	92ZR	D
88	SR	176YB	28SI
88	TC	9BE	107AG
88	TC	58NI	32S
88	TC	58NI	36AR
88	Y	88ZR	EC
88	Y	88Y	IT
88	Y	88Y	IT
88	Y	74GE	18O
88	Y	82SE	11B
88	Y	85RB	A
88	Y	86SR	3HE
88	Y	87RB	A
88	Y	87SR	D
88	Y	87SR	P
88	Y	87SR	3HE
88	Y	88SR	P
88	Y	88SR	3HE
88	Y	89Y	D
88	Y	89Y	G
88	Y	89Y	N

88	Y	89Y	P
88	Y	89Y	P
88	Y	90ZR	D
88	Y	91ZR	POL
88	ZR	88NB	EC
88	ZR	88NB	EC
88	ZR	88ZR	IT
88	ZR	12C	84SR
88	ZR	74GE	18O
88	ZR	86SR	A
88	ZR	89Y	A
88	ZR	89Y	P
88	ZR	90ZR	P
88	ZR	92MO	D
89	BR	89SE	B-
89	BR	235U	N
89	KR	89BR	B-
89	KR	90BR	B-N
89	KR	252CF	SF
89	MO	89MO	IT
89	MO	89TC	EC
89	MO	89TC	EC
89	MO	58NI	36AR
89	MO	90ZR	3HE
89	MO	92MO	3HE
89	NB	89MO	EC
89	NB	58NI	36AR
89	NB	89Y	3HE
89	NB	89Y	A
89	NB	90ZR	3HE
89	NB	92MO	P
89	RB	89KR	B-
89	RB	86KR	A
89	RB	124SN	96ZR
89	RB	238U	48CA
89	RB	238U	82SE
89	RU	54FE	40CA
89	SR	89RB	B-
89	SR	82SE	11B
89	SR	86KR	A
89	SR	87SR	T
89	SR	88SR	N
89	SR	88SR	N
89	SR	88SR	N
89	SR	88SR	D
89	SR	88SR	D
89	SR	88SR	13C

89	SR	89Y	MU-
89	SR	89Y	T
89	TC	89RU	EC
89	TC	90RH	ECP
89	TC	58NI	40CA
89	Y	89SR	B-
89	Y	89Y	IT
89	Y	89ZR	EC
89	Y	89ZR	EC
89	Y	74GE	18O
89	Y	87RB	A
89	Y	88SR	P
89	Y	88SR	P
89	Y	88SR	D
89	Y	88SR	3HE
89	Y	88SR	16O
89	Y	89Y	G
89	Y	89Y	E
89	Y	89Y	N
89	Y	89Y	N
89	Y	89Y	P
89	Y	89Y	P
89	Y	89Y	D
89	Y	89Y	3HE
89	Y	89Y	A
89	Y	90ZR	E
89	Y	90ZR	N
89	Y	90ZR	D
89	Y	92ZR	P
89	Y	88SR	P
89	Y	88SR	P
89	Y	89Y	G
89	Y	89Y	G
89	Y	89Y	E
89	Y	89Y	E
89	Y	89Y	PI+
89	Y	89Y	PI+
89	Y	89Y	HI
89	Y	90ZR	POL
89	Y	90ZR	A
89	Y	90ZR	6LI
89	Y	90ZR	12C
89	Y	91ZR	D
89	Y	93NB	3HE
89	ZR	89ZR	IT
89	ZR	89NB	EC
89	ZR	89NB	EC

89	ZR	76GE	18O
89	ZR	80SE	13C
89	ZR	86SR	A
89	ZR	88SR	A
89	ZR	89Y	P
89	ZR	89Y	P
89	ZR	89Y	3HE
89	ZR	90ZR	P
89	ZR	90ZR	D
89	ZR	90ZR	POL
89	ZR	90ZR	3HE
89	ZR	91ZR	P
89	ZR	87SR	3HE
89	ZR	88SR	POL
89	ZR	92MO	N
90	AS	9BE	238U
90	KR	90BR	B-
90	KR	248CM	SF
90	KR	252CF	SF
90	KR	235U	N
90	KR	COULOMB	EXCITATION
90	MO	90TC	EC
90	MO	90TC	EC
90	MO	58NI	36AR
90	MO	66ZN	28SI
90	MO	58NI	40CA
90	MO	92MO	P
90	MO	90ZR	3HE
90	MO	9BE	124XE
90	MO	59CO	35CL
90	NB	90MO	EC
90	NB	90ZR	P
90	NB	90ZR	3HE
90	NB	92MO	D
90	NB	90ZR	P
90	NB	89Y	A
90	NB	90ZR	12C
90	NB	63CU	31P
90	NB	76GE	19F
90	NB	9BE	124XE
90	RB	90KR	B-
90	RB	90RB	IT
90	RB	235U	N
90	RU	90RH	EC
90	RU	90RH	EC
90	RU	58NI	36AR
90	RU	58NI	40CA

90	SE	1H	91BR
90	SR	90RB	B-
90	SR	90RB	B-
90	SR	88SR	T
90	SR	82SE	11B
90	TC	90RU	EC
90	TC		HI
90	TC	NI	40CA
90	Y	89Y	N
90	Y	89Y	POL
90	Y	89Y	D
90	Y	74GE	18O
90	Y	87RB	A
90	Y	90Y	IT
90	Y	90SR	B-
90	Y	89Y	A
90	Y	88SR	3HE
90	Y	91ZR	D
90	Y	92ZR	D
90	Y	91ZR	T
90	Y	82SE	11B
90	Y	89Y	N
90	ZR	90Y	B-
90	ZR	90Y	B-
90	ZR	90NB	EC
90	ZR	90ZR	IT
90	ZR	76GE	18O
90	ZR	87SR	A
90	ZR	89Y	3HE
90	ZR	90ZR	T
90	ZR	91ZR	P
90	ZR	90ZR	3HE
90	ZR	89Y	D
90	ZR	90ZR	D
90	ZR	90ZR	3HE
90	ZR	90ZR	A
90	ZR	91ZR	3HE
90	ZR	89Y	P
90	ZR	90ZR	E
90	ZR	90ZR	G
90	ZR	89Y	P
90	ZR	89Y	P
90	ZR	89Y	P
90	ZR	90ZR	P
90	ZR	90ZR	P
90	ZR	90ZR	N
90	ZR	93NB	P

90	ZR	90ZR	G
90	ZR	90ZR	E
90	ZR	92ZR	P
90	ZR	91ZR	D
90	ZR	88SR	3HE
90	ZR	88SR	16O
90	ZR	90ZR	N
90	ZR	92ZR	A
90	ZR	94MO	D
90	ZR	92MO	14C
90	ZR	COULOMB	EXCITATION
90	ZR	90ZR	17O
90	ZR	208PB	90ZR
91	BR	9BE	136XE
91	KR	91BR	B-
91	KR	92BR	B-N
91	KR	252CF	SF
91	MO	90ZR	A
91	MO	91MO	IT
91	MO	91TC	EC
91	MO	91TC	EC
91	MO	92MO	P
91	MO	92MO	POL
91	MO	66ZN	28SI
91	MO	63CU	31P
91	MO	92MO	P
91	NB	88SR	6LI
91	NB	89Y	A
91	NB	90ZR	A
91	NB	91MO	EC
91	NB	91MO	EC
91	NB	90ZR	P
91	NB	91ZR	P
91	NB	91ZR	P
91	NB	90ZR	A
91	NB	90ZR	D
91	NB	90ZR	12C
91	NB	90ZR	3HE
91	NB	92MO	T
91	NB	92MO	D
91	NB	91NB	IT
91	NB	91NB	IT
91	NB	90ZR	7LI
91	NB	90ZR	P
91	NB	90ZR	3HE
91	NB	76GE	19F
91	NB	93NB	P

91	NB	90ZR	13C
91	RB	91KR	B-
91	RB	252CF	SF
91	RB	238U	48CA
91	RH	54FE	40CA
91	RH	9BE	112SN
91	RU	58NI	36AR
91	RU	58NI	40CA
91	RU	91RH	EC
91	RU	58NI	36AR
91	SR	91RB	B-
91	SR	173YB	24MG
91	SR	159TB	36S
91	TC	54FE	40CA
91	TC	91RU	EC
91	TC	58NI	36AR
91	TC	58NI	40CA
91	TC	92RH	B+P
91	Y	91Y	IT
91	Y	91SR	B-
91	Y	89Y	T
91	Y	92ZR	D
91	Y	94ZR	P
91	Y	12C	82SE
91	Y	173YB	24MG
91	ZR	88SR	A
91	ZR	88SR	6LI
91	ZR	90ZR	N
91	ZR	91ZR	G
91	ZR	91ZR	N
91	ZR	90ZR	A
91	ZR	90ZR	D
91	ZR	90ZR	POL
91	ZR	91ZR	A
91	ZR	91ZR	D
91	ZR	91ZR	P
91	ZR	92ZR	D
91	ZR	92ZR	P
91	ZR	93NB	D
91	ZR	COULOMB	EXCITATION
91	ZR	91ZR	N
91	ZR	90ZR	12C
91	ZR	90ZR	13C
91	ZR	90ZR	13C
91	ZR	90ZR	16O
91	ZR	90ZR	7LI
91	ZR	91NB	EC

91	ZR	91NB	EC
91	ZR	91Y	B-
91	ZR	91ZR	18O
91	ZR	91ZR	3HE
91	ZR	92ZR	POL
91	ZR	92ZR	3HE
91	ZR	93NB	MU-
91	ZR	88SR	12C
91	ZR	90ZR	20NE
91	ZR	82SE	13C
91	ZR	90ZR	N
91	ZR	91ZR	IT
92	BR	92BR	IT
92	KR	92BR	B-
92	KR	93BR	B-N
92	KR	235U	N
92	KR	248CM	SF
92	KR	COULOMB	EXCITATION
92	KR	252CF	SF
92	MO	92TC	EC
92	MO	64NI	32S
92	MO	90ZR	A
92	MO	92MO	G
92	MO	92MO	A
92	MO	92MO	P
92	MO	92MO	N
92	MO	92MO	E
92	MO	92MO	P
92	MO	92MO	D
92	MO	92MO	3HE
92	MO	92MO	A
92	MO	94MO	P
92	MO	59CO	37CL
92	MO	90ZR	3HE
92	MO	COULOMB	EXCITATION
92	MO	90ZR	12C
92	MO	92MO	14C
92	MO	92MO	G
92	MO	92MO	3HE
92	MO	92MO	16O
92	MO	93RU	ECP
92	MO	74GE	28SI
92	MO	82SE	16O
92	NB	88SR	7LI
92	NB	90ZR	A
92	NB	91ZR	P
92	NB	91ZR	3HE

92	NB	91ZR	A
92	NB	92ZR	P
92	NB	92ZR	P
92	NB	92ZR	3HE
92	NB	92ZR	3HE
92	NB	93NB	P
92	NB	93NB	D
92	NB	93NB	3HE
92	NB	94MO	D
92	NB	91ZR	16O
92	NB	93NB	G
92	NB	93NB	P
92	PD	58NI	36AR
92	RB	92KR	B-
92	RB	93KR	B-N
92	RB	252CF	SF
92	RB	248CM	SF
92	RH	58NI	40CA
92	RH	40CA	58NI
92	RH	94AG	2P
92	RU	58NI	40CA
92	RU	92RH	EC
92	RU	93PD	ECP
92	RU	92RH	EC
92	SR	92RB	B-
92	SR	93RB	B-N
92	SR	94ZR	6LI
92	SR	208PB	18O
92	SR	159TB	36S
92	SR	248CM	SF
92	TC	92RU	EC
92	TC	92MO	3HE
92	TC	92MO	3HE
92	TC	92MO	P
92	TC	58NI	40CA
92	TC	64ZN	35CL
92	Y	92SR	B-
92	Y	94ZR	D
92	Y	92Y	IT
92	Y	238U	82SE
92	Y	92ZR	7LI
92	ZR	92Y	B-
92	ZR	92NB	EC
92	ZR	48CA	48CA
92	ZR	88SR	7LI
92	ZR	90ZR	T
92	ZR	91ZR	N

92	ZR	91ZR	D
92	ZR	91ZR	A
92	ZR	92ZR	N
92	ZR	92ZR	P
92	ZR	92ZR	A
92	ZR	92ZR	D
92	ZR	92ZR	T
92	ZR	94ZR	P
92	ZR	92ZR	P
92	ZR	92ZR	3HE
92	ZR	93NB	MU-
92	ZR	93NB	D
92	ZR	94MO	6LI
92	ZR	92ZR	16O
92	ZR	92NB	EC
92	ZR	90ZR	A
92	ZR	COULOMB	EXCITATION
92	ZR	92ZR	N
92	ZR	95MO	N
92	ZR	92ZR	E
92	ZR	89Y	A
92	ZR	92ZR	G
92	ZR	94MO	14C
92	ZR	96MO	D
92	ZR	91ZR	16O
92	ZR	91ZR	N
92	ZR	173YB	24MG
92	ZR	92ZR	POL
92	ZR	208PB	90ZR
92	ZR	82SE	13C
92	ZR	92ZR	A
92	ZR	91ZR	N
93	KR	93BR	B-
93	KR	94BR	B-N
93	KR	252CF	SF
93	MO	92MO	D
93	MO	92MO	N
93	MO	92MO	T
93	MO	92MO	13C
93	MO	93MO	IT
93	MO	93NB	P
93	MO	93TC	EC
93	MO	93TC	EC
93	MO	94MO	D
93	MO	94MO	P
93	MO	94MO	3HE
93	MO	95MO	P

93	MO	92MO	16O
93	MO	92MO	N
93	MO	80SE	16O
93	MO	93NB	3HE
93	MO	92MO	13C
93	MO	82SE	16O
93	NB	93MO	EC
93	NB	92ZR	A
93	NB	93NB	P
93	NB	COULOMB	EXCITATION
93	NB	93NB	N
93	NB	93NB	G
93	NB	92ZR	3HE
93	NB	94MO	D
93	NB	91ZR	A
93	NB	90ZR	A
93	NB	92ZR	P
93	NB	96MO	P
93	NB	80SE	16O
93	NB	93NB	D
93	NB	93NB	G
93	NB	93ZR	B-
93	NB	93NB	E
93	NB	93MO	EC
93	NB	93NB	IT
93	NB	92ZR	P
93	NB	89Y	A
93	NB	92ZR	16O
93	NB	93NB	G
93	NB	94ZR	P
93	NB	82SE	16O
93	PD	94AG	P
93	PD	40CA	58NI
93	PD	58NI	40CA
93	RB	93KR	B-
93	RB	94KR	B-N
93	RB	252CF	SF
93	RB	248CM	SF
93	RH	58NI	40CA
93	RH	93PD	EC
93	RH	94AG	ECP
93	RU	92MO	A
93	RU	93RU	IT
93	RU	58NI	40CA
93	RU	93RH	EC
93	RU	9BE	107AG
93	SR	93RB	B-

93	SR	94RB	B-N
93	SR	252CF	SF
93	TC	92MO	A
93	TC	92MO	A
93	TC	92MO	D
93	TC	92MO	P
93	TC	92MO	3HE
93	TC	93RU	EC
93	TC	93RU	EC
93	TC	93TC	IT
93	TC	96RU	P
93	TC	92MO	16O
93	TC	66ZN	31P
93	TC	93NB	PI+
93	TC	92MO	P
93	TC	58NI	40CA
93	TC	92MO	P
93	Y	93SR	B-
93	Y	94ZR	D
93	Y	96ZR	P
93	Y	93NB	PI-
93	Y	93Y	IT
93	Y	238U	82SE
93	ZR	92ZR	A
93	ZR	92ZR	D
93	ZR	92ZR	N
93	ZR	92ZR	N
93	ZR	93Y	B-
93	ZR	94ZR	D
93	ZR	94ZR	P
93	ZR	94ZR	3HE
93	ZR	162DY	36S
93	ZR	173YB	24MG
93	ZR	176YB	28SI
93	ZR	92ZR	N
94	KR	248CM	SF
94	MO	94TC	EC
94	MO	94TC	EC
94	MO	94TC	EC
94	MO	94NB	B-
94	MO	94NB	B-
94	MO	94MO	G
94	MO	94MO	N
94	MO	94MO	N
94	MO	94MO	P
94	MO	96MO	P
94	MO	93NB	P

94	MO	91ZR	A
94	MO	92MO	T
94	MO	65CU	36S
94	MO	95MO	D
94	MO	92ZR	A
94	MO	94MO	A
94	MO	93NB	3HE
94	MO	90ZR	16O
94	MO	94ZR	A
94	MO	94MO	P
94	MO	94MO	D
94	MO	COULOMB	EXCITATION
94	MO	96RU	14C
94	MO	92ZR	3HE
94	NB	93NB	N
94	NB	93NB	N
94	NB	93NB	N
94	NB	93NB	D
94	NB	94ZR	P
94	NB	93NB	16O
94	NB	94NB	IT
94	NB	92ZR	A
94	NB	82SE	19F
94	PD	94AG	EC
94	PD	58NI	40CA
94	PD	NI	112SN
94	RB	94KR	B-
94	RB	235U	N
94	RH	94PD	EC
94	RH	95AG	B+P
94	RH	58NI	40CA
94	RU	95PD	B+P
94	RU	94RH	EC
94	RU	94RH	EC
94	RU	92MO	3HE
94	RU	96RU	P
94	RU		HI
94	SR	94RB	B-
94	SR	95RB	B-N
94	SR	248CM	SF
94	SR	252CF	SF
94	TC	94RU	EC
94	TC	92MO	3HE
94	TC	92MO	A
94	TC	93NB	A
94	TC	94MO	P
94	TC	94MO	3HE

94	TC		HI
94	Y	94SR	B-
94	Y	96ZR	D
94	Y	96ZR	3HE
94	Y	94Y	IT
94	ZR	94Y	B-
94	ZR	92ZR	T
94	ZR	94ZR	N
94	ZR	94ZR	P
94	ZR	94ZR	P
94	ZR	94ZR	D
94	ZR	94ZR	T
94	ZR	94ZR	3HE
94	ZR	94ZR	A
94	ZR	COULOMB	EXCITATION
94	ZR	94MO	6LI
94	ZR	94MO	14C
94	ZR	96ZR	P
94	ZR	98MO	D
94	ZR	173YB	24MG
94	ZR	176YB	28SI
95	AG	58NI	40CA
95	AG	95AG	IT
95	AG	95AG	IT
95	AG	95AG	IT
95	KR	235U	N
95	KR	95KR	IT
95	MO	95NB	B-
95	MO	95NB	B-
95	MO	95TC	EC
95	MO	95TC	EC
95	MO	92ZR	A
95	MO	94MO	N
95	MO	94MO	N
95	MO	94MO	D
95	MO	94MO	13C
95	MO	95MO	G
95	MO	COULOMB	EXCITATION
95	MO	96MO	P
95	MO	96MO	P
95	MO	96MO	3HE
95	MO	65CU	36S
95	MO	82SE	18O
95	MO	96MO	POL
95	MO	94MO	N
95	MO	U	P
95	MO	16O	82SE

95	NB	95ZR	B-
95	NB	95NB	IT
95	NB	94ZR	P
95	NB	94ZR	3HE
95	NB	94ZR	3HE
95	NB	96MO	D
95	NB	96MO	POL
95	NB	97MO	D
95	NB	16O	82SE
95	NB	93NB	T
95	PD	95AG	EC
95	PD	95PD	IT
95	PD	58NI	40CA
95	PD	58NI	40CA
95	PD	40CA	58NI
95	RB	95RB	IT
95	RH	95RH	IT
95	RH	95PD	EC
95	RH	96AG	ECP
95	RH	96AG	ECP
95	RH	58NI	40CA
95	RH	95RH	IT
95	RU	95RH	EC
95	RU	95RH	EC
95	RU	92MO	A
95	RU	94MO	A
95	RU	64ZN	35CL
95	RU	96RU	P
95	SR	95RB	B-
95	SR	96RB	B-N
95	SR	252CF	SF
95	SR	254CF	SF
95	SR	235U	N
95	TC	95TC	IT
95	TC	95RU	EC
95	TC	93NB	A
95	TC	94MO	P
95	TC	94MO	D
95	TC	94MO	3HE
95	TC	95MO	P
95	TC	65CU	36S
95	Y	95SR	B-
95	Y	235U	N
95	Y	96ZR	D
95	Y	248CM	SF
95	Y	252CF	SF
95	ZR	95Y	B-

95	ZR	94ZR	N
95	ZR	94ZR	N
95	ZR	94ZR	P
95	ZR	94ZR	D
95	ZR	96ZR	P
95	ZR	96ZR	D
95	ZR	96ZR	3HE
95	ZR	96ZR	3HE
95	ZR	173YB	24MG
95	ZR	176YB	28SI
96	AG	60NI	40CA
96	AG	NI	112SN
96	KR	COULOMB	EXCITATION
96	KR	238U	136XE
96	MO	96NB	B-
96	MO	96TC	EC
96	MO	96TC	EC
96	MO	94ZR	3HE
96	MO	94ZR	A
96	MO	95MO	N
96	MO	95MO	N
96	MO	95MO	N
96	MO	96MO	N
96	MO	96MO	P
96	MO	96MO	D
96	MO	96MO	A
96	MO	COULOMB	EXCITATION
96	MO	97MO	P
96	MO	98MO	P
96	MO	100RU	D
96	MO	94MO	T
96	MO	82SE	18O
96	MO	96MO	POL
96	NB	94ZR	A
96	NB	96ZR	P
96	NB	96ZR	3HE
96	NB	98MO	D
96	NB	97MO	T
96	PD	96AG	EC
96	PD	96AG	EC
96	PD	64ZN	36AR
96	PD	60NI	40CA
96	PD	97CD	ECP
96	RB	96RB	IT
96	RH	96PD	EC
96	RH	96RH	IT
96	RH	96RU	P

96	RH	64ZN	40CA
96	RU	96RH	EC
96	RU	96RH	EC
96	RU		HI
96	RU	96RU	P
96	RU	96RU	A
96	RU	COULOMB	EXCITATION
96	RU	96RU	G
96	RU	65CU	36S
96	RU	95MO	3HE
96	SR	96RB	B-
96	SR	97RB	B-N
96	SR	235U	N
96	SR	238U	A
96	SR	248CM	SF
96	SR	98RB	B-2N
96	TC	96TC	IT
96	TC	93NB	A
96	TC	95MO	3HE
96	TC	82SE	19F
96	TC	65CU	36S
96	Y	96SR	B-
96	ZR	96Y	B-
96	ZR	96Y	B-
96	ZR	96ZR	N
96	ZR	94ZR	T
96	ZR	94ZR	T
96	ZR	96ZR	P
96	ZR	96ZR	P
96	ZR	96ZR	D
96	ZR	96ZR	T
96	ZR	96ZR	A
96	ZR	96ZR	12C
96	ZR	96ZR	16O
96	ZR	COULOMB	EXCITATION
96	ZR	98MO	6LI
96	ZR	100MO	D
96	ZR	176YB	28SI
96	ZR	96ZR	32S
97	AG	58NI	46TI
97	MO	97NB	B-
97	MO	97TC	EC
97	MO	97TC	EC
97	MO	82SE	18O
97	MO	82SE	19F
97	MO	94ZR	A
97	MO	95MO	T

97	MO	96ZR	3HE
97	MO	96ZR	A
97	MO	96MO	N
97	MO	96MO	N
97	MO	96MO	D
97	MO	96MO	D
97	MO	96MO	T
97	MO	96MO	13C
97	MO	97MO	N
97	MO	COULOMB	EXCITATION
97	MO	98MO	P
97	MO	98MO	P
97	MO	98MO	D
97	NB	97ZR	B-
97	NB	97NB	IT
97	NB	96ZR	3HE
97	NB	96ZR	3HE
97	NB	98MO	D
97	NB	98MO	POL
97	PD	97AG	EC
97	PD	98CD	ECP
97	PD	64ZN	40CA
97	PD	96RU	3HE
97	RB	97RB	IT
97	RB	COULOMB	EXCITATION
97	RH	97RH	IT
97	RH	97PD	EC
97	RH	98AG	ECP
97	RH	60NI	40CA
97	RH	65CU	36S
97	RH	94MO	6LI
97	RH	96RU	P
97	RH	96RU	P
97	RH	96RU	3HE
97	RH	96RU	A
97	RU	97RH	EC
97	RU	97RH	EC
97	RU	65CU	36S
97	RU	88SR	12C
97	RU	93NB	7LI
97	RU	94MO	A
97	RU	95MO	A
97	RU	96RU	D
97	SR	97RB	B-
97	SR	98RB	B-N
97	SR	248CM	SF
97	SR	252CF	SF

97	SR	238U	A
97	SR	239PU	N
97	TC	97RU	EC
97	TC	97TC	IT
97	TC	82SE	19F
97	TC	94ZR	6LI
97	TC	96MO	P
97	TC	96MO	P
97	TC	96MO	3HE
97	TC	96MO	3HE
97	TC	97MO	P
97	TC	97MO	P
97	Y	97SR	B-
97	Y	97Y	IT
97	Y	97Y	IT
97	Y	98SR	B-N
97	ZR	97Y	B-
97	ZR	97Y	B-
97	ZR	97Y	B-
97	ZR	98Y	B-N
97	ZR	98Y	B-N
97	ZR	96ZR	D
97	ZR	96ZR	12C
97	ZR	238U	48CA
97	ZR	252CF	SF
98	AG	98CD	EC
98	AG	99IN	ECP
98	AG	9BE	124XE
98	AG	50CR	58NI
98	CD	98IN	EC
98	CD	98IN	EC
98	CD	99SN	ECP
98	CD	9BE	124XE
98	CD	46TI	58NI
98	CD	58NI	46TI
98	KR	1H	99RB
98	MO	98NB	B-
98	MO	98NB	B-
98	MO	MUONIC	ATOM
98	MO	96ZR	A
98	MO	96ZR	16O
98	MO	96MO	POL
98	MO	96MO	18O
98	MO	97MO	N
98	MO	97MO	N
98	MO	97MO	N
98	MO	97MO	D

98	MO	98MO	G
98	MO	98MO	N
98	MO	98MO	N
98	MO	98MO	P
98	MO	98MO	D
98	MO	98MO	3HE
98	MO	98MO	A
98	MO	COULOMB	EXCITATION
98	MO	100MO	P
98	MO	100RU	14C
98	MO	102RU	D
98	MO	168ER	30SI
98	NB	98ZR	B-
98	NB	96ZR	3HE
98	PD	98AG	EC
98	PD	99CD	ECP
98	PD	50CR	58NI
98	PD	70GE	32S
98	PD	92MO	10B
98	PD	96RU	A
98	PD	96RU	16O
98	RB	98RB	IT
98	RB	99KR	B-N
98	RB	U	P
98	RB	COULOMB	EXCITATION
98	RH	98PD	EC
98	RH	65CU	36S
98	RH	70GE	32S
98	RH	75AS	28SI
98	RH	96RU	A
98	RH	98RU	P
98	RH	99RU	D
98	RU	98TC	B-
98	RU	98RH	EC
98	RU	98RH	EC
98	RU	65CU	36S
98	RU	70ZN	36S
98	RU	96MO	3HE
98	RU	96MO	A
98	RU	97MO	3HE
98	RU	98MO	A
98	RU	98RU	P
98	RU	99RU	D
98	RU	100RU	P
98	RU	COULOMB	EXCITATION
98	SR	98RB	B-
98	SR	98RB	B-

98	SR	99RB	B-N
98	SR	100RB	B-2N
98	SR	248CM	SF
98	SR	252CF	SF
98	SR	7LI	98RB
98	SR	235U	N
98	SR	COULOMB	EXCITATION
98	TC	94ZR	7LI
98	TC	96ZR	6LI
98	TC	97MO	P
98	TC	97MO	3HE
98	TC	97MO	A
98	TC	98MO	P
98	TC	98MO	P
98	TC	98MO	3HE
98	TC	99TC	P
98	TC	99TC	D
98	TC	99RU	G
98	Y	98SR	B-
98	Y	99SR	B-N
98	Y	248CM	252CF
98	Y	235U	N
98	Y	235U	N
98	Y	238U	P
98	ZR	98Y	B-
98	ZR	98Y	B-
98	ZR	98ZR	IT
98	ZR	99Y	B-N
98	ZR	248CM	SF
98	ZR	252CF	SF
98	ZR	9BE	238U
98	ZR	96ZR	T
98	ZR	100MO	14C
98	ZR	235U	N
98	ZR	238U	A
98	ZR	COULOMB	EXCITATION
99	AG	99AG	IT
99	AG	99CD	B+
99	AG	100IN	ECP
99	AG		HI
99	CD	50CR	58NI
99	IN	9BE	112SN
99	MO	99NB	B-
99	MO	99NB	B-
99	MO	97MO	T
99	MO	98MO	N
99	MO	98MO	N

99	MO	98MO	D
99	MO	98MO	D
99	MO	100MO	G
99	MO	100MO	P
99	MO	100MO	D
99	MO	100MO	3HE
99	MO	96ZR	A
99	MO	100MO	POL
99	MO	100MO	136XE
99	MO	27AL	178HF
99	NB	99ZR	B-
99	NB	99NB	IT
99	NB	100MO	D
99	NB	100MO	POL
99	PD	99AG	B+
99	PD		HI
99	PD	96RU	A
99	RB	COULOMB	EXCITATION
99	RH	99PD	EC
99	RH	96MO	6LI
99	RH	98RU	P
99	RH	99RU	P
99	RH		HI
99	RU	99TC	B-
99	RU	99TC	B-
99	RU	99RH	B+
99	RU	99RH	B+
99	RU	91ZR	11B
99	RU	96MO	A
99	RU	98MO	3HE
99	RU	98MO	A
99	RU	76GE	34S
99	RU	COULOMB	EXCITATION
99	RU	70ZN	36S
99	RU	100RU	D
99	SN	9BE	124XE
99	SR	99RB	B-
99	SR	100RB	B-N
99	SR	7LI	98RB
99	TC	99MO	B-
99	TC	99TC	IT
99	TC	96ZR	6LI
99	TC	98MO	P
99	TC	98MO	3HE
99	TC	99TC	D
99	TC	COULOMB	EXCITATION
99	TC	98MO	3HE

99	TC	96ZR	7LI
99	Y	99SR	B-
99	Y	99Y	IT
99	Y	252CF	SF
99	Y	248CM	SF
99	Y	100SR	B-N
99	Y	7LI	98SR
99	Y	9BE	136XE
99	Y	232TH	6LI
99	Y	9BE	238U
99	ZR	99Y	B-
99	ZR	100Y	B-N
99	ZR	248CM	SF
99	ZR	238U	A
99	ZR	252CF	SF
100	AG	100CD	EC
100	AG	46TI	58NI
100	CD	100IN	EC
100	CD	101SN	ECP
100	CD	1H	102CD
100	CD	46TI	58NI
100	CD	64ZN	40CA
100	CD	COULOMB	EXCITATION
100	IN	100SN	EC
100	KR	1H	101RB
100	MO	100NB	B-
100	MO	100NB	B-
100	MO	100TC	EC
100	MO	9BE	109TC
100	MO	96ZR	7LI
100	MO	98MO	T
100	MO	100MO	G
100	MO	100MO	N
100	MO	100MO	N
100	MO	100MO	P
100	MO	100MO	A
100	MO	100MO	D
100	MO	COULOMB	EXCITATION
100	MO	100MO	136XE
100	MO	102RU	14C
100	MO	104RU	D
100	MO	110PD	86KR
100	MO	168ER	30SI
100	NB	100ZR	B-
100	NB	100NB	IT
100	NB	252CF	SF
100	NB	100MO	T

100	PD	100AG	EC
100	PD	100AG	EC
100	PD	12C	96RU
100	PD	24MG	80SE
100	PD	46TI	58NI
100	PD	50CR	58NI
100	PD	66ZN	37CL
100	PD	72GE	35CL
100	PD	91ZR	12C
100	PD	92MO	11B
100	PD	99RU	3HE
100	RH	100PD	EC
100	RH	100RH	IT
100	RH	70ZN	36S
100	RH	96MO	7LI
100	RH	98MO	6LI
100	RH	99RU	A
100	RH	100RU	P
100	RU	100TC	B-
100	RU	100RH	EC
100	RU	100RH	EC
100	RU	100MO	2B-
100	RU	70ZN	36S
100	RU	76GE	34S
100	RU	98MO	A
100	RU	99TC	3HE
100	RU	99RU	N
100	RU	99RU	N
100	RU	99RU	D
100	RU	100MO	A
100	RU	100RU	N
100	RU	100RU	P
100	RU	100RU	A
100	RU	101RU	P
100	RU	101RU	D
100	RU	102RU	P
100	RU	103RH	P
100	RU	COULOMB	EXCITATION
100	SN	104TE	A
100	SR	100RB	B-
100	SR	101RB	B-N
100	SR	248CM	SF
100	SR	252CF	SF
100	SR	9BE	238U
100	TC	96ZR	7LI
100	TC	99TC	N
100	TC	99TC	N

100	TC	99TC	D
100	TC	100MO	P
100	TC	100MO	3HE
100	TC	101RU	G
100	Y	100SR	B-
100	Y	101SR	B-N
100	Y	252CF	SF
100	Y	7LI	98RB
100	ZR	100Y	B-
100	ZR	100Y	B-
100	ZR	101Y	B-N
100	ZR	248CM	SF
100	ZR	248CM	252CF
100	ZR	252CF	SF
100	ZR	7LI	98RB
100	ZR	232TH	7LI
100	ZR	235U	N
100	ZR	238U	A
101	AG	101AG	IT
101	AG	101CD	EC
101	AG		HI
101	AG	102PD	P
101	AG	102PD	3HE
101	AG	50CR	58NI
101	AG	70GE	35CL
101	CD	101IN	B+
101	CD	92MO	12C
101	CD		HI
101	IN	50CR	58NI
101	MO	101NB	B-
101	MO	100MO	N
101	MO	100MO	N
101	MO	100MO	N
101	MO	100MO	D
101	MO	100MO	T
101	MO	100MO	136XE
101	NB	101ZR	B-
101	NB	248CM	SF
101	NB	252CF	SF
101	PD	101AG	EC
101	PD	92ZR	12C
101	PD	102PD	3HE
101	PD	102PD	D
101	RH	101RH	IT
101	RH	101PD	EC
101	RH	94ZR	12C
101	RH	98MO	6LI

101	RH	100RU	P
101	RH	103RH	P
101	RH	101RU	P
101	RH	70ZN	36S
101	RU	101TC	B-
101	RU	101RU	IT
101	RU	101RH	EC
101	RU	101RH	EC
101	RU	98MO	A
101	RU	100MO	3HE
101	RU	100MO	A
101	RU	100RU	N
101	RU	100RU	D
101	RU	COULOMB	EXCITATION
101	RU	102RU	P
101	RU	100MO	7LI
101	RU	102RU	D
101	RU	96ZR	9BE
101	SN	105TE	A
101	SN	46TI	58NI
101	SR	101RB	B-
101	TC	101MO	B-
101	TC	100MO	P
101	TC	100MO	3HE
101	TC	100MO	7LI
101	TC	100MO	3HE
101	TC	176YB	28SI
101	Y	101SR	B-
101	Y	248CM	SF
101	Y	252CF	SF
101	ZR	101Y	B-
101	ZR	248CM	SF
101	ZR	238U	A
101	ZR	252CF	SF
102	AG	102AG	IT
102	AG	102CD	EC
102	AG		HI
102	CD	102IN	EC
102	CD	103SN	ECP
102	CD		HI
102	IN	102SN	EC
102	IN	50CR	58NI
102	IN	54FE	58NI
102	MO	102NB	B-
102	MO	102NB	B-
102	MO	248CM	252CF
102	MO	100MO	T

102	MO	100MO	18O
102	MO	235U	N
102	MO	238U	A
102	MO	100MO	T
102	MO	168ER	30SI
102	NB	102ZR	B-
102	NB	252CF	SF
102	PD	102RH	B-
102	PD	102AG	EC
102	PD	102AG	EC
102	PD	99RU	A
102	PD	102PD	P
102	PD	COULOMB	EXCITATION
102	PD	103RH	P
102	PD	76GE	34S
102	PD	92ZR	13C
102	PD	92ZR	13C
102	RH	102RH	IT
102	RH	102RU	P
102	RH	103RH	P
102	RH	98MO	7LI
102	RH	70ZN	36S
102	RU	102TC	B-
102	RU	102RH	EC
102	RU	102RH	EC
102	RU	100MO	3HE
102	RU	100MO	A
102	RU	101RU	N
102	RU	101RU	N
102	RU	101RU	D
102	RU	102RU	D
102	RU	COULOMB	EXCITATION
102	RU	100MO	7LI
102	RU	100MO	12C
102	RU	162DY	36S
102	RU	96ZR	9BE
102	RU	96ZR	10B
102	RU	96ZR	13C
102	SN		HI
102	SN	106TE	A
102	SR	102RB	B-
102	TC	102MO	B-
102	TC	102TC	IT
102	TC	100MO	3HE
102	Y	102SR	B-
102	ZR	103Y	B-N
102	ZR	102Y	B-

102	ZR	102Y	B-
102	ZR	235U	N
102	ZR	238U	A
102	ZR	248CM	SF
102	ZR	252CF	SF
103	AG	103AG	IT
103	AG	103CD	EC
103	AG	102PD	P
103	AG	94MO	12C
103	AG	76GE	35CL
103	AG	78SE	32S
103	AG	72GE	35CL
103	CD	103IN	EC
103	CD	58NI	50CR
103	CD	72GE	35CL
103	CD	94MO	12C
103	CD	106CD	3HE
103	IN	103IN	IT
103	IN	103SN	EC
103	IN		HI
103	MO	103NB	B-
103	MO	238U	A
103	MO	252CF	SF
103	NB	103ZR	B-
103	NB	248CM	SF
103	NB	252CF	SF
103	NB	238U	A
103	PD	103AG	EC
103	PD	102PD	D
103	PD	103RH	P
103	PD	104PD	D
103	PD		HI
103	PD	102PD	N
103	RH	103RU	B-
103	RH	103RH	IT
103	RH	103PD	EC
103	RH	94ZR	12C
103	RH	100MO	6LI
103	RH	102RU	P
103	RH	103RH	N
103	RH	103RH	P
103	RH	103RH	P
103	RH	103RH	D
103	RH	COULOMB	EXCITATION
103	RH	103RH	G
103	RH	96ZR	11B
103	RU	103TC	B-

103	RU	103RU	IT
103	RU	100MO	A
103	RU	102RU	N
103	RU	102RU	D
103	RU	104RU	P
103	RU		HI
103	SN	107TE	A
103	SN	54FE	58NI
103	TC	103MO	B-
103	TC	104RU	D
103	TC	176YB	37CL
103	ZR	252CF	SF
103	ZR	248CM	SF
103	ZR	103Y	B-
103	ZR	238U	A
104	AG	104AG	IT
104	AG	104CD	EC
104	AG	94MO	12C
104	AG	103RH	A
104	AG	104PD	P
104	AG	76GE	35CL
104	CD	104IN	EC
104	CD	104PD	3HE
104	CD	102PD	A
104	CD		HI
104	CD	104IN	B+
104	IN	104SN	B+
104	IN		HI
104	IN	104IN	IT
104	MO	104NB	B-
104	MO	252CF	SF
104	MO	248CM	SF
104	MO	104NB	B-
104	MO	238U	A
104	NB	252CF	SF
104	NB	104ZR	B-
104	PD	104RH	B-
104	PD	104RH	B-
104	PD	104AG	EC
104	PD	104AG	EC
104	PD	94ZR	13C
104	PD	104RU	A
104	PD	104PD	N
104	PD	104PD	P
104	PD	COULOMB	EXCITATION
104	PD	105PD	D
104	PD	106PD	P

104	PD	107AG	P
104	PD	64NI	48CA
104	PD	104PD	P
104	RH	104RH	IT
104	RH	103RH	N
104	RH	103RH	N
104	RH	103RH	D
104	RH	100MO	7LI
104	RH	103RH	N
104	RH	96ZR	11B
104	RU	104TC	B-
104	RU	104RH	EC
104	RU	104RU	PI-
104	RU	104RU	D
104	RU	COULOMB	EXCITATION
104	RU	232TH	18O
104	RU	162DY	36S
104	RU	110PD	86KR
104	RU	176YB	28SI
104	SN		HI
104	SN	58NI	50CR
104	SN	108TE	A
104	TC	104MO	B-
104	TE	108XE	A
104	ZR	248CM	SF
104	ZR	252CF	SF
104	ZR	238U	A
105	AG	105CD	EC
105	AG	105AG	IT
105	AG	105PD	P
105	AG	107AG	P
105	AG	103RH	A
105	AG	104PD	3HE
105	AG	76GE	37CL
105	AG	92ZR	16O
105	AG	100MO	10B
105	AG	80SE	30SI
105	CD	105IN	EC
105	CD	105CD	IT
105	CD	106CD	P
105	CD	102PD	A
105	CD	106CD	3HE
105	CD		HI
105	CD	76GE	34S
105	CD	106CD	D
105	CD	106CD	3HE
105	IN	105SN	EC

105	IN	105IN	IT
105	IN	50CR	58NI
105	IN	51V	58NI
105	IN	58NI	50CR
105	MO	105NB	B-
105	MO	252CF	254CF
105	MO	238U	A
105	NB	252CF	SF
105	NB	238U	D
105	NB	9BE	238U
105	PD	105RH	B-
105	PD	105AG	EC
105	PD	105AG	EC
105	PD	105PD	IT
105	PD	106PD	P
105	PD	104PD	D
105	PD	106PD	D
105	PD	COULOMB	EXCITATION
105	PD	105PD	N
105	PD	104PD	N
105	PD	104RU	A
105	PD	96ZR	13C
105	PD	64NI	48CA
105	RH	105RU	B-
105	RH	105RH	IT
105	RH	103RH	T
105	RH	104RU	P
105	RH	104RU	3HE
105	RH	106PD	T
105	RH	108PD	P
105	RH	96ZR	13C
105	RH	100MO	11B
105	RU	105TC	B-
105	RU	104RU	N
105	RU	104RU	N
105	RU	104RU	D
105	RU	173YB	24MG
105	RU	168ER	30SI
105	RU	104RU	D
105	SB	109I	A
105	SB	50CR	58NI
105	SN	109TE	A
105	SN	50CR	58NI
105	TC	105MO	B-
105	TC	252CF	SF
105	TE	109XE	A
105	ZR	9BE	238U

106	AG		HI
106	AG	103RH	A
106	AG	104PD	3HE
106	AG	104PD	A
106	AG	105PD	3HE
106	AG	106PD	P
106	AG	107AG	P
106	CD	106AG	B-
106	CD	106IN	EC
106	CD	106IN	EC
106	CD	104PD	A
106	CD	106CD	N
106	CD	106CD	P
106	CD	106CD	P
106	CD	107AG	P
106	CD	106CD	A
106	CD	COULOMB	EXCITATION
106	CD		HI
106	IN	106SN	EC
106	IN	106CD	P
106	IN		HI
106	MO	106NB	B-
106	MO	248CM	SF
106	MO	252CF	SF
106	MO	238U	A
106	NB	106ZR	B-
106	NB	106NB	IT
106	NB	252CF	SF
106	PD	106RH	B-
106	PD	106RH	B-
106	PD	106AG	EC
106	PD	106AG	EC
106	PD	96ZR	13C
106	PD	104RU	A
106	PD	105PD	N
106	PD	105PD	N
106	PD	105PD	N
106	PD	105PD	N
106	PD	105PD	N
106	PD	105PD	D
106	PD	106PD	G
106	PD	106PD	E
106	PD	106PD	N
106	PD	106PD	P
106	PD	106PD	P
106	PD	106PD	A
106	PD	COULOMB	EXCITATION

106	PD	108PD	P
106	PD	109AG	P
106	PD	106CD	2B+
106	RH	106RU	B-
106	RH		HI
106	RU	106TC	B-
106	RU	104RU	T
106	RU	104RU	T
106	RU	104RU	18O
106	RU		HI
106	RU	252CF	SF
106	SB	110I	A
106	SB	54FE	58NI
106	SN	110TE	A
106	SN		HI
106	SN	106CD	3HE
106	TC	106MO	B-
106	TC	252CF	SF
106	TE	110XE	A
106	TE	54FE	54FE
106	ZR	106Y	B-
106	ZR	9BE	238U
107	AG	107PD	B-
107	AG	107AG	IT
107	AG	107CD	EC
107	AG	96ZR	14N
107	AG	104RU	6LI
107	AG	100MO	11B
107	AG	106PD	3HE
107	AG	107AG	G
107	AG	107AG	N
107	AG	107AG	P
107	AG	107AG	P
107	AG		HI
107	AG	107AG	A
107	AG	COULOMB	EXCITATION
107	AG	109AG	P
107	AG	107AG	D
107	AG	106PD	P
107	CD	107IN	EC
107	CD		HI
107	CD	105PD	A
107	CD	106CD	D
107	CD	106CD	D
107	CD	107AG	P
107	IN	107IN	IT
107	IN	107SN	EC

107	IN	92MO	19F
107	IN	106CD	P
107	IN	106CD	P
107	IN	106CD	D
107	IN	106CD	3HE
107	IN	106CD	3HE
107	IN	106CD	A
107	IN	94MO	16O
107	IN		HI
107	MO	252CF	SF
107	MO	248CM	SF
107	MO	238U	A
107	PD	107RH	B-
107	PD	107PD	IT
107	PD	104RU	A
107	PD	106PD	N
107	PD	106PD	D
107	PD	108PD	D
107	PD		HI
107	RH	107RU	B-
107	RH	108PD	D
107	RH	108PD	POL
107	RH	176YB	28SI
107	RU	107TC	B-
107	RU	252CF	SF
107	RU	176YB	23NA
107	SB	111I	A
107	SB	58NI	58NI
107	SN	106CD	3HE
107	SN		HI
107	SN	107SB	EC
107	TC	107MO	B-
107	TC	252CF	SF
107	TC	248CM	SF
107	TE	111XE	A
107	TE	58NI	52CR
108	AG	108AG	IT
108	AG	107AG	N
108	AG	107AG	N
108	AG	107AG	N
108	AG	107AG	N
108	AG	107AG	D
108	AG	108PD	P
108	AG		HI
108	CD	108AG	B-
108	CD	108IN	EC
108	CD	108IN	EC

108	CD	108IN	EC
108	CD	105PD	A
108	CD	64NI	48CA
108	CD	96ZR	16O
108	CD	100MO	13C
108	CD	106PD	3HE
108	CD	107AG	P
108	CD	107AG	3HE
108	CD	108CD	N
108	CD	108CD	P
108	CD	108CD	P
108	CD	108CD	A
108	CD	COULOMB	EXCITATION
108	CD	108CD	G
108	CD	109AG	P
108	CD	112SN	D
108	CD		HI
108	IN	108SN	EC
108	IN	92MO	19F
108	IN	98MO	14N
108	IN	108CD	P
108	IN	93NB	19F
108	IN	76GE	37CL
108	MO	248CM	SF
108	MO	108NB	B-
108	MO	238U	A
108	MO	252CF	SF
108	NB	108ZR	B-
108	NB	108NB	IT
108	PD	108RH	B-
108	PD	108RH	B-
108	PD	108AG	EC
108	PD	108AG	EC
108	PD	106PD	T
108	PD	108PD	E
108	PD	108PD	N
108	PD	108PD	P
108	PD	108PD	D
108	PD	COULOMB	EXCITATION
108	PD	176YB	31P
108	PD	110PD	P
108	PD	100MO	11B
108	PD		HI
108	PD	AG	MU-
108	PD	109AG	D
108	PD	110PD	POL
108	RH	108RU	B-

108	RH	173YB	24MG
108	RH	176YB	28SI
108	RU	108TC	B-
108	RU	252CF	SF
108	RU	176YB	28SI
108	SB	112I	A
108	SB	54FE	58NI
108	SN	108SB	B+
108	SN		HI
108	SN	106CD	3HE
108	SN	106CD	A
108	SN	54FE	58NI
108	SN	COULOMB	EXCITATION
108	TC	108MO	B-
108	TC	252CF	SF
108	TE	112XE	A
108	TE	54FE	58NI
108	ZR	108Y	B-
108	ZR	9BE	238U
109	AG	109PD	B-
109	AG	109CD	EC
109	AG	96ZR	18O
109	AG	100MO	13C
109	AG	107AG	T
109	AG	108PD	3HE
109	AG	109AG	G
109	AG	109AG	P
109	AG	109AG	A
109	AG	110CD	D
109	AG	112CD	P
109	AG	COULOMB	EXCITATION
109	CD	109IN	EC
109	CD	109CD	IT
109	CD	109CD	IT
109	CD	96ZR	16O
109	CD	96ZR	18O
109	CD	100MO	13C
109	CD	108PD	A
109	CD	109AG	P
109	CD	110CD	D
109	I	58NI	54FE
109	I	54FE	58NI
109	IN	109IN	IT
109	IN	109IN	IT
109	IN	109SN	EC
109	IN	108CD	D
109	IN	108CD	3HE

109	IN	112SN	P
109	IN	108CD	P
109	IN	107AG	A
109	IN	76GE	37CL
109	IN	92MO	19F
109	IN	96ZR	19F
109	IN	97MO	16O
109	MO	248CM	SF
109	MO	252CF	SF
109	MO	BE	238U
109	NB	109ZR	B-
109	NB	9BE	238U
109	PD	109RH	B-
109	PD	109PD	IT
109	PD	108PD	N
109	PD	108PD	N
109	PD	108PD	N
109	PD	108PD	D
109	PD	110PD	D
109	PD	176YB	30SI
109	RH	109RU	B-
109	RH		HI
109	RH	110PD	POL
109	RH	110PD	D
109	RU	109TC	B-
109	RU	248CM	SF
109	RU	252CF	SF
109	RU	254CF	SF
109	RU	238U	A
109	SB	109TE	EC
109	SB	113I	A
109	SB	54FE	58NI
109	SN	109SB	EC
109	SN	106CD	A
109	SN	108CD	A
109	SN	94MO	19F
109	SN	112SN	3HE
109	SN		HI
109	SN	COULOMB	EXCITATION
109	TC	109MO	B-
109	TC	248CM	SF
109	TC	252CF	SF
109	TE	113XE	A
109	TE	58NI	54FE
109	TE	54FE	58NI
109	TE	58NI	58NI
110	AG	110AG	IT

110	AG	109AG	N
110	AG	109AG	N
110	AG	109AG	D
110	AG	110PD	P
110	AG	176YB	28SI
110	CD	110AG	B-
110	CD	110AG	B-
110	CD	110IN	EC
110	CD	110IN	EC
110	CD		HI
110	CD	108PD	A
110	CD	109AG	3HE
110	CD	110CD	E
110	CD	110CD	N
110	CD	110CD	P
110	CD	110CD	P
110	CD	COULOMB	EXCITATION
110	CD	112CD	P
110	CD	108PD	3HE
110	CD	109AG	P
110	CD	111CD	POL
110	CD	110CD	G
110	CD	110CD	A
110	CD	114SN	D
110	I	114CS	A
110	I	58NI	58NI
110	IN	110SN	EC
110	IN	96ZR	19F
110	IN	100MO	14N
110	IN	107AG	A
110	IN	110CD	P
110	IN	110CD	P
110	MO	110NB	B-
110	MO	248CM	SF
110	NB	BE	238U
110	NB	U	P
110	PD	110RH	B-
110	PD	110RH	B-
110	PD	110AG	EC
110	PD	108PD	T
110	PD	110PD	A
110	PD	110PD	E
110	PD	110PD	PI-
110	PD	110PD	N
110	PD	110PD	P
110	PD	110PD	P
110	PD	COULOMB	EXCITATION

110	PD	176YB	31P
110	PD	238U	12C
110	RH	110RU	B-
110	RH	252CF	SF
110	RH		HI
110	RH	208PB	18O
110	RU	110TC	B-
110	RU	252CF	SF
110	RU	248CM	SF
110	RU	254CF	SF
110	RU	238U	A
110	SB	54FE	59CO
110	SB	110TE	EC
110	SN	110SB	EC
110	SN	94MO	19F
110	SN	98MO	16O
110	SN	108CD	A
110	SN	COULOMB	EXCITATION
110	SN	112SN	P
110	SN	113IN	P
110	SN	110CD	3HE
110	TC	110MO	B-
110	TC	252CF	SF
110	TE	54FE	58NI
110	TE	58NI	58NI
110	TE	114CS	ECA
110	XE	114BA	A
110	XE	58NI	54FE
110	ZR	BE	238U
111	AG	109AG	T
111	AG	110PD	3HE
111	AG	111AG	IT
111	AG	111PD	B-
111	AG	111PD	B-
111	AG	112CD	D
111	AG	110PD	3HE
111	CD	COULOMB	EXCITATION
111	CD	110CD	D
111	CD	110PD	A
111	CD	111AG	B-
111	CD	111AG	B-
111	CD	111CD	D
111	CD	111CD	P
111	CD	111CD	IT
111	CD	111IN	EC
111	CD	111CD	N
111	CD	110PD	3HE

111	CD	111CD	G
111	CD	110CD	N
111	CD	110CD	N
111	CD		HI
111	I	58NI	54FE
111	I	58NI	58NI
111	IN	109AG	A
111	IN	110CD	P
111	IN	111CD	P
111	IN	111CD	P
111	IN	111IN	IT
111	IN	111SN	EC
111	IN	112SN	D
111	IN	110CD	3HE
111	IN	96ZR	19F
111	PD	110PD	D
111	PD	111PD	IT
111	PD	111RH	B-
111	PD	176YB	30SI
111	PD	110PD	N
111	RH	111RU	B-
111	RH	208PB	18O
111	RH	252CF	SF
111	RU	111TC	B-
111	RU	252CF	SF
111	RU	248CM	SF
111	RU	238U	A
111	SB	111TE	EC
111	SB		HI
111	SN	111CD	3HE
111	SN	111SB	EC
111	SN	112SN	P
111	SN	112SN	3HE
111	SN	112SN	POL
111	SN	112SN	P
111	SN		HI
111	SN	96RU	19F
111	SN	98MO	16O
111	SN	100MO	20NE
111	TC	248CM	SF
111	TC	252CF	SF
111	TE	56FE	58NI
111	TE	58NI	58NI
112	AG	112PD	B-
112	AG	176YB	28SI
112	CD	112AG	B-
112	CD	112IN	EC

112	CD	COULOMB	EXCITATION
112	CD	110PD	A
112	CD	112CD	N
112	CD	112CD	P
112	CD	111CD	N
112	CD	111CD	N
112	CD	112CD	G
112	CD	112CD	G
112	CD	111CD	D
112	CD	112CD	POL
112	CD	112CD	D
112	CD	112CD	PI-
112	CD	112CD	E
112	CD	110PD	3HE
112	CD	110CD	T
112	CD	113CD	POL
112	CD	112CD	A
112	CD	111CD	D
112	CD	112CD	POL
112	CD	112CD	P
112	CD	114CD	P
112	CS	58NI	58NI
112	I	58NI	58NI
112	IN	109AG	A
112	IN	112IN	IT
112	IN	110PD	7LI
112	IN	110CD	A
112	IN	110CD	A
112	IN	111CD	3HE
112	IN	112CD	P
112	IN	112CD	D
112	IN	113IN	P
112	IN	113IN	D
112	IN	113IN	G
112	IN	100MO	16O
112	NB	238U	9BE
112	PD	112RH	B-
112	PD	112RH	B-
112	PD	252CF	SF
112	PD	110PD	T
112	PD	110PD	T
112	PD	208PB	18O
112	RH	112RU	B-
112	RH	252CF	SF
112	RH	208PB	18O
112	RU	112TC	B-
112	RU	197AU	19F

112	RU	252CF	SF
112	RU	238U	A
112	RU	248CM	SF
112	SB	112TE	EC
112	SB	112SB	IT
112	SB	112SN	P
112	SB	103RH	12C
112	SB	89Y	29SI
112	SB	112SN	3HE
112	SN	112IN	B-
112	SN	112SB	EC
112	SN	COULOMB	EXCITATION
112	SN	112SN	G
112	SN	112SN	N
112	SN	110CD	A
112	SN	103RH	12C
112	SN	100MO	16O
112	SN	100MO	20NE
112	SN	110CD	3HE
112	SN	113IN	P
112	SN	112SN	P
112	SN	112SN	P
112	SN	114SN	P
112	SN	110CD	3HE
112	SN	112SN	D
112	SN	112SN	A
112	TC	112TC	IT
112	TC	238U	P
112	TE	112I	EC
112	TE	113XE	B+P
112	TE	112SN	A
112	TE	58NI	58NI
112	XE	58NI	58NI
112	XE	113CS	P
113	AG	113PD	B-
113	AG	113AG	IT
113	CD	113AG	B-
113	CD	113AG	B-
113	CD	113CD	IT
113	CD	112CD	N
113	CD	112CD	D
113	CD	113CD	P
113	CD	113CD	D
113	CD	COULOMB	EXCITATION
113	CD	113CD	N
113	CD	113CD	G
113	CD	110PD	A

113	CD	176YB	28SI
113	CD	173YB	24MG
113	CD	112CD	POL
113	CD	114CD	POL
113	CS	58NI	58NI
113	I	114CS	ECP
113	I	58NI	58NI
113	IN	113CD	B-
113	IN	113CD	B-
113	IN	113IN	IT
113	IN	113SN	EC
113	IN	113SN	EC
113	IN	110PD	7LI
113	IN	110PD	6LI
113	IN	112CD	3HE
113	IN	112CD	A
113	IN	113CD	P
113	IN	113IN	G
113	IN	113IN	D
113	IN	113IN	A
113	IN	COULOMB	EXCITATION
113	IN	114SN	D
113	IN	115IN	P
113	IN	116SN	P
113	IN	112CD	P
113	IN	100MO	18O
113	PD	113RH	B-
113	PD	113PD	IT
113	PD	208PB	18O
113	PD	238U	12C
113	PD	252CF	SF
113	RH	113RU	B-
113	RH	113RU	B-
113	RH	252CF	SF
113	RH	208PB	18O
113	RH	248CM	SF
113	RU	252CF	SF
113	RU	113RU	IT
113	RU	113TC	B-
113	RU	248CM	SF
113	SB	113TE	EC
113	SB		HI
113	SB	112SN	P
113	SB	112SN	3HE
113	SB	114SN	P
113	SN	113SN	IT
113	SN	113SB	EC

113	SN	110CD	A
113	SN	111CD	A
113	SN	112CD	A
113	SN	112SN	N
113	SN	112SN	D
113	SN	113IN	P
113	SN	113IN	P
113	SN	114SN	P
113	SN	115SN	P
113	SN	114SN	P
113	SN	100MO	18O
113	TC	113TC	IT
113	TE	113I	EC
113	TE		HI
113	XE	58NI	58NI
114	AG	114PD	B-
114	AG	114AG	IT
114	AG	208PB	16O
114	CD	114AG	B-
114	CD	114IN	EC
114	CD	114IN	EC
114	CD	113CD	N
114	CD	113CD	N
114	CD	113CD	D
114	CD	118SN	D
114	CD	112CD	T
114	CD		HI
114	CD	114CD	N
114	CD	114CD	P
114	CD	114CD	D
114	CD	COULOMB	EXCITATION
114	CD	115IN	D
114	CD	114CD	G
114	CD	114CD	E
114	CD	114CD	A
114	CD	114CD	G
114	CS	114BA	EC
114	CS	58NI	58NI
114	I	114XE	B+
114	I	114I	IT
114	I		HI
114	IN	114IN	IT
114	IN	114IN	IT
114	IN	110PD	7LI
114	IN	113IN	N
114	IN	113IN	D
114	IN	114CD	P

114	IN	115IN	D
114	IN	113IN	N
114	PD	252CF	SF
114	PD	114RH	B-
114	PD	114RH	B-
114	PD		HI
114	PD	COULOMB	EXCITATION
114	RH	114RU	B-
114	RH	252CF	SF
114	RU	248CM	SF
114	RU	114TC	B-
114	RU	114TC	B-
114	RU	252CF	SF
114	SB	114SB	IT
114	SB	114TE	EC
114	SB	114SN	P
114	SB	115IN	3HE
114	SB	116SN	P
114	SB	111CD	7LI
114	SB	113IN	A
114	SB		HI
114	SN	114IN	B-
114	SN	114SB	B+
114	SN	112CD	3HE
114	SN	112CD	A
114	SN	112SN	T
114	SN	114SN	P
114	SN	114SN	D
114	SN	114SN	A
114	SN	COULOMB	EXCITATION
114	SN	115SN	D
114	SN	116SN	P
114	SN		HI
114	SN	114SN	N
114	SN	100MO	18O
114	SN	114CD	2B-
114	TE	114I	B+
114	TE	114I	B+
114	TE		HI
114	TE	112SN	A
114	TE	114SN	3HE
114	XE		HI
114	XE	114CS	B+
114	XE	58NI	58NI
115	AG	115PD	B-
115	AG	115AG	IT
115	AG	115PD	B-

115	AG	252CF	SF
115	CD	114CD	D
115	CD	115AG	B-
115	CD	115AG	B-
115	CD	116CD	D
115	CD	176YB	28SI
115	CD	173YB	24MG
115	I	115XE	EC
115	I	106CD	12C
115	I		HI
115	I	115I	IT
115	IN	COULOMB	EXCITATION
115	IN	114CD	P
115	IN	114CD	3HE
115	IN	115CD	B-
115	IN	115CD	B-
115	IN	115IN	D
115	IN	115IN	G
115	IN	115IN	N
115	IN	115IN	IT
115	IN	116SN	D
115	IN	118SN	P
115	IN	115IN	P
115	IN	115IN	G
115	IN	100MO	18O
115	IN	238U	12C
115	PD	115RH	B-
115	PD	115PD	IT
115	PD	208PB	18O
115	PD	238U	12C
115	PD	252CF	SF
115	PD	248CM	SF
115	RH	115RU	B-
115	RH	252CF	SF
115	RU	238U	P
115	SB	113IN	A
115	SB	114SN	3HE
115	SB	115SB	IT
115	SB	115SB	IT
115	SB	115TE	EC
115	SB	115TE	EC
115	SB		HI
115	SB	114SN	P
115	SN	COULOMB	EXCITATION
115	SN	112CD	A
115	SN	114SN	D
115	SN	115IN	P

115	SN	115IN	B-
115	SN	115IN	B-
115	SN	115SB	EC
115	SN	115SN	IT
115	SN	116CD	A
115	SN	116SN	D
115	SN	116SN	P
115	SN	113CD	A
115	SN	116SN	3HE
115	SN		HI
115	SN	114SN	N
115	SN	117SN	P
115	SN	116SN	D
115	SN	116SN	P
115	TE	115TE	IT
115	TE	115I	B+
115	TE	114SN	3HE
115	TE	115TE	IT
115	TE		HI
115	XE		HI
116	AG	116AG	IT
116	AG	116PD	B-
116	AG	208PB	16O
116	AG	116AG	IT
116	CD	COULOMB	EXCITATION
116	CD	116AG	B-
116	CD	116AG	B-
116	CD	116AG	B-
116	CD	116CD	D
116	CD	116CD	E
116	CD	116CD	N
116	CD	116CD	P
116	CD	116CD	P
116	CD	120SN	D
116	CD	114CD	T
116	CD	176YB	28SI
116	CD		HI
116	CD	116CD	94KR
116	CD	116CD	G
116	CD	116IN	EC
116	CD	116CD	A
116	CS	116BA	EC
116	CS	58NI	64ZN
116	I	116XE	EC
116	I	116I	IT
116	I	106CD	12C
116	I		HI

116	I	103RH	16O
116	IN	115IN	D
116	IN	115IN	N
116	IN	115IN	N
116	IN	116IN	IT
116	IN	116CD	P
116	IN	116SN	D
116	PD	116RH	B-
116	PD	116RH	B-
116	PD	252CF	SF
116	PD	238U	A
116	RU	116TC	B-
116	SB	115SN	3HE
116	SB	116SN	P
116	SB	116TE	EC
116	SB	113CD	7LI
116	SB	115IN	A
116	SB	113IN	A
116	SB	113IN	A
116	SN	COULOMB	EXCITATION
116	SN	114CD	A
116	SN	116SN	N
116	SN	115IN	A
116	SN	115IN	3HE
116	SN	115SN	D
116	SN	115SN	N
116	SN	117SN	D
116	SN	116IN	B-
116	SN	116IN	B-
116	SN	116SB	EC
116	SN	116SB	EC
116	SN	116SN	P
116	SN	104RU	18O
116	SN	116SN	E
116	SN	116CD	3HE
116	SN	117SN	P
116	SN	118SN	P
116	SN	114CD	3HE
116	SN	115IN	P
116	SN	116SN	A
116	SN	116SN	P
116	SN	116SN	POL
116	SN	116SN	D
116	SN	116SN	G
116	SN	116SN	6LI
116	TE	114SN	A
116	TE	116I	B+

116	TE	106PD	12C
116	TE	116SN	3HE
116	TE		HI
116	TE	64NI	56FE
116	TE	103RH	16O
116	XE	106CD	12C
116	XE	116CS	B+
116	XE	116CS	B+
116	XE	92MO	27AL
116	XE	58NI	64ZN
117	AG	117PD	B-
117	AG	117AG	IT
117	CD	117AG	B-
117	CD	117AG	B-
117	CD	116CD	D
117	CD	208PB	18O
117	CS	117BA	B+
117	CS		HI
117	CS	58NI	64ZN
117	I	117XE	B+
117	I	106PD	16O
117	I	106CD	14N
117	I	114SN	6LI
117	I	90ZR	31P
117	I	103RH	18O
117	IN	117CD	B-
117	IN	117CD	B-
117	IN	117IN	IT
117	IN	116CD	P
117	IN	116CD	3HE
117	IN	118SN	D
117	IN	120SN	MU-
117	IN	238U	12C
117	PD	117RH	B-
117	PD	117PD	IT
117	PD	252CF	SF
117	PD	248CM	SF
117	PD	238U	A
117	RU	117RU	IT
117	SB	117TE	B+
117	SB	117SB	IT
117	SB	114CD	6LI
117	SB	115IN	A
117	SB		HI
117	SB	116SN	P
117	SB	116SN	D
117	SB	116SN	3HE

117	SB	116SN	16O
117	SB	117SN	P
117	SB	117SN	P
117	SB	117SN	P
117	SB	117SN	D
117	SB	117SN	3HE
117	SB	118SN	P
117	SB	116SN	P
117	SN	117IN	B-
117	SN	117IN	B-
117	SN	117SN	IT
117	SN	117SB	EC
117	SN	114CD	A
117	SN	116CD	A
117	SN	116SN	N
117	SN	116SN	D
117	SN	116SN	D
117	SN	116SN	A
117	SN	117SN	G
117	SN	117SN	G
117	SN	117SN	E
117	SN	117SN	P
117	SN	117SN	P
117	SN	117SN	D
117	SN	117SN	A
117	SN	COULOMB	EXCITATION
117	SN	118SN	P
117	SN	118SN	D
117	SN	118SN	3HE
117	SN	119SN	P
117	SN	116SN	N
117	TE	117TE	IT
117	TE	117I	B+
117	TE	115SN	A
117	TE	116SN	3HE
117	TE		HI
117	TE	103RH	18O
117	XE	117CS	B+
117	XE	106CD	14N
117	XE		HI
117	XE	90ZR	31P
117	XE	92MO	28SI
118	AG	118PD	B-
118	AG	118AG	IT
118	BA	58NI	64ZN
118	CD	118AG	B-
118	CD	118AG	B-

118	CD	238U	7LI
118	CD	122SN	D
118	CS	58NI	64ZN
118	I	118XE	B+
118	I		HI
118	IN	118CD	B-
118	IN	118IN	IT
118	IN	119SN	T
118	PD	118RH	B-
118	PD	252CF	SF
118	PD	238U	A
118	PD	238U	12C
118	RH	9BE	238U
118	RU	118TC	B-
118	SB	118TE	EC
118	SB	115IN	A
118	SB	115IN	A
118	SB	117SN	P
118	SB	117SN	3HE
118	SB	118SN	P
118	SB	118SN	P
118	SB	118SN	3HE
118	SB		HI
118	SN	118IN	B-
118	SN	118IN	B-
118	SN	118IN	B-
118	SN	118SB	EC
118	SN	118SB	EC
118	SN	COULOMB	EXCITATION
118	SN	116CD	A
118	SN	116SN	T
118	SN	117SN	N
118	SN	117SN	D
118	SN	118SN	N
118	SN	118SN	P
118	SN	118SN	A
118	SN	119SN	P
118	SN	122TE	D
118	SN	116CD	3HE
118	SN	118SN	E
118	SN	118SN	G
118	SN	118SN	N
118	SN	120SN	P
118	TE	118I	B+
118	TE	118I	B+
118	TE	116SN	A
118	TE	117SN	A

118	TE	118SN	3HE
118	TE	121SB	P
118	TE		HI
118	XE	118CS	B+
118	XE		HI
119	AG	119PD	B-
119	BA	58NI	64ZN
119	CD	119AG	B-
119	CD	208PB	18O
119	CS		HI
119	I	119XE	EC
119	I		HI
119	IN	119CD	B-
119	IN	119CD	B-
119	IN	119IN	IT
119	IN	120SN	D
119	IN	122SN	POL
119	IN	238U	12C
119	RU	119RU	IT
119	SB	119TE	EC
119	SB	119TE	EC
119	SB		HI
119	SB	116SN	A
119	SB	118SN	3HE
119	SB	118SN	7LI
119	SB	119SN	P
119	SB	119SN	P
119	SB	118SN	P
119	SB	119SN	3HE
119	SB	119SN	D
119	SB	121SB	P
119	SB	176YB	31P
119	SN	119IN	B-
119	SN	119IN	B-
119	SN	119SN	IT
119	SN	119SB	EC
119	SN	116CD	A
119	SN	118SN	N
119	SN	118SN	D
119	SN	118SN	D
119	SN	SN	80SE
119	SN	119SN	P
119	SN	119SN	A
119	SN	COULOMB	EXCITATION
119	SN	120SN	P
119	SN	120SN	D
119	SN	120SN	3HE

119	SN	120SN	P
119	SN	118SN	T
119	TE	119I	EC
119	TE	117SN	A
119	TE	120TE	D
119	TE	120TE	3HE
119	TE		HI
119	XE	119CS	EC
119	XE	119CS	EC
119	XE		HI
120	AG	120PD	B-
120	AG	120AG	IT
120	BA		HI
120	BA	121CE	ECP
120	CD	120AG	B-
120	CD	120AG	B-
120	CD	124SN	D
120	CD	124SN	3HE
120	CD	173YB	24MG
120	CS	120BA	EC
120	CS		HI
120	I	120XE	EC
120	I		HI
120	IN	120CD	B-
120	PD	120RH	B-
120	PD	9BE	133SN
120	PD	238U	A
120	RH	120RH	IT
120	SB	116CD	7LI
120	SB	119SN	P
120	SB	120SN	P
120	SB	120SN	P
120	SB	120SN	P
120	SB	120SN	3HE
120	SB	121SB	P
120	SN	120IN	B-
120	SN	120IN	B-
120	SN	120IN	B-
120	SN	120SB	B+
120	SN	120SB	EC
120	SN	COULOMB	EXCITATION
120	SN	118SN	T
120	SN	119SN	D
120	SN	120SN	P
120	SN	120SN	N
120	SN	121SB	D
120	SN	122SN	P

120	SN	124TE	D
120	SN		HI
120	SN	120SN	G
120	SN	120SN	P
120	SN	120SN	E
120	SN	120SN	E
120	SN	120SN	PI+
120	SN	121SB	MU-
120	SN	122SN	16O
120	SN	123SB	P
120	SN	120SN	D
120	TE	120I	EC
120	TE	120I	EC
120	TE	117SN	A
120	TE	118SN	3HE
120	TE	118SN	A
120	TE	119SN	A
120	TE	120SN	3HE
120	TE	COULOMB	EXCITATION
120	TE	121SB	P
120	TE	122TE	P
120	XE	120CS	EC
120	XE		HI
121	BA	121LA	EC
121	BA	92MO	32S
121	CD	121AG	B-
121	CD	252CF	SF
121	CS	121BA	EC
121	CS		HI
121	CS	121CS	IT
121	CS	110CD	14N
121	I	121XE	EC
121	I	114CD	11B
121	I	96ZR	30SI
121	I	121SB	3HE
121	I	118SN	6LI
121	I	120TE	3HE
121	IN	121CD	B-
121	IN	121CD	B-
121	IN	121IN	IT
121	IN	122SN	D
121	IN	124SN	P
121	IN	238U	12C
121	LA	92MO	32S
121	PD	121PD	IT
121	SB	121SN	B-
121	SB	121SN	B-

121	SB	121TE	EC
121	SB	121TE	EC
121	SB	COULOMB	EXCITATION
121	SB	121SB	N
121	SB	176YB	31P
121	SB	122TE	T
121	SB	123SB	P
121	SB	120SN	3HE
121	SB	121SB	D
121	SB	121SB	G
121	SB	120SN	P
121	SB	121SB	IT
121	SB	120SN	A
121	SB	120SN	7LI
121	SN	121IN	B-
121	SN	121IN	B-
121	SN	121SN	IT
121	SN	119SN	T
121	SN	120SN	N
121	SN	120SN	D
121	SN	120SN	D
121	SN	120SN	T
121	SN	122SN	P
121	SN	122SN	P
121	SN	124SN	80SE
121	TE	121TE	IT
121	TE	121I	EC
121	TE	119SN	A
121	TE	114CD	11B
121	TE	116CD	9BE
121	TE	122TE	P
121	TE	120TE	D
121	TE	122TE	3HE
121	TE	122TE	POL
121	TE	127I	MU-
121	TE	120TE	N
121	XE	121CS	EC
121	XE	121CS	EC
121	XE	112CD	12C
121	XE	96ZR	30SI
121	XE	109AG	16O
122	BA		HI
122	BA	122LA	EC
122	BA	123CE	ECP
122	CD	122AG	B-
122	CD	122AG	B-
122	CD	238U	7LI

122	CD	COULOMB	EXCITATION
122	CD	123AG	B-N
122	CD	124SN	18O
122	CE	64ZN	64ZN
122	CS	122CS	IT
122	CS	122BA	EC
122	CS	109AG	16O
122	CS	107AG	19F
122	CS	112SN	12C
122	I	122XE	EC
122	I		HI
122	IN	122CD	B-
122	IN	122SN	T
122	PD	9BE	133SN
122	RH	122RH	IT
122	SB	121SB	N
122	SB	121SB	N
122	SB	121SB	N
122	SB	122SN	P
122	SB	121SB	D
122	SB	123SB	P
122	SB	123SB	D
122	SB	122SB	IT
122	SB	120SN	A
122	SN	122IN	B-
122	SN	122IN	B-
122	SN	122IN	B-
122	SN	122SB	EC
122	SN	122SN	N
122	SN	122SN	P
122	SN	COULOMB	EXCITATION
122	SN	122SN	P
122	SN	122SN	D
122	SN	122SN	N
122	SN	123SB	T
122	SN	124SN	P
122	SN	126TE	D
122	SN	122SN	G
122	SN	123SB	MU-
122	SN	122SN	IT
122	TE	122SB	B-
122	TE	122I	EC
122	TE	122TE	N
122	TE	122TE	N
122	TE	116CD	9BE
122	TE	120SN	A
122	TE	121SB	3HE

122	TE	124TE	P
122	TE	COULOMB	EXCITATION
122	TE	122TE	P
122	TE	122TE	G
122	TE	122TE	D
122	TE	123TE	D
122	TE	123TE	3HE
122	TE	120SN	3HE
122	XE	122CS	EC
122	XE	122CS	EC
122	XE	122TE	3HE
122	XE	96ZR	30SI
122	XE	122TE	A
123	AG	123PD	B-
123	AG	123AG	IT
123	AG	123AG	IT
123	CD	123AG	B-
123	CD	252CF	SF
123	CD	9BE	238U
123	CS	123BA	EC
123	CS	123CS	IT
123	CS	64NI	64NI
123	CS	92MO	34S
123	CS	96ZR	32S
123	CS	100MO	28SI
123	CS	108PD	19F
123	CS	116SN	10B
123	I	123XE	EC
123	I	80SE	48CA
123	I	110PD	18O
123	I	116CD	14N
123	I	120SN	6LI
123	I	121SB	A
123	I	122SN	7LI
123	I	122TE	P
123	I	122TE	3HE
123	IN	123CD	B-
123	IN	123CD	B-
123	IN	123IN	IT
123	IN	124SN	D
123	IN	124SN	T
123	IN	232TH	6LI
123	SB	123SN	B-
123	SB	123SN	B-
123	SB	123TE	EC
123	SB	123SB	IT
123	SB	123SB	IT

123	SB	120SN	A
123	SB	122SN	POL
123	SB	122SN	3HE
123	SB	122SN	A
123	SB	122SN	7LI
123	SB	123SB	G
123	SB	123SB	N
123	SB	123SB	D
123	SB	124SN	P
123	SB	124TE	T
123	SB	176YB	31P
123	SB	COULOMB	EXCITATION
123	SB	9BE	238U
123	SN	123IN	B-
123	SN	123IN	B-
123	SN	122SN	N
123	SN	122SN	N
123	SN	122SN	D
123	SN	122SN	D
123	SN	122SN	A
123	SN	124SN	P
123	SN	124SN	P
123	SN	124SN	D
123	SN	124SN	80SE
123	SN	208PB	48CA
123	SN	238U	12C
123	TE	123I	EC
123	TE	123TE	IT
123	TE	116CD	11B
123	TE	122TE	N
123	TE	122TE	D
123	TE	123SB	P
123	TE	124SN	3HE
123	TE	124TE	P
123	TE	124TE	D
123	TE	124TE	3HE
123	TE	125TE	P
123	TE	COULOMB	EXCITATION
123	XE	123CS	EC
123	XE	80SE	48CA
123	XE	80SE	48CA
123	XE	110PD	18O
123	XE	114CD	12C
123	XE	123TE	3HE
124	AG	124AG	IT
124	BA	124LA	EC
124	BA		HI

124	BA	125CE	ECP
124	BA	64NI	64NI
124	CD	124AG	B-
124	CD	238U	A
124	CD	COULOMB	EXCITATION
124	CD	125AG	B-N
124	CE	124PR	EC
124	CE	125ND	ECP
124	CE		HI
124	CS	124CS	IT
124	CS	124BA	EC
124	CS		HI
124	I	124TE	P
124	I	125TE	P
124	I		HI
124	IN	124CD	B-
124	IN	124SN	T
124	LA	124CE	EC
124	LA		HI
124	PD	124PD	IT
124	PD	9BE	133SN
124	SB	124SB	IT
124	SB	124SB	IT
124	SB	123SB	N
124	SB	123SB	N
124	SB	123SB	N
124	SB	123SB	N
124	SB	123SB	N
124	SB	124SN	P
124	SB	123SB	D
124	SB	124SN	3HE
124	SN	124IN	B-
124	SN	124IN	B-
124	SN	124SN	IT
124	SN	122SN	T
124	SN	124SN	G
124	SN	124SN	E
124	SN	124SN	N
124	SN	124SN	P
124	SN	124SN	P
124	SN	124SN	D
124	SN	124SN	3HE
124	SN	124SN	A
124	SN	COULOMB	EXCITATION
124	SN	128TE	D
124	TE	124SB	B-
124	TE	124SB	B-

124	TE	124I	EC
124	TE	122SN	A
124	TE	123TE	N
124	TE	123TE	N
124	TE	124TE	N
124	TE	124TE	G
124	TE	123SB	3HE
124	TE	123TE	D
124	TE	124TE	P
124	TE	125TE	D
124	TE	125TE	P
124	TE	126TE	P
124	TE	124TE	D
124	TE	124TE	A
124	TE	COULOMB	EXCITATION
124	TE	127I	MU
124	XE	124CS	EC
124	XE	122TE	3HE
124	XE	COULOMB	EXCITATION
124	XE		HI
124	XE	124XE	G
124	XE	82SE	48CA
125	AG	125AG	IT
125	AG	125AG	IT
125	BA	100MO	29SI
125	BA	125LA	EC
125	BA	64NI	64NI
125	CD	9BE	136XE
125	CD	239PU	N
125	CD	208PB	238U
125	CE	125PR	EC
125	CE	58NI	70GE
125	CE	92MO	40CA
125	CE	64ZN	64ZN
125	CE	9BE	152SM
125	CS	110PD	19F
125	CS	125BA	EC
125	CS	118SN	10B
125	CS	125CS	IT
125	I	123SB	A
125	I	124TE	A
125	I	124TE	P
125	I	124TE	3HE
125	I	125XE	EC
125	IN	125CD	B-
125	IN	125CD	B-
125	IN	125IN	IT

125	LA	112SN	16O
125	LA	125CE	EC
125	LA	94MO	40CA
125	PR	64ZN	64ZN
125	SB	124SN	POL
125	SB	124SN	3HE
125	SB	125SN	B-
125	SB	125SN	B-
125	SB	126TE	D
125	SB	126TE	T
125	SB	238U	12C
125	SB	124SN	7LI
125	SB	125SB	IT
125	SN	124SN	A
125	SN	124SN	D
125	SN	124SN	D
125	SN	124SN	N
125	SN	125IN	B-
125	SN	125IN	B-
125	SN	125SN	IT
125	SN	125SN	IT
125	TE	COULOMB	EXCITATION
125	TE	124SN	A
125	TE	124TE	D
125	TE	124TE	T
125	TE	124TE	N
125	TE	125I	EC
125	TE	125SB	B-
125	TE	125TE	IT
125	TE	125TE	D
125	TE	126TE	D
125	TE	126TE	3HE
125	TE	127I	MU-
125	XE	122TE	A
125	XE	116CD	13C
125	XE	48CA	82SE
125	XE	125CS	EC
125	XE	125XE	IT
126	AG	126PD	B-
126	AG	126PD	B-
126	AG	126AG	IT
126	BA	126LA	EC
126	BA		HI
126	CD	126AG	B-
126	CD	126AG	B-
126	CD	9BE	136XE
126	CD	COULOMB	EXCITATION

126	CE	126PR	EC
126	CE		HI
126	CS	126BA	EC
126	CS		HI
126	I	126TE	P
126	I	127I	N
126	I	127I	G
126	I	124SN	7LI
126	IN	126CD	B-
126	IN	126IN	IT
126	IN	9BE	238U
126	LA	126CE	EC
126	LA		HI
126	PD	126PD	IT
126	PD	9BE	133SN
126	PD	9BE	238U
126	PD	126RH	B-
126	PR	92MO	40CA
126	SB	126SB	IT
126	SB	126SN	B-
126	SB	9BE	238U
126	SN	126IN	B-
126	SN	126IN	B-
126	SN	124SN	T
126	SN	130TE	D
126	SN	124SN	14C
126	SN	124SN	136XE
126	SN	127IN	B-N
126	SN	127IN	B-N
126	SN	124SN	18O
126	SN	9BE	238U
126	SN	COULOMB	EXCITATION
126	SN	238U	12C
126	SN	238U	64NI
126	TE	126I	EC
126	TE	126SB	B-
126	TE	126SB	B-
126	TE	COULOMB	EXCITATION
126	TE	124SN	A
126	TE	125TE	N
126	TE	126TE	N
126	TE	130TE	64NI
126	TE	127I	MU-
126	TE	124SN	3HE
126	TE	125TE	D
126	TE	126TE	G
126	TE	126TE	D

126	TE	126TE	P
126	TE	127I	D
126	TE	128TE	P
126	TE	232TH	37CL
126	TE	238U	12C
126	TE	124SN	7LI
126	XE	126CS	EC
126	XE	126I	B-
126	XE	COULOMB	EXCITATION
126	XE	116CD	13C
126	XE	126TE	3HE
126	XE	127I	P
126	XE	123TE	A
126	XE	124TE	3HE
126	XE	124TE	A
126	XE	82SE	48CA
126	XE	126XE	G
126	XE	122SN	9BE
127	BA	127BA	IT
127	BA	127LA	B+
127	BA	127LA	B+
127	BA		HI
127	CD	9BE	136XE
127	CE	127PR	EC
127	CE		HI
127	CS	127BA	B+
127	CS	127CS	IT
127	CS	127I	A
127	CS		HI
127	I	127TE	B-
127	I	127TE	B-
127	I	127XE	EC
127	I	COULOMB	EXCITATION
127	I	124SN	6LI
127	I	126TE	3HE
127	I	126TE	P
127	I	127I	G
127	I	127I	N
127	IN	127CD	B-
127	IN	127IN	IT
127	LA	127CE	B+
127	LA	127CE	B+
127	LA		HI
127	PR	96RU	35CL
127	PR	94MO	40CA
127	SB	127SN	B-
127	SB	127SN	B-

127	SB	128TE	D
127	SB	128TE	T
127	SB	130TE	P
127	SB		HI
127	SN	127IN	B-
127	SN	127IN	B-
127	SN	127IN	B-
127	SN	127SN	IT
127	SN	9BE	238U
127	TE	127SB	B-
127	TE	127TE	IT
127	TE	126TE	POL
127	TE	126TE	T
127	TE	128TE	P
127	TE	128TE	D
127	TE	130TE	64NI
127	TE	126TE	N
127	TE	127I	MU-
127	XE	127CS	B+
127	XE	127XE	IT
127	XE	124TE	A
127	XE	125TE	A
127	XE	126TE	A
127	XE	127I	P
127	XE	128TE	3HE
127	XE		HI
127	XE	127I	P
127	XE	125TE	3HE
128	BA	128LA	EC
128	BA	128LA	EC
128	BA		HI
128	BA	130BA	P
128	CD	128AG	B-
128	CD	9BE	136XE
128	CD	9BE	238U
128	CE	128PR	EC
128	CE		HI
128	CS	128BA	EC
128	CS		HI
128	I	124SN	7LI
128	I	128TE	P
128	I	127I	N
128	I	127I	N
128	I	127I	N
128	I	127I	D
128	I	129I	D
128	I	128TE	3HE

128	IN	128CD	B-
128	IN	241PU	N
128	LA	128CE	EC
128	LA		HI
128	ND	92MO	40CA
128	PD	128PD	IT
128	PR	128ND	EC
128	PR		HI
128	SB	128SN	B-
128	SB	128SB	IT
128	SN	128IN	B-
128	SN	128IN	B-
128	SN	128SN	IT
128	SN	128SN	IT
128	SN	129IN	B-N
128	SN	129IN	B-N
128	SN	COULOMB	EXCITATION
128	SN	9BE	136XE
128	SN		HI
128	TE	128SB	B-
128	TE	128SB	B-
128	TE	128I	EC
128	TE	126TE	T
128	TE	128TE	N
128	TE	COULOMB	EXCITATION
128	TE	128TE	A
128	TE	128TE	D
128	TE	128TE	G
128	TE	128TE	P
128	TE	130TE	P
128	TE	130TE	64NI
128	TE	235U	N
128	TE	238U	18O
128	TE	238U	12C
128	XE	128I	B-
128	XE	128CS	EC
128	XE	125TE	A
128	XE	126TE	3HE
128	XE	COULOMB	EXCITATION
128	XE		HI
128	XE	128XE	G
129	BA	129LA	EC
129	BA	120SN	12C
129	BA	130BA	POL
129	CD	9BE	238U
129	CE	129PR	EC
129	CE	100MO	34S

129	CE	104PD	28SI
129	CE	116SN	16O
129	CS	129BA	EC
129	CS	129BA	EC
129	CS	129CS	IT
129	CS	116CD	18O
129	CS	122SN	11B
129	CS	127I	A
129	I	129TE	B-
129	I	129TE	B-
129	I	124SN	7LI
129	I	128TE	P
129	I	129I	G
129	I	COULOMB	EXCITATION
129	I	128TE	3HE
129	I	128TE	A
129	IN	129CD	B-
129	IN	129IN	IT
129	IN	129IN	IT
129	IN	130CD	B-N
129	LA	129LA	IT
129	LA	129CE	EC
129	LA	51V	82SE
129	LA	119SN	14N
129	ND	129PM	EC
129	ND	92MO	40CA
129	PR	129ND	EC
129	PR	94MO	40CA
129	SB	129SN	B-
129	SB	129SN	B-
129	SB	129SB	IT
129	SB	129SB	IT
129	SB	129SB	IT
129	SB	130TE	D
129	SB	130TE	T
129	SB	241PU	N
129	SM	130EU	P
129	SN	129IN	B-
129	SN	129IN	B-
129	SN	129IN	B-
129	SN	129SN	IT
129	SN	129SN	IT
129	SN	129SN	IT
129	SN	130IN	B-N
129	SN	130IN	B-N
129	SN	239PU	N
129	TE	129SB	B-

129	TE	129SB	B-
129	TE	129TE	IT
129	TE	128TE	N
129	TE	128TE	N
129	TE	128TE	D
129	TE	128TE	T
129	TE	128TE	A
129	TE	COULOMB	EXCITATION
129	TE	130TE	P
129	TE	130TE	D
129	TE	130TE	3HE
129	TE	130TE	64NI
129	TE	238U	12C
129	XE	129I	B-
129	XE	129XE	IT
129	XE	129CS	EC
129	XE	126TE	A
129	XE	128XE	N
129	XE	129XE	G
129	XE	COULOMB	EXCITATION
130	BA	130CS	B-
130	BA	130BA	IT
130	BA	130LA	EC
130	BA	120SN	13C
130	BA	130BA	A
130	BA	COULOMB	EXCITATION
130	CD	130AG	B-
130	CD	130CD	IT
130	CE	130PR	EC
130	CE	131ND	ECP
130	CE		HI
130	CE	100MO	34S
130	CS	130CS	IT
130	CS	124SN	10B
130	CS	127I	A
130	CS	129XE	3HE
130	I	130I	IT
130	I	129I	N
130	I	129I	D
130	I	130TE	P
130	I	130TE	P
130	IN	130CD	B-
130	IN	130IN	IT
130	IN	131CD	B-N
130	LA	130CE	EC
130	LA	51V	82SE
130	LA	98MO	36S

130	LA	116CD	19F
130	ND	130PM	EC
130	ND	131SM	ECP
130	ND	92MO	40CA
130	ND	94MO	40CA
130	PR	94MO	40CA
130	PR	104PD	32S
130	PR	105PD	35CL
130	PR	110CD	28SI
130	PR	130ND	EC
130	SB	130SN	B-
130	SB	130SN	B-
130	SM	131EU	P
130	SN	130IN	B-
130	SN	130IN	B-
130	SN	130IN	B-
130	SN	131IN	B-N
130	SN	131IN	B-N
130	SN	131IN	B-N
130	TE	130SB	B-
130	TE	130SB	B-
130	TE	130TE	G
130	TE	130TE	64NI
130	TE	130TE	N
130	TE	130TE	P
130	TE	130TE	D
130	TE	130TE	A
130	TE	COULOMB	EXCITATION
130	TE	238U	12C
130	TE	239PU	N
130	XE	130I	B-
130	XE	130I	B-
130	XE	130CS	EC
130	XE	130CS	EC
130	XE	128TE	3HE
130	XE	128TE	A
130	XE	129XE	N
130	XE	129XE	N
130	XE	130TE	3HE
130	XE	130TE	A
130	XE	130XE	G
130	XE	COULOMB	EXCITATION
130	XE	232TH	37CL
131	BA	131BA	IT
131	BA	131LA	EC
131	BA	122SN	13C
131	BA	130BA	D

131	CE	131PR	EC
131	CE	131PR	EC
131	CE	131CE	IT
131	CE		HI
131	CE		HI
131	CS	131BA	EC
131	CS	124SN	10B
131	CS	133CS	P
131	I	131TE	B-
131	I	131TE	B-
131	I	130TE	3HE
131	I	130TE	A
131	I	130TE	P
131	I	198PT	136XE
131	IN	U	N
131	IN	131CD	B-
131	IN	132CD	B-N
131	LA	131LA	IT
131	LA	131CE	EC
131	LA	131CE	EC
131	LA	116CD	19F
131	LA	130BA	P
131	LA	130BA	A
131	LA	100MO	36S
131	ND	131PM	EC
131	ND	94MO	40CA
131	PM		HI
131	PR	131ND	EC
131	PR	131PR	IT
131	PR	98MO	37CL
131	PR	94MO	40CA
131	PR	107AG	28SI
131	PR	132PM	ECP
131	SB	131SN	B-
131	SB	241PU	N
131	SN	131IN	B-
131	SN	131IN	B-
131	SN	131IN	B-
131	SN	132IN	B-N
131	SN	248CM	SF
131	TE	131SB	B-
131	TE	131TE	IT
131	TE	131TE	IT
131	TE	130TE	N
131	TE	130TE	D
131	TE	130TE	T
131	XE	131I	B-

131	XE	131XE	IT
131	XE	131CS	EC
131	XE	128TE	A
131	XE	131XE	G
131	XE	131XE	G
131	XE	COULOMB	EXCITATION
132	BA	132CS	B-
132	BA	132LA	EC
132	BA	132LA	EC
132	BA	132LA	EC
132	BA	122SN	13C
132	BA	124SN	12C
132	BA	124SN	13C
132	BA	132BA	A
132	BA	COULOMB	EXCITATION
132	BA	133CS	P
132	BA	134BA	P
132	CD	9BE	134SN
132	CE	132PR	EC
132	CE	132CE	IT
132	CE	100MO	36S
132	CE	100MO	36S
132	CS	124SN	11B
132	CS	124SN	13C
132	CS	130TE	6LI
132	CS	133CS	G
132	CS	133CS	D
132	I	132TE	B-
132	I	132I	IT
132	IN	132CD	B-
132	IN	133CD	B-N
132	LA	132LA	IT
132	LA	132CE	EC
132	LA	100MO	36S
132	LA	122SN	14N
132	LA	122SN	14N
132	LA	122SN	14N
132	LA	123SB	13C
132	ND	132PM	EC
132	ND	92MO	46TI
132	ND	96RU	40CA
132	ND	104PD	32S
132	ND	105PD	35CL
132	PR	132ND	EC
132	PR	104PD	32S
132	PR	105PD	35CL
132	PR	117SN	19F

132	SB	132SN	B-
132	SB	133SN	B-N
132	SB	248CM	SF
132	SN	132IN	B-
132	SN	132SN	IT
132	SN	133IN	B-N
132	SN	248CM	SF
132	SN	COULOMB	EXCITATION
132	TE	132SB	B-
132	TE	132SB	B-
132	TE	132SB	B-
132	TE	132TE	IT
132	TE	252CF	SF
132	TE	COULOMB	EXCITATION
132	XE	132I	B-
132	XE	132I	B-
132	XE	132XE	IT
132	XE	132CS	EC
132	XE	130TE	3HE
132	XE	130TE	A
132	XE	131XE	N
132	XE	131XE	N
132	XE	132XE	G
132	XE	COULOMB	EXCITATION
132	XE	133CS	D
132	XE	232TH	37CL
133	BA	133BA	IT
133	BA	133LA	EC
133	BA	124SN	12C
133	BA	124SN	13C
133	BA	132BA	POL
133	CE	133PR	EC
133	CE	116CD	22NE
133	CE	119SN	18O
133	CE	120SN	16O
133	CS	133XE	B-
133	CS	133BA	EC
133	CS	133BA	EC
133	CS	130TE	6LI
133	CS	133CS	N
133	CS	COULOMB	EXCITATION
133	CS	133CS	G
133	I	133TE	B-
133	I	133TE	B-
133	I	133I	IT
133	I	198PT	136XE
133	I	176YB	136XE

133	LA	133CE	EC
133	LA	133CE	EC
133	LA	132BA	3HE
133	LA		HI
133	ND	133PM	EC
133	ND		HI
133	PM	133SM	EC
133	PM	133SM	EC
133	PM	96RU	40CA
133	PR	133PR	IT
133	PR	133ND	EC
133	PR	133ND	EC
133	PR		HI
133	PR		HI
133	SB	133SN	B-
133	SB	241PU	N
133	SB	235U	N
133	SB	248CM	SF
133	SM	96RU	40CA
133	SN	133IN	B-
133	SN	134IN	B-N
133	SN	248CM	SF
133	SN	132SN	D
133	TE	133SB	B-
133	TE	133TE	IT
133	TE	248CM	SF
133	TE	252CF	SF
133	XE	133XE	IT
133	XE	133I	B-
133	XE	130TE	A
133	XE	2H	132XE
133	XE	134XE	D
134	BA	134CS	B-
134	BA	134BA	IT
134	BA	134LA	EC
134	BA	134BA	N
134	BA	134BA	A
134	BA	COULOMB	EXCITATION
134	BA	136BA	P
134	BA		HI
134	BA	134BA	G
134	CE	134PR	EC
134	CE	134PR	EC
134	CE	134PR	EC
134	CE	134BA	A
134	CE	120SN	18O
134	CE	124SN	16O

134	CS	134CS	IT
134	CS	133CS	N
134	CS	133CS	N
134	CS	133CS	N
134	CS	133CS	D
134	CS	135BA	T
134	CS	130TE	7LI
134	GD	135TB	P
134	I	134TE	B-
134	I	134I	IT
134	LA	134CE	EC
134	LA	134LA	IT
134	LA	133CS	A
134	LA	133CS	A
134	LA	124SN	15N
134	ND	134ND	IT
134	ND	134PM	EC
134	ND	134PM	EC
134	ND	135SM	ECP
134	ND		HI
134	PM	134SM	EC
134	PM		HI
134	PR	134ND	EC
134	PR		HI
134	SB	134SN	B-
134	SB	135SN	B-N
134	SB	248CM	SF
134	SM	135GD	ECP
134	SM		HI
134	SN	248CM	SF
134	TE	134SB	B-
134	TE	134SB	B-
134	TE	134TE	IT
134	TE	135SB	B-N
134	TE	248CM	SF
134	TE	COULOMB	EXCITATION
134	XE	134I	B-
134	XE	134I	B-
134	XE	134XE	IT
134	XE	134CS	EC
134	XE	COULOMB	EXCITATION
134	XE	138BA	D
134	XE	134XE	IT
134	XE	134XE	N
135	BA	135CS	B-
135	BA	135BA	IT
135	BA	135LA	EC

135	BA	130TE	9BE
135	BA	134BA	N
135	BA	134BA	N
135	BA	134BA	N
135	BA	134BA	N
135	BA	134BA	D
135	BA	135BA	G
135	BA	135BA	N
135	BA	COULOMB	EXCITATION
135	CE	135CE	IT
135	CE	135PR	EC
135	CE	122SN	16O
135	CE	122SN	18O
135	CE	124SN	16O
135	CS	135XE	B-
135	CS	135XE	B-
135	CS	135CS	IT
135	CS	134CS	N
135	CS	138BA	MU-
135	I	135TE	B-
135	I	136TE	B-N
135	I	248CM	SF
135	I	136XE	D
135	LA	135CE	EC
135	LA	128TE	11B
135	LA	134BA	P
135	LA	134BA	3HE
135	ND	135PM	EC
135	ND	135PM	EC
135	ND		HI
135	PM	135SM	EC
135	PM	92MO	46TI
135	PM	107AG	32S
135	PM	116SN	24MG
135	PM	136EU	ECP
135	PR	135PR	IT
135	PR	135ND	EC
135	PR	120SN	19F
135	PR	136CE	P
135	PR	135ND	EC
135	SB	135SN	B-
135	SB	136SN	B-N
135	SB	248CM	SF
135	SM	64ZN	74SE
135	SM	135EU	EC
135	TE	135SB	B-
135	TE	135TE	IT

135	TE	136SB	B-N
135	TE	248CM	SF
135	TE	252CF	SF
135	TE	134TE	9BE
135	XE	135I	B-
135	XE	135XE	IT
135	XE	136XE	P
135	XE	136XE	D
135	XE	208PB	18O
136	BA	136CS	B-
136	BA	136LA	EC
136	BA	136BA	IT
136	BA	135BA	N
136	BA	135BA	N
136	BA	135BA	N
136	BA	136BA	N
136	BA	136BA	D
136	BA	COULOMB	EXCITATION
136	BA	136BA	G
136	BA	138BA	P
136	BA	139LA	82SE
136	BA	198PT	136XE
136	BA	135BA	D
136	BA	140CE	D
136	BA	208PB	136XE
136	CE	136PR	EC
136	CE	136CE	IT
136	CE	COULOMB	EXCITATION
136	CE	139LA	P
136	CE		HI
136	CS	136CS	IT
136	CS	136XE	3HE
136	CS	138BA	MU-
136	CS	238U	12C
136	I	136TE	B-
136	I	137TE	B-N
136	I	252CF	SF
136	I	248CM	SF
136	LA	136LA	IT
136	LA	124SN	17N
136	LA	128TE	11B
136	LA	130TE	11B
136	LA	135BA	3HE
136	LA	138BA	P
136	ND	136PM	EC
136	ND	136PM	EC
136	ND	136PM	EC



137	CE	138BA	A
137	CE	124SN	18O
137	CS	137XE	B-
137	CS	136XE	P
137	CS	136XE	3HE
137	CS	138BA	MU-
137	CS	138BA	D
137	CS	232TH	136XE
137	CS	136XE	232TH
137	CS	252CF	SF
137	EU	74SE	66ZN
137	EU	54FE	92MO
137	I	137TE	B-
137	I	248CM	SF
137	LA	137CE	EC
137	LA	137CE	EC
137	LA	140CE	P
137	LA	138BA	P
137	LA	130TE	11B
137	LA	136BA	P
137	LA	136BA	A
137	LA	140CE	MU-
137	ND	137ND	IT
137	ND	137PM	EC
137	ND	140CE	A
137	ND	124TE	16O
137	ND	110PD	30SI
137	ND	104RU	36S
137	PM		HI
137	PM	137SM	EC
137	PR	137ND	EC
137	PR		HI
137	SM	104PD	37CL
137	TE	248CM	SF
137	XE	137I	B-
137	XE	137I	B-
137	XE	138I	B-N
137	XE	248CM	SF
137	XE	136XE	N
137	XE	136XE	D
138	BA	138CS	B-
138	BA	138CS	B-
138	BA	138LA	EC
138	BA	136XE	3HE
138	BA	136XE	A
138	BA	136BA	T
138	BA	137BA	N

138	BA	137BA	D
138	BA	138BA	G
138	BA	138BA	E
138	BA	138BA	N
138	BA	138BA	P
138	BA	138BA	A
138	BA	138BA	A
138	BA	139LA	D
138	BA	238U	12C
138	BA	COULOMB	EXCITATION
138	CE	138LA	B-
138	CE	138PR	EC
138	CE	138PR	EC
138	CE	138CE	IT
138	CE	124SN	18O
138	CE	130TE	12C
138	CE	136BA	A
138	CE	138BA	A
138	CE	139LA	P
138	CE	140CE	P
138	CE	COULOMB	EXCITATION
138	CS	138XE	B-
138	CS	138CS	IT
138	CS	248CM	SF
138	CS	252CF	SF
138	CS	138BA	MU-
138	EU	138GD	EC
138	EU	92MO	50CR
138	EU	106CD	35CL
138	GD	92MO	50CR
138	GD	106CD	35CL
138	GD	106CD	36AR
138	I	248CM	SF
138	LA	137BA	3HE
138	LA	137BA	A
138	LA	138BA	P
138	LA	139LA	P
138	LA	139LA	D
138	LA	140CE	D
138	LA	238U	12C
138	ND	138PM	EC
138	ND	94ZR	48CA
138	ND	123SB	19F
138	ND	124TE	19F
138	ND	140CE	A
138	PM	138SM	EC
138	PM	115IN	28SI

138	PM	116CD	27AL
138	PM	124TE	19F
138	PR	138ND	EC
138	PR	128TE	14N
138	SM	138EU	EC
138	SM	104PD	37CL
138	SM	106CD	35CL
138	SM		HI
138	SN	138SN	IT
138	TE	138SB	B-
138	TE	139SB	B-N
138	TE	140SB	B-2N
138	TE	248CM	SF
138	XE	138I	B-
138	XE	139I	B-N
138	XE	248CM	SF
138	XE	252CF	SF
138	XE	235U	N
138	XE	COULOMB	EXCITATION
139	BA	139CS	B-
139	BA	252CF	SF
139	BA	136XE	A
139	BA	138BA	N
139	BA	138BA	N
139	BA	138BA	POL
139	BA	138BA	D
139	BA	138BA	A
139	CE	139CE	IT
139	CE	139PR	EC
139	CE	130TE	12C
139	CE	130TE	12C
139	CE	130TE	14C
139	CE	137BA	A
139	CE	138CE	N
139	CE	139LA	P
139	CE	140CE	D
139	CS	139XE	B-
139	CS	248CM	SF
139	CS	252CF	SF
139	DY	140HO	P
139	EU	139GD	EC
139	EU	139GD	EC
139	EU	140TB	ECP
139	EU	92MO	50CR
139	EU	92MO	50CR
139	EU	92MO	54FE
139	GD	92MO	50CR

139	GD	139TB	EC
139	I	248CM	SF
139	LA	139BA	B-
139	LA	139CE	EC
139	LA	138BA	POL
139	LA	138BA	3HE
139	LA	138BA	7LI
139	LA	138LA	N
139	LA	138LA	D
139	LA	139LA	G
139	LA	139LA	G
139	LA	139LA	G
139	LA	139LA	N
139	LA	139LA	D
139	LA	COULOMB	EXCITATION
139	LA	140CE	MU-
139	LA	140CE	D
139	LA	238U	12C
139	ND	139ND	IT
139	ND	139PM	EC
139	ND	94ZR	48CA
139	ND	96ZR	48CA
139	ND	96ZR	48CA
139	ND	126TE	18O
139	ND	128TE	16O
139	ND	128TE	16O
139	ND	140CE	A
139	PM	139PM	IT
139	PM	139SM	EC
139	PM	139SM	EC
139	PM	116CD	27AL
139	PM	116CD	27AL
139	PM	116CD	27AL
139	PR	139ND	EC
139	PR	139ND	EC
139	PR	124SN	19F
139	PR	130TE	14N
139	PR	139LA	3HE
139	PR	139LA	A
139	PR	139LA	A
139	PR	140CE	P
139	PR	140CE	P
139	PR	141PR	P
139	PR	142ND	P
139	SM	139EU	EC
139	SM	139SM	IT
139	SM	99RU	48TI

139	SM	110PD	34S
139	TB	139DY	EC
139	TE	248CM	SF
139	XE	139I	B-
139	XE	140I	B-N
139	XE	248CM	SF
139	XE	252CF	SF
139	XE	235U	N
140	BA	140CS	B-
140	BA	248CM	SF
140	BA	252CF	SF
140	BA	138BA	T
140	BA	12C	136XE
140	BA	138BA	14C
140	BA	208PB	18O
140	BA	235U	N
140	BA	COULOMB	EXCITATION
140	CE	140LA	B-
140	CE	140PR	EC
140	CE	144ND	A
140	CE	138BA	3HE
140	CE	138BA	A
140	CE	138CE	T
140	CE	139LA	3HE
140	CE	140CE	G
140	CE	140CE	E
140	CE	140CE	N
140	CE	140CE	P
140	CE	140CE	A
140	CE	140CE	A
140	CE	140CE	17O
140	CE	141PR	D
140	CE	142CE	P
140	CE	142ND	14C
140	CE	143ND	N
140	CE	144ND	D
140	CE	238U	12C
140	CE	COULOMB	EXCITATION
140	CS	140XE	B-
140	CS	252CF	SF
140	I	140TE	B-
140	LA	140BA	B-
140	LA	139LA	N
140	LA	139LA	N
140	LA	139LA	D
140	ND	140ND	IT
140	ND	140PM	EC

140	ND	140PM	EC
140	ND	96ZR	48CA
140	ND	96ZR	48CA
140	ND	126TE	18O
140	ND	140CE	3HE
140	ND	142ND	P
140	ND	142ND	P
140	ND	COULOMB	EXCITATION
140	PM	140SM	EC
140	PM	126TE	19F
140	PM		HI
140	PR	140PR	IT
140	PR	140ND	EC
140	PR	130TE	14N
140	PR	140CE	P
140	PR	140CE	P
140	PR	141PR	P
140	PR	141PR	D
140	PR	142ND	P
140	PR	142ND	D
140	PR	143ND	POL
140	SB	140SB	IT
140	TE	140SB	B-
140	XE	140I	B-
140	XE	248CM	SF
140	XE	252CF	SF
140	XE	235U	N
140	XE	235U	N
140	XE	COULOMB	EXCITATION
141	BA	141CS	B-
141	BA	248CM	252CF
141	BA	235U	N
141	CE	141LA	B-
141	CE	138BA	A
141	CE	139LA	7LI
141	CE	140CE	N
141	CE	140CE	POL
141	CE	140CE	D
141	CE	140CE	A
141	CE	142CE	P
141	CE	142CE	D
141	CE	142CE	3HE
141	CS	141XE	B-
141	CS	248CM	252CF
141	EU	141EU	IT
141	EU	141GD	EC
141	EU	141GD	EC

141	EU	99RU	48TI
141	EU	110CD	35CL
141	EU	144SM	A
141	GD	141GD	IT
141	GD	141TB	EC
141	GD	112SN	32S
141	HO	92MO	54FE
141	HO	92MO	54FE
141	LA	141BA	B-
141	LA	142CE	MU-
141	ND	141ND	IT
141	ND	141PM	EC
141	ND	96ZR	48CA
141	ND	124SN	24MG
141	ND	140CE	A
141	ND	141PR	P
141	ND	142CE	A
141	ND	142ND	P
141	ND	142ND	3HE
141	ND	142ND	13C
141	ND	143ND	P
141	PM	141SM	EC
141	PM	141SM	EC
141	PM	126TE	19F
141	PM	133CS	12C
141	PM	141PR	3HE
141	PM	141PR	A
141	PM	142ND	P
141	PM	144SM	P
141	PR	141CE	B-
141	PR	141ND	EC
141	PR	141ND	EC
141	PR	145PM	A
141	PR	138BA	7LI
141	PR	139LA	3HE
141	PR	139LA	A
141	PR	140CE	P
141	PR	140CE	D
141	PR	140CE	3HE
141	PR	140CE	7LI
141	PR	140CE	16O
141	PR	141PR	G
141	PR	141PR	G
141	PR	141PR	N
141	PR	141PR	D
141	PR	COULOMB	EXCITATION
141	PR	142CE	P

141	PR	142ND	D
141	PR	144ND	P
141	PR	142ND	E
141	SM	141SM	IT
141	SM	141EU	EC
141	SM	141EU	EC
141	SM	116CD	29SI
141	SM	116CD	31P
141	TB	141DY	EC
141	TB	142HO	ECP
141	TB	92MO	54FE
141	TB	92MO	54FE
141	XE	141I	B-
141	XE	248CM	SF
141	XE	252CF	SF
142	BA	142CS	B-
142	BA	248CM	SF
142	CE	142LA	B-
142	CE	142PR	EC
142	CE	COULOMB	EXCITATION
142	CE	140CE	T
142	CE	142CE	N
142	CE	142CE	E
142	CE	142CE	G
142	CE	238U	HI
142	CS	142XE	B-
142	CS	252CF	SF
142	LA	142BA	B-
142	ND	142PR	B-
142	ND	142PM	EC
142	ND	146SM	A
142	ND	142ND	P
142	ND	144ND	P
142	ND	142ND	E
142	ND	142ND	N
142	ND	142ND	G
142	ND	143ND	D
142	ND	COULOMB	EXCITATION
142	ND	141PR	3HE
142	ND	144ND	12C
142	ND	144SM	14C
142	ND		HI
142	PR	142PR	IT
142	PR	139LA	A
142	PR	141PR	D
142	PR	141PR	N
142	PR	141PR	N

142	PR	141PR	N
142	PR	141PR	N
142	PR	141PR	N
142	PR	141PR	N
142	PR	130TE	18O
142	XE	248CM	SF
142	XE	COULOMB	EXCITATION
143	BA	143CS	B-
143	BA	252CF	248CM
143	BA	144CS	B-N
143	CE	143LA	B-
143	CE	142CE	N
143	CE	142CE	D
143	CS	143XE	B-
143	CS	248CM	252CF
143	DY	92MO	54FE
143	EU	143GD	EC
143	EU	143GD	EC
143	EU		HI
143	EU	144SM	P
143	EU	110PD	37CL
143	GD	143TB	EC
143	GD		HI
143	LA	143BA	B-
143	LA	252CF	SF
143	ND	143PR	B-
143	ND	143PM	EC
143	ND	147SM	A
143	ND	130TE	18O
143	ND	140CE	A
143	ND	142CE	A
143	ND	142ND	D
143	ND	142ND	N
143	ND	143ND	P
143	ND	143ND	D
143	ND	COULOMB	EXCITATION
143	ND	144ND	POL
143	ND	144ND	D
143	ND	144ND	POL
143	ND	144ND	3HE
143	ND	145ND	P
143	ND	143ND	G
143	ND	142ND	A
143	PM	143SM	EC
143	PM	143SM	EC
143	PM	147EU	A
143	PM	141PR	A

143	PM	142ND	POL
143	PM	142ND	3HE
143	PM	143ND	D
143	PM	144ND	P
143	PM	144SM	D
143	PM		HI
143	PR	143CE	B-
143	PR	142CE	P
143	PR	144ND	D
143	SM	143SM	IT
143	SM	143SM	IT
143	SM	143EU	EC
143	SM	142ND	3HE
143	SM	142ND	A
143	SM	144SM	P
143	SM	144SM	D
143	SM	144SM	3HE
143	SM	144SM	13C
143	SM	130TE	20NE
143	TB	92MO	54FE
143	TB	143DY	EC
143	TB	143DY	EC
143	XE	248CM	SF
144	BA	144CS	B-
144	BA	252CF	SF
144	BA	248CM	SF
144	CE	144LA	B-
144	CE	252CF	242PU
144	CS	248CM	SF
144	CS	252CF	SF
144	ER	145TM	P
144	EU	144GD	EC
144	EU	144SM	D
144	EU	144SM	A
144	EU	110PD	37CL
144	EU	122SN	27AL
144	GD	144TB	EC
144	GD	144TB	EC
144	GD	144SM	A
144	GD	144SM	3HE
144	GD	108PD	40AR
144	GD		HI
144	HO	144HO	IT
144	HO	92MO	54FE
144	ND	144PR	B-
144	ND	144PR	B-
144	ND	144PM	EC

144	ND	144ND	G
144	ND	144ND	E
144	ND	143ND	N
144	ND	144ND	N
144	ND	144ND	P
144	ND	144ND	P
144	ND	146ND	P
144	ND	142ND	T
144	ND	143ND	D
144	ND	148SM	D
144	ND	COULOMB	EXCITATION
144	ND	142CE	A
144	ND	148SM	A
144	ND	144ND	12C
144	ND	143ND	N
144	ND	139LA	11B
144	ND	130TE	18O
144	PM	141PR	A
144	PM	143ND	3HE
144	PM	130TE	19F
144	PM	14N	136XE
144	PM		HI
144	PM	148EU	A
144	PR	144CE	B-
144	PR	144PR	IT
144	SM	144EU	EC
144	SM	144SM	G
144	SM	144SM	N
144	SM	144SM	P
144	SM	146SM	P
144	SM	COULOMB	EXCITATION
144	SM	142ND	A
144	SM	142ND	16O
144	SM		HI
144	SM	144SM	P
144	SM	142ND	A
144	TB	144DY	EC
144	TB	144TB	IT
144	TB		HI
144	XE	248CM	SF
145	BA	145CS	B-
145	BA	248CM	SF
145	BA	252CF	SF
145	CE	145LA	B-
145	CE	208PB	18O
145	CE	252CF	SF
145	CS	248CM	SF

145	DY		HI
145	DY	145HO	EC
145	ER	146TM	P
145	ER	146TM	P
145	EU	145GD	EC
145	EU	145GD	EC
145	EU	149TB	A
145	EU	149TB	A
145	EU	142ND	6LI
145	EU	144SM	P
145	EU	144SM	3HE
145	EU	144SM	A
145	EU	144SM	D
145	EU	144SM	A
145	EU	144SM	7LI
145	EU		HI
145	GD	145GD	IT
145	GD	145TB	EC
145	GD	144SM	3HE
145	GD	144SM	A
145	GD	114CD	36S
145	GD	110PD	40AR
145	HO		HI
145	LA	145BA	B-
145	LA	248CM	SF
145	LA	252CF	SF
145	ND	145PR	B-
145	ND	145PM	EC
145	ND	136XE	13C
145	ND	144ND	N
145	ND	144ND	N
145	ND	144ND	D
145	ND	144ND	A
145	ND	145ND	N
145	ND	145ND	P
145	ND	COULOMB	EXCITATION
145	ND	146ND	P
145	ND	146ND	D
145	ND	146ND	3HE
145	ND	146ND	3HE
145	PM	145SM	EC
145	PM	144ND	3HE
145	PM	145ND	P
145	PM	146ND	P
145	PM		HI
145	PR	145CE	B-
145	PR	146ND	D

145	PR	252CF	SF
145	SM	146SM	POL
145	SM	145EU	EC
145	SM	142ND	A
145	SM	144ND	A
145	SM	144SM	N
145	SM	144SM	D
145	SM	144SM	A
145	SM	144SM	13C
145	SM	145ND	A
145	SM	124SN	29SI
145	SM		HI
145	TB	145DY	EC
145	TB		HI
145	TB	118SN	32S
145	TB	145DY	EC
145	TM	58NI	92MO
146	BA	146CS	B-
146	BA	248CM	SF
146	BA	252CF	SF
146	BA	235U	N
146	CE	146LA	B-
146	CE	146LA	B-
146	CE	252CF	SF
146	CE	235U	N
146	DY	146HO	EC
146	DY	146DY	IT
146	DY		HI
146	DY	147ER	ECP
146	ER	147TM	P
146	EU	146GD	EC
146	EU	150TB	A
146	EU	147SM	P
146	EU	144SM	3HE
146	EU	147SM	A
146	EU		HI
146	GD	146TB	EC
146	GD	146TB	EC
146	GD	150DY	A
146	GD	148GD	P
146	GD	144SM	A
146	GD	148SM	A
146	GD	144SM	3HE
146	GD	SM	3HE
146	GD	144SM	12C
146	GD	144SM	16O
146	GD		HI

146	GD		HI
146	LA	146BA	B-
146	LA	252CF	254CF
146	LA	235U	N
146	ND	146PR	B-
146	ND	146PM	EC
146	ND	145ND	N
146	ND	145ND	N
146	ND	146ND	G
146	ND	146ND	N
146	ND	COULOMB	EXCITATION
146	ND	144ND	T
146	ND	146ND	E
146	ND	146ND	P
146	ND	148ND	P
146	ND	149SM	N
146	ND	150ND	A
146	ND	136XE	13C
146	PM	146ND	P
146	PM		HI
146	PR	146CE	B-
146	PR	252CF	SF
146	SM	146PM	B-
146	SM	146EU	EC
146	SM	150GD	A
146	SM	139LA	11B
146	SM	ND	A
146	SM	144SM	T
146	SM	147SM	D
146	SM	147SM	3HE
146	SM	148SM	P
146	TB	146DY	EC
146	TB	146TB	IT
146	TB	115IN	34S
146	TB	118SN	32S
146	TB	144SM	6LI
146	TM		HI
147	BA	147CS	B-
147	BA	148CS	B-N
147	BA	248CM	SF
147	BA	252CF	SF
147	CE	147LA	B-
147	CE	248CM	SF
147	CE	252CF	SF
147	CE	238U	12C
147	EU	147GD	EC
147	EU	151TB	A

147	EU	124SN	28SI
147	EU	124SN	29SI
147	EU	139LA	13C
147	EU	143ND	7LI
147	EU	148SM	P
147	GD	147GD	IT
147	GD	147TB	EC
147	GD	147TB	EC
147	GD	151DY	A
147	GD	144SM	A
147	GD	147SM	3HE
147	GD	147SM	A
147	GD	148SM	A
147	GD		HI
147	LA	147BA	B-
147	LA	248CM	SF
147	LA	252CF	SF
147	ND	147PR	B-
147	ND	146ND	N
147	ND	146ND	D
147	ND	148ND	D
147	ND	148ND	3HE
147	ND	238U	12C
147	PM	147ND	B-
147	PM	151EU	A
147	PM	136XE	15N
147	PM	146ND	POL
147	PM	146ND	3HE
147	PM	146ND	A
147	PM	148ND	P
147	PM	148ND	D
147	PM	148SM	D
147	PM	148SM	T
147	PM	150SM	P
147	PR	147CE	B-
147	PR	252CF	SF
147	PR	148ND	T
147	SM	147PM	B-
147	SM	147EU	EC
147	SM	151GD	A
147	SM	148ND	3HE
147	SM	147SM	P
147	SM	147SM	N
147	SM	147SM	D
147	SM	148SM	P
147	SM	148SM	D
147	SM	148SM	3HE

147	SM	149SM	P
147	SM	151EU	MU-
147	SM	COULOMB	EXCITATION
148	BA	148CS	B-
148	BA	248CM	SF
148	BA	252CF	SF
148	BA	254CF	SF
148	CE	148LA	B-
148	CE	149LA	B-N
148	CE	252CF	SF
148	CE	235U	N
148	DY	148HO	EC
148	DY	148HO	EC
148	DY	149ER	ECP
148	DY	149ER	ECP
148	DY	152ER	A
148	DY		HI
148	ER	148TM	EC
148	ER	149YB	ECP
148	ER	92MO	58NI
148	EU	148EU	IT
148	EU	124SN	29SI
148	EU	130TE	27AL
148	EU	139LA	13C
148	EU	150SM	P
148	GD	148TB	EC
148	GD	148TB	EC
148	GD	152DY	A
148	GD	148GD	P
148	GD		HI
148	GD		HI
148	HO	148HO	IT
148	HO	148ER	EC
148	HO	149TM	ECP
148	HO	112SN	40AR
148	LA	148BA	B-
148	LA	149BA	B-N
148	LA	252CF	SF
148	ND	148PR	B-
148	ND	148PR	B-
148	ND	146ND	T
148	ND	148ND	D
148	ND	COULOMB	EXCITATION
148	ND	150ND	P
148	ND	148ND	N
148	ND	150ND	A
148	ND	148ND	P

148	ND	148ND	G
148	PM	148PM	IT
148	PM	148ND	P
148	PM	149SM	D
148	PR	148CE	B-
148	PR	148PR	IT
148	SM	148ND	2B-
148	SM	148PM	B-
148	SM	148PM	B-
148	SM	148EU	EC
148	SM	152GD	A
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	N
148	SM	147SM	D
148	SM	148SM	G
148	SM	148SM	E
148	SM	148SM	N
148	SM	148SM	P
148	SM	148SM	D
148	SM	149SM	D
148	SM	150SM	P
148	SM	151EU	MU-
148	SM	COULOMB	EXCITATION
148	SM		HI
148	TB	148DY	EC
148	TB	152HO	A
148	TB	152HO	A
148	TB		HI
149	BA	149CS	B-
149	BA	150CS	B-N
149	CE	149LA	B-
149	CE	150LA	B-N
149	CE	248CM	SF
149	CE	252CF	SF
149	DY	149HO	EC
149	DY	149HO	EC
149	DY	149DY	IT
149	DY	153ER	A
149	DY	120SN	32S
149	DY	122SN	32S
149	DY	136CE	16O
149	DY	141PR	16O
149	DY	152GD	A

149	ER	149TM	EC
149	ER	149ER	IT
149	ER	92MO	60NI
149	EU	149GD	EC
149	EU	139LA	13C
149	EU	145ND	7LI
149	EU	148SM	P
149	EU	148SM	3HE
149	EU	148SM	A
149	EU	149SM	D
149	EU	149SM	3HE
149	EU	150SM	P
149	EU	150SM	D
149	EU	151EU	P
149	EU	152SM	P
149	GD	149TB	EC
149	GD	149TB	EC
149	GD	153DY	A
149	GD	124SN	30SI
149	GD	147SM	A
149	GD	150SM	A
149	HO	149ER	EC
149	HO	149ER	EC
149	HO	150TM	ECP
149	HO	153TM	A
149	HO	153TM	A
149	HO	112SN	40AR
149	HO	121SB	32S
149	LA	149BA	B-
149	LA	248CM	SF
149	ND	149PR	B-
149	ND	252CF	SF
149	ND	148ND	N
149	ND	148ND	N
149	ND	148ND	D
149	ND	148ND	D
149	ND	150ND	P
149	ND	150ND	POL
149	ND	150ND	3HE
149	ND	150ND	3HE
149	ND	150SM	MU-
149	ND	238U	12C
149	PM	149ND	B-
149	PM	148ND	3HE
149	PM	148ND	A
149	PM	150ND	P
149	PM	150ND	D

149	PM	150SM	MU-
149	PM	150SM	D
149	PM	150SM	POL
149	PM	152SM	P
149	PR	149CE	B-
149	PR	248CM	252CF
149	PR	252CF	SF
149	PR	150ND	D
149	SM	149PM	B-
149	SM	149EU	EC
149	SM	MUONIC	ATOM
149	SM	146ND	A
149	SM	148ND	A
149	SM	148SM	N
149	SM	148SM	N
149	SM	148SM	D
149	SM	148SM	A
149	SM	148SM	16O
149	SM	149SM	G
149	SM	149SM	D
149	SM	COULOMB	EXCITATION
149	SM	150SM	N
149	SM	150SM	P
149	SM	150SM	D
149	SM	150SM	3HE
149	SM	151SM	P
149	SM	151EU	MU-
149	TB	149DY	EC
149	TB	149DY	EC
149	TB	153HO	A
149	TB	153HO	A
149	TB	122SN	31P
149	TB	128TE	27AL
149	TB	142ND	10B
149	TB	144SM	7LI
149	TB	148GD	3HE
149	TB	151EU	A
149	YB	150LU	P
149	YB	150LU	P
150	CE	252CF	SF
150	CE	150LA	B-
150	DY	150HO	EC
150	DY	150HO	EC
150	DY	154ER	A
150	DY	124SN	32S
150	DY	152GD	A
150	DY	114CD	40AR

150	DY	144SM	12C
150	DY	141PR	16O
150	ER	150TM	EC
150	ER	151YB	ECP
150	ER	154YB	A
150	ER		HI
150	ER		HI
150	ER		HI
150	EU	150SM	P
150	EU	152SM	P
150	EU	136XE	19F
150	EU	148ND	7LI
150	EU	152EU	P
150	GD	150EU	B-
150	GD	150TB	EC
150	GD	150TB	EC
150	GD	154DY	A
150	GD		HI
150	GD		HI
150	GD	148SM	A
150	GD	150SM	A
150	GD	151EU	P
150	GD	152GD	P
150	HO	154TM	A
150	HO	154TM	A
150	HO	150ER	EC
150	HO		HI
150	ND	148ND	T
150	ND	150ND	N
150	ND	150ND	D
150	ND	COULOMB	EXCITATION
150	ND	154SM	D
150	ND	150PR	B-
150	ND	150ND	E
150	ND	150ND	P
150	ND	150ND	G
150	ND	150ND	P
150	ND	252CF	SF
150	PM	150ND	P
150	PM	152SM	D
150	PM	150ND	3HE
150	PR	150CE	B-
150	PR	252CF	SF
150	SM	150PM	B-
150	SM	150EU	EC
150	SM	150EU	EC
150	SM	148ND	A

150	SM	148SM	T
150	SM	149SM	N
150	SM	149SM	N
150	SM	149SM	N
150	SM	149SM	D
150	SM	150ND	A
150	SM	150SM	P
150	SM	150SM	D
150	SM	COULOMB	EXCITATION
150	SM	151SM	D
150	SM	151SM	3HE
150	SM	152SM	P
150	SM	150SM	P
150	SM	150SM	G
150	SM	149SM	N
150	SM	136XE	18O
150	TB	150DY	EC
150	TB	154HO	A
150	TB	154HO	A
150	TB		HI
150	TM	92MO	60NI
150	YB	151LU	P
150	YB	151LU	P
151	CE	248CM	SF
151	EU	151SM	B-
151	EU	MUONIC	ATOM
151	EU	151GD	EC
151	EU	136XE	19F
151	EU	148ND	6LI
151	EU	150ND	6LI
151	EU	150SM	3HE
151	EU	150SM	A
151	EU	151EU	G
151	EU	151EU	G
151	EU	151EU	N
151	EU	151EU	P
151	EU	151EU	D
151	EU	COULOMB	EXCITATION
151	EU	152SM	P
151	EU	152SM	P
151	EU	152SM	P
151	EU	152SM	D
151	EU	152EU	D
151	EU	153EU	P
151	EU	154SM	P
151	GD	151TB	EC
151	GD	151TB	EC

151	GD	130TE	26MG
151	GD	149SM	A
151	GD	152GD	D
151	GD	152GD	3HE
151	ND	151PR	B-
151	ND	150ND	N
151	ND	150ND	D
151	ND	150ND	D
151	ND	252CF	SF
151	PM	151ND	B-
151	PM	150ND	3HE
151	PM	150ND	A
151	PM	150ND	A
151	PM	152SM	D
151	PM	152SM	POL
151	PR	151CE	B-
151	PR	151CE	B-
151	PR	252CF	SF
151	SM	151PM	B-
151	SM	149SM	T
151	SM	150ND	A
151	SM	150SM	N
151	SM	150SM	D
151	SM	150SM	4HE
151	SM	COULOMB	EXCITATION
151	SM	152SM	P
151	SM	152SM	D
151	SM	152SM	3HE
151	SM	152EU	T
151	SM	153EU	MU
152	DY	152HO	EC
152	DY	152HO	EC
152	DY	GD	A
152	DY	108PD	48CA
152	DY	156ER	A
152	ER	152TM	EC
152	ER	152TM	EC
152	ER	153YB	B+P
152	ER	156YB	A
152	ER		HI
152	EU	152EU	IT
152	EU	150ND	7LI
152	EU	151SM	3HE
152	EU	151EU	N
152	EU	151EU	N
152	EU	151EU	N
152	EU	151EU	D

152	EU	152EU	P
152	EU	153EU	P
152	EU	154SM	P
152	EU	154EU	P
152	GD	152EU	B-
152	GD	152EU	B-
152	GD	152TB	EC
152	GD	152TB	EC
152	GD	150SM	A
152	GD	152GD	D
152	GD	COULOMB	EXCITATION
152	GD	153EU	P
152	GD	154GD	P
152	GD	148ND	9BE
152	GD	124SN	36S
152	HO	152ER	EC
152	HO	156TM	A
152	HO		HI
152	ND	152PR	B-
152	ND	252CF	SF
152	ND	150ND	T
152	ND	248CM	SF
152	PM	152ND	B-
152	PR	152CE	B-
152	PR	252CF	SF
152	SM	152PM	B-
152	SM	152PM	B-
152	SM	152PM	B-
152	SM	152EU	EC
152	SM	152EU	EC
152	SM	150ND	A
152	SM	151SM	N
152	SM	151SM	D
152	SM	152SM	G
152	SM	152SM	N
152	SM	COULOMB	EXCITATION
152	SM	152SM	X
152	SM	153EU	T
152	SM	154SM	P
152	SM	MUONIC	ATOM
152	SM	252CF	SF
152	SM	150SM	T
152	SM	150SM	T
152	SM	155GD	N
152	SM	154SM	12C
152	SM	152SM	G
152	SM	154SM	A

152	SM	154SM	208PB
152	SM	152SM	A
152	SM	151SM	N
152	TB		HI
152	TB	152TB	IT
152	TB	152DY	EC
152	TM	152TM	IT
152	TM	152YB	EC
152	TM	156LU	A
152	TM	156LU	A
152	YB	152YB	IT
152	YB	152LU	EC
152	YB	156HF	A
152	YB	156HF	A
153	DY	153HO	EC
153	DY	153HO	EC
153	DY	110PD	48CA
153	DY	152GD	A
153	DY		HI
153	ER	153TM	EC
153	ER	153TM	EC
153	ER	157YB	A
153	ER	144SM	14N
153	EU	153SM	B-
153	EU	153GD	EC
153	EU	150ND	7LI
153	EU	151EU	T
153	EU	152SM	3HE
153	EU	152SM	A
153	EU	152EU	N
153	EU	152EU	D
153	EU	153EU	G
153	EU	153EU	N
153	EU	153EU	P
153	EU	COULOMB	EXCITATION
153	EU	154SM	P
153	EU	154SM	D
153	EU	154GD	T
153	GD	153GD	IT
153	GD	153GD	IT
153	GD	153TB	EC
153	GD	150SM	A
153	GD	152SM	A
153	GD	152GD	N
153	GD	152GD	D
153	GD	154GD	P
153	GD	154GD	D

153	GD	154GD	3HE
153	GD	155GD	P
153	HO	153ER	EC
153	HO	120SN	37CL
153	HO	139LA	20NE
153	HO		HI
153	LU	153LU	IT
153	LU	157TA	A
153	LU	157TA	A
153	LU	157TA	A
153	ND	153PR	B-
153	ND	252CF	SF
153	PM	153ND	B-
153	PM	252CF	SF
153	PM	154SM	D
153	PM	154SM	POL
153	PR	248CM	SF
153	PR	252CF	SF
153	SM	153PM	B-
153	SM	153SM	IT
153	SM	151SM	T
153	SM	152SM	N
153	SM	152SM	N
153	SM	152SM	N
153	SM	152SM	D
153	SM	152SM	A
153	SM	154SM	P
153	SM	154SM	D
153	SM	154SM	3HE
153	SM	154EU	T
153	SM		HI
153	TB	153TB	IT
153	TB	153DY	EC
153	TB	124SN	37CL
153	TB	139LA	18O
153	TB	151EU	A
153	TB	152GD	3HE
153	TB	152GD	A
153	TM	153YB	EC
153	TM	154LU	ECP
153	TM	157LU	A
153	TM		HI
153	YB	153YB	IT
153	YB	153LU	EC
153	YB	157HF	A
154	EU	153EU	N
154	EU	153EU	N

154	EU	153EU	N
154	EU	153EU	N
154	EU	154SM	3HE
154	EU	153EU	D
154	EU	154EU	IT
154	EU	154EU	P
154	GD	153GD	N
154	GD	150ND	9BE
154	GD	154EU	B-
154	GD	154TB	EC
154	GD	154TB	EC
154	GD	154TB	EC
154	GD	COULOMB	EXCITATION
154	GD	152SM	A
154	GD	156GD	P
154	GD	152GD	T
154	GD	153EU	3HE
154	GD	154GD	D
154	GD	154GD	E
154	ND	252CF	248CM
154	ND	154PR	B-
154	SM	154SM	N
154	SM	154SM	G
154	SM	INELASTIC	SCATTERING
154	SM	154PM	B-
154	SM	154PM	B-
154	SM	COULOMB	EXCITATION
154	SM	152SM	T
154	SM	154EU	EC
155	EU	155SM	B-
155	EU	154SM	7LI
155	EU	153EU	2N
155	EU	154SM	A
155	EU	156GD	T
155	EU	154SM	3HE
155	EU	154SM	3HE
155	EU	153EU	T
155	GD	155EU	B-
155	GD	155GD	IT
155	GD	155TB	EC
155	GD	150ND	12C
155	GD	154SM	A
155	GD	154GD	N
155	GD	154GD	D
155	GD	155GD	G
155	GD	155GD	D
155	GD	156GD	P

155	GD	156GD	D
155	GD	156GD	3HE
155	GD	157GD	P
155	GD	COULOMB	EXCITATION
155	ND	252CF	SF
155	PM	155ND	B-
155	PM	252CF	SF
155	SM	155PM	B-
155	SM	154SM	N
155	SM	154SM	D
155	SM	154SM	D
155	SM	239PU	N
155	SM		HI
155	TB	155DY	EC
155	TB	153EU	A
155	TB	154GD	3HE
155	TB		HI
156	DY		HI
156	DY	156HO	EC
156	DY	156HO	EC
156	DY	159TB	P
156	DY	158DY	P
156	DY	156DY	D
156	DY	165HO	PI-
156	DY	COULOMB	EXCITATION
156	ER	114CD	48CA
156	ER	114CD	48CA
156	ER	156TM	EC
156	ER		HI
156	EU	153EU	3N
156	EU	156SM	B-
156	EU	154EU	T
156	GD	156DY	2EC
156	GD	155GD	N
156	GD	155GD	N
156	GD	155GD	N
156	GD	156GD	N
156	GD	154SM	A
156	GD	150ND	13C
156	GD	COULOMB	EXCITATION
156	GD	155GD	D
156	GD	157GD	D
156	GD	156GD	P
156	GD	156GD	G
156	GD	158GD	P
156	GD	154GD	T
156	GD	156EU	B-

156	GD	156TB	EC
156	HF	102PD	58NI
156	HF	156TA	EC
156	HF	156TA	EC
156	HF	160W	A
156	HO	156HO	IT
156	HO	156HO	IT
156	HO	148ND	14N
156	HO	156ER	EC
156	LU	102PD	58NI
156	LU	160TA	A
156	LU	160TA	A
156	ND	248CM	252CF
156	PM	156ND	B-
156	PM	156PM	IT
156	PM	252CF	SF
156	SM	156PM	B-
156	SM		HI
156	SM	156PM	B-
156	SM	252CF	SF
156	SM	154SM	T
156	TB	150ND	11B
156	TB	155GD	3HE
156	TB	156TB	IT
156	TB	156TB	IT
156	TM	147SM	14N
156	TM	156YB	EC
156	YB	144SM	16O
156	YB	160HF	A
157	DY	157DY	IT
157	DY	157HO	EC
157	DY	150ND	12C
157	DY	GD	A
157	DY	156DY	D
157	ER	157TM	EC
157	ER	114CD	48CA
157	ER	114CD	48CA
157	ER		HI
157	EU	157SM	B-
157	EU	158GD	POL
157	EU	160GD	P
157	GD	157EU	B-
157	GD	157GD	IT
157	GD	157TB	EC
157	GD	161DY	A
157	GD	155GD	T
157	GD	156GD	N

157	GD	156GD	N
157	GD	156GD	N
157	GD	156GD	N
157	GD	156GD	D
157	GD	157GD	G
157	GD	157GD	N
157	GD	157GD	D
157	GD	158GD	P
157	GD	158GD	D
157	GD	COULOMB	EXCITATION
157	HO	157ER	EC
157	HO	156DY	3HE
157	HO		HI
157	PM	9BE	238U
157	SM	157PM	B-
157	SM	252CF	SF
157	TB	157DY	EC
157	TB	154SM	7LI
157	TB	156GD	3HE
157	TB	157GD	D
157	TB	158TB	P
157	TB	159TB	P
157	TM	157YB	EC
157	TM		HI
158	DY	158TB	B-
158	DY	158HO	EC
158	DY	158HO	EC
158	DY	130TE	36S
158	DY	150ND	12C
158	DY	156DY	T
158	DY	158DY	D
158	DY	COULOMB	EXCITATION
158	DY	159TB	P
158	DY	159TB	6LI
158	DY	160DY	P
158	DY	165HO	PI-
158	DY		HI
158	ER	158TM	EC
158	ER		HI
158	ER	114CD	48CA
158	EU	158SM	B-
158	EU	252CF	SF
158	GD	158EU	B-
158	GD	158GD	IT
158	GD	158TB	EC
158	GD	156GD	T
158	GD	157GD	N

158	GD	157GD	D
158	GD	158GD	G
158	GD	158GD	G
158	GD	158GD	P
158	GD	158GD	N
158	GD	158GD	D
158	GD	159TB	POL
158	GD	160GD	P
158	GD	COULOMB	EXCITATION
158	HF	162W	A
158	HF	PD	58NI
158	HO	158ER	EC
158	HO	158HO	IT
158	HO	159TB	A
158	HO	152SM	11B
158	LU	162TA	A
158	ND	158ND	IT
158	PM	158PM	IT
158	SM	252CF	SF
158	SM	158PM	B-
158	TA	158TA	IT
158	TA	162RE	A
158	TA	162RE	A
158	TA	102PD	58NI
158	TB	159TB	D
158	TB	158TB	IT
158	TB	158TB	IT
158	TB	154SM	7LI
158	TB	157GD	3HE
158	TB	159TB	3HE
158	TB	161DY	P
158	TM	158YB	EC
158	TM		HI
158	W	159RE	P
158	W	162OS	A
158	W	102PD	58NI
158	YB	158LU	EC
158	YB	162HF	A
158	YB		HI
159	DY	159HO	EC
159	DY	160DY	D
159	DY	158GD	A
159	DY	159DY	IT
159	DY		HI
159	DY	158DY	D
159	ER		HI
159	ER	159TM	EC

159	ER	116CD	48CA
159	EU	160GD	POL
159	EU	159SM	B-
159	GD	159EU	B-
159	GD	158GD	D
159	GD	160GD	D
159	GD	158GD	N
159	GD	158GD	N
159	GD	159GD	IT
159	GD	158GD	N
159	GD	158GD	N
159	GD	157GD	T
159	HF	163W	A
159	HF	PD	58NI
159	HO	159ER	EC
159	HO	159TB	A
159	HO	152SM	11B
159	HO	158DY	3HE
159	HO	158DY	A
159	HO	162ER	P
159	HO	159HO	IT
159	LU	163TA	A
159	LU	144SM	19F
159	SM	252CF	SF
159	SM	159PM	B-
159	TA	106CD	58NI
159	TA	163RE	A
159	TA	163RE	A
159	TB	159GD	B-
159	TB	159DY	EC
159	TB	COULOMB	EXCITATION
159	TB	158GD	3HE
159	TB	160GD	P
159	TB	159TB	G
159	TB	159TB	N
159	TM		HI
159	TM	159YB	EC
159	YB	159LU	EC
159	YB		HI
160	DY	160TB	B-
160	DY	160HO	EC
160	DY	158GD	A
160	DY	158GD	7LI
160	DY	158DY	T
160	DY	160GD	37CL
160	DY	160DY	G
160	DY	160DY	P

160	DY	160DY	D
160	DY	161DY	D
160	DY	161DY	3HE
160	DY	162DY	P
160	DY	COULOMB	EXCITATION
160	ER	160TM	EC
160	ER	160TM	EC
160	ER		HI
160	ER	116CD	48CA
160	GD	160EU	B-
160	GD	160EU	B-
160	GD	252CF	SF
160	GD	158GD	T
160	GD	160GD	G
160	GD	160GD	P
160	GD	160GD	N
160	GD	160GD	D
160	GD	COULOMB	EXCITATION
160	HF	164W	A
160	HF		HI
160	HO	160HO	IT
160	HO	160HO	IT
160	HO	160ER	EC
160	HO		HI
160	LU	160HF	EC
160	LU	164TA	A
160	LU	144SM	19F
160	ND	160ND	IT
160	RE	160RE	IT
160	RE	164IR	A
160	RE	106CD	58NI
160	SM	160SM	IT
160	SM	252CF	SF
160	TA	164RE	A
160	TA	164RE	A
160	TB	159TB	N
160	TB	159TB	D
160	TB	160GD	P
160	TB	161DY	T
160	TM	160TM	IT
160	TM	160YB	EC
160	TM		HI
160	TM	128TE	37CL
160	W	161RE	P
160	W	161RE	P
160	W	164OS	A
160	W	106CD	58NI

160	YB	160LU	EC
160	YB	186W	N
160	YB	120SN	44CA
160	YB		HI
161	DY	162DY	D
161	DY	160DY	D
161	DY	160DY	N
161	DY	160GD	A
161	DY	161DY	G
161	DY	161HO	EC
161	DY	COULOMB	EXCITATION
161	DY	161TB	B-
161	DY	161DY	3HE
161	DY	161DY	N
161	DY	160GD	7LI
161	DY	160GD	37CL
161	ER		HI
161	ER	161TM	EC
161	ER	162ER	D
161	ER	161ER	IT
161	ER	160DY	A
161	GD	160GD	D
161	GD	160GD	N
161	GD	161EU	B-
161	HF	165W	A
161	HF	110PD	56FE
161	HF	126TE	40CA
161	HO	160GD	7LI
161	HO	161ER	EC
161	HO	159TB	A
161	HO	160DY	3HE
161	HO	162ER	POL
161	HO	164ER	P
161	HO	161HO	IT
161	LU	161LU	IT
161	LU	161HF	EC
161	LU	120SN	45SC
161	LU	139LA	28SI
161	PM	161PM	IT
161	RE	106CD	58NI
161	RE	165IR	A
161	TA	165RE	A
161	TA	165RE	A
161	TA	106CD	58NI
161	TB	160GD	P
161	TB	161GD	B-
161	TB	160GD	3HE

161	TB	162DY	T
161	TM	128TE	37CL
161	TM	152SM	14N
161	TM	128TE	37CL
161	TM	161YB	EC
161	YB	148SM	16O
161	YB	161LU	EC
162	DY	162TB	B-
162	DY	162HO	EC
162	DY	162HO	EC
162	DY	161DY	N
162	DY	161DY	N
162	DY	161DY	N
162	DY	162DY	N
162	DY	160GD	A
162	DY	163DY	3HE
162	DY	161DY	61NI
162	DY	MUONIC	ATOM:
162	DY	COULOMB	EXCITATION
162	DY	162DY	G
162	DY	160DY	T
162	DY	161DY	D
162	DY	162DY	D
162	DY	163DY	D
162	DY	164DY	P
162	DY	166ER	D
162	DY	161DY	A
162	DY	163DY	3HE
162	DY	160GD	7LI
162	DY	118SN	162DY
162	DY	160GD	37CL
162	ER	162TM	EC
162	ER	162TM	EC
162	ER	162ER	D
162	ER	COULOMB	EXCITATION
162	ER	165HO	P
162	GD	160GD	T
162	GD	252CF	SF
162	HO	160GD	7LI
162	HO	162HO	IT
162	HO	162DY	D
162	LU	162HF	EC
162	LU		HI
162	LU	147SM	19F
162	LU	100MO	65CU
162	TB	162GD	B-
162	TB	163DY	T

162	TM	162TM	IT
162	TM	162YB	EC
162	TM	130TE	37CL
162	YB	162LU	EC
162	YB		HI
162	YB	186W	N
163	DY	163TB	B-
163	DY	163HO	EC
163	DY	160GD	7LI
163	DY	161DY	T
163	DY	162DY	N
163	DY	162DY	D
163	DY	163DY	G
163	DY	163DY	N
163	DY	163DY	P
163	DY	COULOMB	EXCITATION
163	DY	164DY	D
163	DY	164DY	3HE
163	DY	165HO	MU-
163	ER	163TM	EC
163	ER	150ND	18O
163	ER	161DY	A
163	ER	162ER	D
163	ER	164ER	D
163	HO	163DY[+66]	B-
163	HO	163HO	IT
163	HO	163ER	EC
163	HO	160GD	11B
163	HO	162DY	P
163	HO	162DY	3HE
163	HO	162DY	A
163	HO	163DY	D
163	HO	164ER	POL
163	HO	165HO	P
163	LU	163HF	EC
163	LU	139LA	28SI
163	LU	139LA	29SI
163	TB	163GD	B-
163	TB	164DY	D
163	TB	164DY	T
163	TM	163YB	EC
163	TM	130TE	37CL
163	TM	148ND	19F
163	TM	165HO	3HE
163	YB	163LU	EC
163	YB		HI
164	DY	164TB	B-

164	DY	164HO	EC
164	DY	MUONIC	ATOM
164	DY	118SN	162DY
164	DY	162DY	T
164	DY	163DY	N
164	DY	163DY	N
164	DY	163DY	N
164	DY	163DY	D
164	DY	163DY	D
164	DY	164DY	G
164	DY	164DY	E
164	DY	164DY	N
164	DY	164DY	P
164	DY	164DY	D
164	DY	COULOMB	EXCITATION
164	DY	165HO	T
164	ER	164HO	B-
164	ER	164TM	EC
164	ER	164TM	EC
164	ER	150ND	18O
164	ER	160GD	9BE
164	ER	160GD	9BE
164	ER	162DY	A
164	ER	164ER	G
164	ER	164ER	N
164	ER	164ER	D
164	ER	COULOMB	EXCITATION
164	ER	166ER	P
164	GD	164EU	B-
164	GD	164GD	IT
164	GD	252CF	SF
164	HF	164TA	EC
164	HF	168W	A
164	HF	94ZR	74GE
164	HF	120SN	48TI
164	HF	148SM	20NE
164	HO	164HO	IT
164	HO	160GD	11B
164	HO	164DY	P
164	HO	165HO	G
164	HO	165HO	G
164	HO	165HO	D
164	LU	164HF	EC
164	LU	121SB	48CA
164	LU	139LA	29SI
164	LU	139LA	30SI
164	LU	146ND	23NA

164	LU	150SM	19F
164	SM	164SM	IT
164	TM	164YB	EC
164	TM	164TM	IT
164	TM	150ND	19F
164	TM	154SM	14N
164	YB	164LU	EC
164	YB	124SN	44CA
164	YB	152SM	16O
164	YB	186W	N
165	DY	165TB	B-
165	DY	165DY	IT
165	DY	163DY	T
165	DY	164DY	N
165	DY	164DY	N
165	DY	164DY	D
165	ER	165TM	EC
165	ER	164DY	A
165	ER	164ER	N
165	ER	164ER	D
165	ER	165HO	P
165	ER	166ER	D
165	ER	166ER	3HE
165	ER	167ER	P
165	HF	165TA	EC
165	HF	130TE	40CA
165	HF	148SM	22NE
165	HO	165DY	B-
165	HO	165DY	B-
165	HO	165ER	EC
165	HO	164DY	3HE
165	HO	164DY	A
165	HO	165HO	G
165	HO	165HO	G
165	HO	165HO	E
165	HO	165HO	N
165	HO	165HO	N
165	HO	COULOMB	EXCITATION
165	HO	166ER	D
165	HO	166ER	POL
165	LU	165HF	EC
165	LU	124SN	45SC
165	LU	138BA	31P
165	LU	139LA	30SI
165	LU	150SM	19F
165	LU	153EU	16O
165	TM	165YB	EC

165	TM	154SM	15N
165	TM	158GD	11B
165	TM	164ER	3HE
165	TM	164ER	A
165	TM	165HO	A
165	YB	165LU	EC
165	YB	130TE	40AR
165	YB	150ND	20NE
165	YB	152SM	17O
166	DY	165DY	N
166	DY	164DY	T
166	DY	118SN	164DY
166	DY	166TB	B-
166	ER	166TM	EC
166	ER	166HO	B-
166	ER	166HO	B-
166	ER	166ER	N
166	ER	COULOMB	EXCITATION
166	ER	165HO	3HE
166	ER	166ER	G
166	ER	166ER	D
166	ER	167ER	D
166	ER	164DY	A
166	ER	164ER	T
166	ER	168ER	P
166	ER	166ER	POL
166	GD	166EU	B-
166	GD	166GD	IT
166	HF	166TA	EC
166	HF		HI
166	HF	96ZR	74GE
166	HF	186W	N
166	HO	165HO	N
166	HO	167ER	T
166	HO	165HO	N
166	HO	165HO	D
166	HO	166DY	B-
166	HO	167ER	D
166	HO	166HO	IT
166	HO	165HO	N
166	IR	170AU	A
166	IR	170AU	A
166	LU	166LU	IT
166	LU	166HF	EC
166	LU	139LA	30SI
166	LU	152SM	19F
166	LU	159TB	12C

166	OS	170PT	A
166	OS	106CD	63CU
166	OS	167IR	P
166	OS	167IR	P
166	OS	106CD	64ZN
166	RE	170IR	A
166	RE	170IR	A
166	TA	166W	EC
166	TA	141PR	28SI
166	TB	166GD	B-
166	TM	166YB	EC
166	TM	165HO	A
166	TM	160GD	11B
166	TM	ER	P
166	W	142ND	28SI
166	W	106PD	63CU
166	W	170OS	A
166	W	166RE	EC
166	YB	166LU	EC
166	YB	166LU	EC
166	YB	166LU	EC
166	YB	130TE	40AR
166	YB	168YB	P
166	YB	124SN	48CA
166	YB	186W	N
166	YB	154SM	16O
166	YB	ER	A
167	DY	167TB	B-
167	ER	167HO	B-
167	ER	167ER	IT
167	ER	167TM	EC
167	ER	166ER	N
167	ER	166ER	D
167	ER	167ER	N
167	ER	167ER	D
167	ER	COULOMB	EXCITATION
167	ER	168ER	D
167	ER	168ER	3HE
167	ER	166ER	16O
167	ER	167ER	G
167	ER	167ER	209BI
167	ER	166ER	N
167	HF	167TA	EC
167	HF	GD	16O
167	HF	146ND	26MG
167	HO	167DY	B-
167	HO	168ER	POL

167	HO	170ER	P
167	IR	171AU	A
167	IR	92MO	78KR
167	LU	167HF	EC
167	LU	169TM	3HE
167	LU	123SB	48CA
167	LU	123SB	48CA
167	OS	171PT	A
167	OS	92MO	78KR
167	OS	112SN	58NI
167	RE	171IR	A
167	RE	167OS	EC
167	TA	167W	EC
167	TA	142ND	30SI
167	TA	120SN	51V
167	TM	167YB	EC
167	TM	165HO	A
167	TM	166ER	3HE
167	TM	169TM	P
167	TM	124SN	48CA
167	TM	160GD	11B
167	W	167RE	EC
167	W	171OS	A
167	W	147SM	24MG
167	W	142ND	30SI
167	YB	167LU	EC
167	YB	154SM	17O
167	YB	166ER	A
167	YB	168YB	D
167	YB	124SN	48CA
168	DY	168TB	B-
168	DY	170ER	82SE
168	ER	168HO	B-
168	ER	168TM	EC
168	ER	165HO	A
168	ER	166ER	T
168	ER	167ER	N
168	ER	167ER	N
168	ER	167ER	D
168	ER	168ER	G
168	ER	168ER	E
168	ER	COULOMB	EXCITATION
168	ER	168ER	N
168	ER	168ER	A
168	ER	169TM	POL
168	ER	170ER	P
168	ER	171YB	N

168	ER	168ER	POL
168	ER	168ER	D
168	ER	168ER	238U
168	ER	170ER	136XE
168	HF	168TA	EC
168	HF		HI
168	HF	186W	N
168	HF	96ZR	76GE
168	HO	168DY	B-
168	HO	168HO	IT
168	LU	168HF	EC
168	LU	159TB	13C
168	LU	168LU	IT
168	TM	167ER	3HE
168	TM	167ER	A
168	TM	169TM	D
168	TM	169TM	3HE
168	TM	169TM	G
168	TM	168ER	D
168	TM	164DY	11B
168	YB	168LU	EC
168	YB	168LU	EC
168	YB		HI
168	YB	169TM	P
168	YB	168YB	D
168	YB	COULOMB	EXCITATION
168	YB	170YB	P
168	YB	168TM	B-
168	YB	186W	N
168	YB	171YB	3HE
169	DY	9BE	238U
169	ER	169HO	B-
169	ER	167ER	T
169	ER	168ER	N
169	ER	168ER	N
169	ER	168ER	D
169	ER	168ER	D
169	ER	168ER	16O
169	ER	170ER	3HE
169	ER	170ER	238U
169	HF	169TA	EC
169	HF	159TB	14N
169	HF	130TE	44CA
169	HF	96ZR	76GE
169	HO	170ER	D
169	HO	170ER	POL
169	HO	169DY	B-

169	IR	173AU	A
169	IR	173AU	A
169	IR	112SN	60NI
169	LU	169LU	IT
169	LU	169HF	EC
169	LU	168YB	P
169	LU	169TM	A
169	LU	154SM	19F
169	OS	173PT	A
169	OS	112SN	60NI
169	PT	173HG	A
169	PT	170AU	P
169	PT	170AU	P
169	PT	112SN	60NI
169	RE	173IR	A
169	RE	173IR	A
169	RE	144SM	28SI
169	RE	118SN	55MN
169	TA	155GD	19F
169	TA	169W	EC
169	TA	159TB	16O
169	TA	124SN	51V
169	TM	169ER	B-
169	TM	169YB	EC
169	TM	168ER	P
169	TM	168ER	3HE
169	TM	169TM	G
169	TM	169TM	E
169	TM	COULOMB	EXCITATION
169	TM	170ER	P
169	TM	169TM	G
169	TM	169TM	N
169	TM	169TM	3HE
169	TM	MUONIC	ATOM
169	W	173OS	A
169	W	154GD	20NE
169	W	169RE	EC
169	YB	169YB	IT
169	YB	169LU	EC
169	YB	124SN	48CA
169	YB	167ER	A
169	YB	168YB	N
169	YB	168YB	D
169	YB	171YB	P
169	YB	168YB	N
170	DY	170TB	B-
170	DY	170DY	IT

170	DY	170ER	82SE
170	ER	170HO	B-
170	ER	170HO	B-
170	ER	170TM	EC
170	ER	170ER	G
170	ER	170ER	N
170	ER	170ER	D
170	ER	170ER	136XE
170	ER	170ER	238U
170	ER	COULOMB	EXCITATION
170	HF	170TA	EC
170	HF	124SN	50TI
170	HF	128TE	48CA
170	HF	181TA	PI-
170	HF	186W	N
170	HF		HI
170	IR	174AU	A
170	IR	174AU	A
170	IR	112SN	60NI
170	LU	170LU	IT
170	LU	170HF	EC
170	LU	160GD	14N
170	LU	164DY	11B
170	LU	170YB	3HE
170	OS	170IR	EC
170	OS	170IR	EC
170	OS	174PT	A
170	OS	144SM	29SI
170	PT	171AU	P
170	PT	171AU	P
170	PT	174HG	A
170	PT		HI
170	RE	170OS	EC
170	RE	174IR	A
170	RE	174IR	A
170	RE	118SN	55MN
170	RE	142ND	32S
170	TA	170W	EC
170	TA	124SN	51V
170	TA	159TB	16O
170	TM	169TM	N
170	TM	169TM	N
170	TM	169TM	N
170	TM	169TM	N
170	TM	169TM	D
170	TM	170TM	D
170	TM	170ER	3HE

170	TM	COULOMB	EXCITATION
170	TM	171YB	T
170	W	170RE	EC
170	W	174OS	A
170	W	GD	20NE
170	W	186W	N
170	YB	170TM	B-
170	YB	170LU	EC
170	YB	174HF	A
170	YB	160GD	14C
170	YB	168ER	A
170	YB	169YB	N
170	YB	170ER	A
170	YB	170YB	D
170	YB	COULOMB	EXCITATION
170	YB	171YB	D
170	YB	171YB	3HE
170	YB	172YB	P
171	ER	171HO	B-
171	ER	170ER	N
171	ER	170ER	D
171	ER	170ER	D
171	ER	170ER	12C
171	ER	170ER	238U
171	ER	170ER	N
171	HF	171TA	EC
171	HF		HI
171	HF	171HF	IT
171	HF	160GD	18O
171	HF	128TE	48CA
171	LU	171LU	IT
171	LU	171HF	EC
171	LU	169TM	A
171	LU	170YB	P
171	LU	170YB	3HE
171	LU	160GD	19F
171	LU	159TB	12C
171	RE	175IR	A
171	RE	144SM	30SI
171	RE	123SB	52CR
171	RE	171OS	EC
171	RE	120SN	55MN
171	TA	171W	EC
171	TA	159TB	16O
171	TA	157GD	19F
171	TA	124SN	51V
171	TM	171ER	B-

171	TM	170ER	3HE
171	TM	170ER	7LI
171	TM	170TM	N
171	TM	176YB	136XE
171	TM	170ER	7LI
171	TM	170TM	N
171	W	171RE	EC
171	W	155GD	20NE
171	W	146ND	30SI
171	YB	171TM	B-
171	YB	171LU	EC
171	YB	170ER	A
171	YB	170YB	N
171	YB	170YB	N
171	YB	170YB	D
171	YB	171YB	G
171	YB	COULOMB	EXCITATION
171	YB	172YB	3HE
171	YB	173YB	P
171	YB	170ER	A
171	YB	172YB	P
171	YB	171YB	3HE
171	YB	171YB	G
172	AU	96RU	78KR
172	ER	172HO	B-
172	ER	170ER	T
172	ER	170ER	136XE
172	ER	170ER	238U
172	HF	172HF	IT
172	HF	172TA	EC
172	HF	128TE	48CA
172	HF	181TA	PI-
172	HF	YB	A
172	HF		HI
172	HG	96RU	78KR
172	IR	176AU	A
172	IR	176AU	A
172	LU	172HF	EC
172	LU	172LU	IT
172	LU	172LU	IT
172	LU	171YB	3HE
172	LU	174YB	P
172	OS	172IR	EC
172	OS	172IR	EC
172	OS	176PT	A
172	OS		HI
172	PT	176HG	A

172	PT	116SN	58NI
172	PT	92MO	84SR
172	PT	SN	60NI
172	RE	172OS	EC
172	RE	176IR	A
172	RE	149SM	27AL
172	RE	120SN	55MN
172	TA	172W	EC
172	TA	159TB	18O
172	TA	159TB	18O
172	TM	172ER	B-
172	TM	170ER	7LI
172	W	172RE	EC
172	W	172RE	EC
172	W		HI
172	YB	172TM	B-
172	YB	172LU	EC
172	YB	170ER	A
172	YB	171YB	N
172	YB	171YB	N
172	YB	171YB	D
172	YB	172YB	G
172	YB	172YB	N
172	YB	172YB	3HE
172	YB	172YB	A
172	YB	COULOMB	EXCITATION
172	YB	173YB	D
172	YB	173YB	3HE
172	YB	174YB	P
172	YB	175LU	P
172	YB	173YB	P
172	YB	172YB	D
172	YB	170YB	T
172	YB	MUONIC	ATOM
172	YB	172YB	G
172	YB	171YB	N
172	YB	172YB	POL
173	AU	177TL	A
173	AU	177TL	A
173	AU		HI
173	HF	173TA	EC
173	HF		HI
173	HF	130TE	48CA
173	HG		HI
173	IR	177AU	A
173	IR	177AU	A
173	IR		HI

173	LU	173HF	EC
173	LU	172YB	P
173	LU	173YB	P
173	LU	174YB	P
173	LU	172YB	3HE
173	OS	173IR	EC
173	OS	173IR	EC
173	OS	177PT	A
173	OS		HI
173	PT	177HG	A
173	PT	SN	58NI
173	RE	177IR	A
173	RE		HI
173	TA	173W	EC
173	TA		HI
173	TM	173ER	B-
173	TM	176YB	P
173	W	161DY	16O
173	YB	173TM	B-
173	YB	173LU	EC
173	YB	172YB	N
173	YB	172YB	N
173	YB	COULOMB	EXCITATION
173	YB	174YB	D
173	YB	172YB	D
173	YB	173YB	D
173	YB	174YB	3HE
174	HF	174TA	EC
174	HF	172YB	A
174	HF	175LU	P
174	HF	130TE	48CA
174	HF	130TE	48CA
174	HF	COULOMB	EXCITATION
174	HF	174HF	D
174	LU	176YB	P
174	LU	170ER	7LI
174	LU	174LU	IT
174	LU	174LU	IT
174	LU	174LU	IT
174	LU	173YB	A
174	LU	175LU	3HE
174	LU	175LU	D
174	LU	176LU	P
174	OS	51V	127I
174	OS	146ND	32S
174	OS	150SM	28SI
174	OS	174IR	EC

174	OS	178PT	A
174	PT		HI
174	PT	178HG	A
174	RE	159TB	2ONE
174	RE	174OS	EC
174	TA	160GD	19F
174	TA	169TM	9BE
174	TA	174W	EC
174	TM	174ER	B-
174	W	162DY	16O
174	W	159TB	19F
174	W	169TM	11B
174	W	174RE	EC
174	YB	173YB	N
174	YB	173YB	N
174	YB	173YB	N
174	YB	173YB	N
174	YB	174YB	N
174	YB	174TM	B-
174	YB	174LU	EC
174	YB	174LU	EC
174	YB	COULOMB	EXCITATION
174	YB	174YB	D
174	YB	176YB	P
174	YB	174YB	P
174	YB	174YB	POL
174	YB	173YB	D
174	YB	174YB	E
174	YB	174YB	G
174	YB	172YB	T
174	YB	175LU	T
175	AU	179TL	A
175	AU	179TL	A
175	AU	94MO	84SR
175	HF	175TA	EC
175	HF	174HF	N
175	HF	174YB	A
175	HF	170ER	9BE
175	HF	176HF	D
175	HF	130TE	48CA
175	HG	176TL	P
175	HG	92MO	86SR
175	IR	147SM	32S
175	IR	179AU	A
175	LU	175YB	B-
175	LU	175HF	EC
175	LU	COULOMB	EXCITATION

175	LU	176YB	P
175	LU	174YB	3HE
175	LU	174YB	A
175	LU	176LU	D
175	LU	175LU	G
175	LU	175LU	238U
175	LU	175LU	N
175	OS	150SM	29SI
175	OS	175IR	EC
175	OS	179PT	A
175	PT	144SM	35CL
175	PT	179HG	A
175	RE	161DY	19F
175	RE	156GD	23NA
175	RE	175OS	EC
175	TA	175W	EC
175	TA	175LU	A
175	TA	160GD	19F
175	TA	170ER	10B
175	TM	175ER	B-
175	TM	176YB	POL
175	W	163DY	16O
175	W	175RE	EC
175	YB	175TM	B-
175	YB	174YB	N
175	YB	174YB	D
175	YB	176YB	3HE
175	YB	176YB	48CA
176	AU	94MO	84SR
176	HF	176TA	EC
176	HF	176LU	B-
176	HF	176LU	B-
176	HF	174YB	A
176	HF	176YB	A
176	HF	COULOMB	EXCITATION
176	HF	176HF	N
176	HF	181TA	PI-
176	HF	176LU	P
176	HF	178HF	P
176	HF	175LU	A
176	HF	177HF	D
176	HF	178HF	P
176	HF	176HF	G
176	HF	186W	N
176	HF	130TE	48CA
176	HG	103RH	78KR
176	HG	180PB	A

176	HG	144SM	36AR
176	IR	180AU	A
176	IR	149SM	31P
176	LU	175LU	N
176	LU	175LU	N
176	LU	175LU	N
176	LU	176YB	P
176	LU	COULOMB	EXCITATION
176	LU	175LU	D
176	LU	177HF	T
176	LU	176LU	D
176	LU	176YB	7LI
176	OS	176IR	EC
176	OS	180PT	A
176	OS	164ER	16O
176	OS	152SM	28SI
176	OS	162DY	20NE
176	PT	144SM	35CL
176	PT	180HG	A
176	RE	176OS	EC
176	RE	165HO	16O
176	RE	169TM	12C
176	RE	159TB	22NE
176	TA	176W	EC
176	TA	176HF	D
176	TA	175LU	A
176	TA	170ER	11B
176	TA	170ER	10B
176	W	176RE	EC
176	W	150ND	30SI
176	W	164DY	16O
176	W	169TM	11B
176	W	154SM	26MG
176	W	186W	N
176	W	176HF	A
176	YB	176TM	B-
176	YB	176YB	IT
176	YB	COULOMB	EXCITATION
176	YB	174YB	T
176	YB	176YB	D
176	YB	176YB	P
176	YB	176YB	POL
176	YB	176LU	EC
176	YB	176YB	G
176	YB	176YB	N
176	YB	176YB	48CA
177	AU	181TL	A

177	AU	181TL	A
177	AU		HI
177	HF	177HF	IT
177	HF	177HF	IT
177	HF	177LU	B-
177	HF	177LU	B-
177	HF	177TA	EC
177	HF	176YB	A
177	HF	COULOMB	EXCITATION
177	HF	176HF	N
177	HF	177HF	G
177	HF	176HF	D
177	HF	178HF	3HE
177	HF	177HF	N
177	HF	176YB	9BE
177	HG	181PB	A
177	HG	144SM	36AR
177	IR	177PT	EC
177	IR	181AU	A
177	IR		HI
177	LU	177LU	IT
177	LU	177YB	B-
177	LU	176LU	N
177	LU	176LU	D
177	LU	176YB	3HE
177	LU	178HF	T
177	LU		HI
177	OS	177IR	EC
177	OS	181PT	A
177	OS	164ER	17O
177	PT	181HG	A
177	PT	149SM	32S
177	RE		HI
177	RE	177OS	EC
177	TA	177W	EC
177	TA	170ER	11B
177	TA	175LU	A
177	TA	11B	208PB
177	TA	176HF	A
177	TA	176HF	3HE
177	W	177RE	EC
177	W	177HF	A
177	W	164DY	18O
177	YB	177YB	IT
177	YB	177TM	B-
177	YB	176YB	N
177	YB	176YB	D

177	YB		HI
178	AU	182TL	A
178	HF	178LU	B-
178	HF	178LU	B-
178	HF	178HF	IT
178	HF	178HF	IT
178	HF	178TA	EC
178	HF	178TA	EC
178	HF	176YB	A
178	HF	176YB	9BE
178	HF	177HF	N
178	HF	177HF	N
178	HF	177HF	N
178	HF	COULOMB	EXCITATION
178	HF	177HF	D
178	HF	178HF	N
178	HF	178HF	POL
178	HF	180HF	P
178	HF	181TA	P
178	HF	178HF	G
178	HG	182PB	A
178	HG		HI
178	IR	182AU	A
178	IR	178PT	EC
178	IR		HI
178	LU	178YB	B-
178	LU	179HF	T
178	LU	176LU	T
178	OS	178IR	EC
178	OS	182PT	A
178	OS		HI
178	PT	182HG	A
178	PT	178AU	EC
178	PT		HI
178	PT	179HG	ECP
178	RE	165HO	18O
178	RE	178OS	EC
178	TA	178W	EC
178	TA	176YB	7LI
178	TA	176LU	A
178	TA	177HF	3HE
178	TA	178HF	P
178	TA	178HF	D
178	W	178RE	EC
178	W	48CA	136XE
178	W	164DY	18O
178	W	170ER	13C

178	W	177HF	A
178	W	180W	P
178	W	181TA	P
178	YB	176YB	T
178	YB	176YB	48CA
179	HF	178HF	N
179	HF	179LU	B-
179	HF	179HF	IT
179	HF	179HF	IT
179	HF	178HF	N
179	HF	COULOMB	EXCITATION
179	HF	178HF	D
179	HF	180HF	3HE
179	HF	179TA	EC
179	HF	179HF	G
179	HF	176YB	9BE
179	HF	177HF	T
179	IR	183AU	A
179	IR		HI
179	IR	179PT	EC
179	LU	179YB	B-
179	LU	180HF	T
179	OS	167ER	16O
179	OS	183PT	A
179	OS	179IR	EC
179	OS	154SM	30SI
179	OS	150ND	34S
179	RE	181TA	A
179	RE	179OS	EC
179	RE	165HO	18O
179	RE	173YB	11B
179	RE	172YB	11B
179	TA	176YB	7LI
179	TA	179HF	D
179	TA	179W	EC
179	TA	179W	EC
179	TA	181TA	P
179	TA	178HF	P
179	TA	176LU	136XE
179	TA	178HF	3HE
179	W	179RE	EC
179	W	181TA	P
179	W	178HF	A
179	W	170ER	13C
179	W	179W	IT
179	W	180W	D
180	HF	180LU	B-

180	HF	180TA	EC
180	HF	180HF	IT
180	HF	178HF	T
180	HF	179HF	N
180	HF	179HF	N
180	HF	179HF	D
180	HF	180HF	G
180	HF	180HF	N
180	HF	COULOMB	EXCITATION
180	HF	180HF	POL
180	HF	180HF	136XE
180	HF	180HF	238U
180	IR	180PT	EC
180	IR	184AU	A
180	IR	154SM	31P
180	LU	180YB	B-
180	LU	180HF	238U
180	OS	180IR	EC
180	OS	184PT	A
180	OS	48TI	136XE
180	OS	150ND	36S
180	OS	150ND	36S
180	OS	166ER	18O
180	OS	169TM	14N
180	PT	180AU	EC
180	PT	181HG	ECP
180	PT	184HG	A
180	PT		HI
180	RE	180OS	EC
180	RE	170ER	14N
180	RE	176YB	10B
180	TA	180HF	B-
180	TA	176YB	11B
180	TA	179HF	A
180	TA	180HF	P
180	TA	180HF	238U
180	TA	180TA	G
180	TA	COULOMB	EXCITATION
180	TA	181TA	G
180	TA	181TA	P
180	TA	181TA	D
180	W	180TA	B-
180	W	180RE	EC
180	W	180W	IT
180	W	136XE	48CA
180	W	176YB	9BE
180	W	HF	A

180	W	180W	G
180	W	180W	D
180	W	181TA	P
180	W	182W	P
180	W	186W	N
181	AU	185TL	A
181	AU		HI
181	AU	181HG	EC
181	HF	181LU	B-
181	HF	180HF	N
181	HF	180HF	POL
181	HF	179HF	T
181	HF	180HF	D
181	HF	180HF	238U
181	HG	185PB	A
181	HG	185PB	A
181	HG	144SM	40AR
181	IR	181PT	EC
181	IR	185AU	A
181	IR		HI
181	OS	181IR	EC
181	OS	185PT	A
181	OS	182W	A
181	OS		HI
181	PT	181AU	EC
181	PT	144ND	40AR
181	PT	185HG	A
181	PT	185HG	A
181	RE	181OS	EC
181	RE	181OS	EC
181	RE	181TA	A
181	RE	176YB	11B
181	TA	181HF	B-
181	TA	181W	EC
181	TA	180TA	N
181	TA	181TA	G
181	TA	181TA	IT
181	TA	181TA	G
181	TA	COULOMB	EXCITATION
181	TA	181TA	D
181	TA	176YB	11B
181	TA	181TA	238U
181	TL	185BI	A
181	TL	181TL	IT
181	TL		HI
181	W	181RE	EC
181	W	179HF	A

181	W	183W	P
181	W	182W	D
181	W	136XE	48CA
182	HF	182LU	B-
182	HF	182HF	IT
182	HF	180HF	T
182	HF	180HF	136XE
182	HF	180HF	238U
182	OS	182IR	EC
182	OS	186PT	A
182	OS	136XE	50TI
182	OS	150ND	36S
182	OS	150ND	36S
182	OS	168ER	18O
182	OS	170ER	16O
182	OS	182W	A
182	RE	182OS	EC
182	RE	176YB	11B
182	RE	181TA	A
182	TA	182HF	B-
182	TA	182HF	B-
182	TA	182TA	IT
182	TA	182TA	IT
182	TA	181TA	N
182	TA	181TA	N
182	TA	181TA	N
182	TA	181TA	N
182	TA	181TA	N
182	TA	181TA	N
182	TA	181TA	D
182	W	182TA	B-
182	W	MUONIC	ATOM
182	W	182RE	EC
182	W	182RE	EC
182	W	186OS	A
182	W	176YB	9BE
182	W	176YB	13C
182	W	180HF	A
182	W	180W	T
182	W	182W	G
182	W	182W	G
182	W	182W	E
182	W	182W	N
182	W	182W	N
182	W	182W	P
182	W	182W	D
182	W	COULOMB	EXCITATION
182	W	183W	D

182	W	183W	3HE
182	W	184W	P
182	W	186W	N
183	HF	183LU	B-
183	HF	183HF{+71+}	IT
183	IR	183PT	EC
183	IR	187AU	A
183	IR	168ER	19F
183	IR	185RE	A
183	OS	183OS	IT
183	OS	183OS	IT
183	OS	183IR	EC
183	OS	170ER	18O
183	OS	186W	A
183	PT	183PT	IT
183	PT	183AU	EC
183	PT	187HG	A
183	PT	187HG	A
183	PT		HI
183	RE	183RE	IT
183	RE	183OS	EC
183	RE	183OS	EC
183	RE	176YB	11B
183	RE	181TA	A
183	RE	182W	3HE
183	TA	183HF	B-
183	TA	182TA	N
183	TA	181TA	18O
183	W	183TA	B-
183	W	183W	IT
183	W	183RE	EC
183	W	176YB	14C
183	W	182W	N
183	W	182W	N
183	W	182W	N
183	W	182W	N
183	W	182W	D
183	W	182W	T
183	W	183W	G
183	W	183W	N
183	W	COULOMB	EXCITATION
183	W	184W	D
183	W	184W	3HE
184	AU	184HG	EC
184	AU	184AU	IT
184	AU	165HO	24MG
184	AU	159TB	29SI

184	HF	184LU	B-
184	HF	184HF	IT
184	HG	156GD	32S
184	HG	184TL	EC
184	HG	188PB	A
184	HG	156GD	32S
184	IR	184PT	EC
184	IR		HI
184	OS	184IR	EC
184	OS	182W	A
184	OS	184W	A
184	OS	186W	A
184	OS	185RE	P
184	OS	187RE	P
184	OS	186OS	P
184	OS	188PT	A
184	OS	184OS	IT
184	OS	176YB	13C
184	OS	170ER	18O
184	PB	148SM	40CA
184	PB	188PO	A
184	PB	185BI	P
184	PT	184AU	EC
184	PT	184PT	IT
184	PT	177HF	12C
184	PT	154SM	34S
184	PT	188HG	A
184	RE	184RE	IT
184	RE	185RE	D
184	RE	183W	3HE
184	RE	180HF	7LI
184	TA	184HF	B-
184	TL	188BI	A
184	TL	188BI	A
184	W	184TA	B-
184	W	184RE	EC
184	W	184RE	EC
184	W	183W	N
184	W	183W	N
184	W	183W	N
184	W	183W	N
184	W	184W	N
184	W	184W	N
184	W	184W	D
184	W	COULOMB	EXCITATION
184	W	186W	P
184	W	183W	D

184	W	182W	T
184	W	184W	G
184	W	184W	G
184	W	184W	P
184	W	186W	12C
184	W	MUONIC	ATOM
184	W	198PT	136XE
184	W	183W	N
184	W	183W	N
184	W	184W	A
184	W	186W	N
184	W	184W	G
184	W	184W	12C
185	AU	185HG	EC
185	AU		HI
185	HG	161DY	28SI
185	HG	185HG	IT
185	IR	185PT	EC
185	IR	185RE	A
185	OS	185IR	EC
185	OS	W	A
185	OS	184OS	N
185	OS	187OS	P
185	OS		HI
185	PB	189PO	A
185	PT	185AU	EC
185	PT	173YB	16O
185	RE	185OS	EC
185	RE	185W	B-
185	RE	186W	D
185	RE	COULOMB	EXCITATION
185	RE	185RE	G
185	RE	184W	A
185	RE	185RE	D
185	RE	RE	N
185	RE		HI
185	TA	186W	POL
185	TA	185HF	B-
185	TA	186W	238U
185	TL	185TL	IT
185	TL	189BI	A
185	TL	189BI	A
185	TL		HI
185	W	185TA	B-
185	W	185W	IT
185	W	184W	N
185	W	184W	N

185	W	184W	N
185	W	184W	N
185	W	186W	D
185	W	186W	3HE
185	W	186W	P
185	W	184W	POL
186	AU	186HG	EC
186	AU	171YB	19F
186	AU	172YB	19F
186	HG	186TL	EC
186	HG	190PB	A
186	HG	150SM	40AR
186	HG	154GD	36S
186	HG	156GD	34S
186	HG	162DY	28SI
186	HG	COULOMB	EXCITATION
186	IR	186IR	IT
186	IR	186PT	EC
186	IR	180HF	11B
186	OS	186RE	B-
186	OS	186IR	EC
186	OS	186IR	EC
186	OS	190PT	A
186	OS	176YB	14C
186	OS	184W	A
186	OS	187RE	P
186	OS	185RE	3HE
186	OS	COULOMB	EXCITATION
186	OS	186W	A
186	OS	186OS	G
186	OS	188OS	P
186	OS	MUONIC	ATOM
186	PB	190PO	A
186	PB	106PD	83KR
186	PB	142ND	48TI
186	PB	154GD	36AR
186	PT	186AU	EC
186	PT	154SM	36S
186	PT	186OS	A
186	PT	188OS	A
186	RE	186RE	IT
186	RE	185RE	N
186	RE	185RE	N
186	RE	185RE	D
186	RE	186W	D
186	RE	187RE	P
186	RE	187RE	N

186	RE	187RE	D
186	TA	186TA	IT
186	TA	186HF	B-
186	TA	9BE	197AU
186	TA	186W	N
186	TL	186TL	IT
186	TL	190BI	A
186	TL	190BI	A
186	TL	142ND	48TI
186	TL	159TB	32S
186	W	186TA	B-
186	W	186RE	EC
186	W	186W	G
186	W	186W	N
186	W	186W	N
186	W	COULOMB	EXCITATION
186	W	186W	D
186	W	184W	T
186	W	186W	136XE
186	W	186W	238U
187	AU	187AU	IT
187	AU	187HG	EC
187	AU	187HG	EC
187	AU	172YB	19F
187	HF	9BE	208PB
187	IR	187PT	EC
187	IR	176YB	15N
187	IR	185RE	A
187	OS	187RE	B-
187	OS	187RE[+75]	B-
187	OS	187IR	EC
187	OS	186OS	N
187	OS	186OS	D
187	OS	187RE	D
187	OS	187OS	D
187	OS	COULOMB	EXCITATION
187	OS	188OS	D
187	OS	189OS	P
187	PT	187AU	EC
187	PT	173YB	18O
187	PT	176YB	16O
187	PT	181TA	11B
187	PT	186OS	A
187	RE	187W	B-
187	RE	186W	A
187	RE	187RE	G
187	RE	187RE	D

187	RE	187RE	82SE
187	RE	COULOMB	EXCITATION
187	RE	188OS	T
187	TA	187TA	IT
187	W	187TA	B-
187	W	186W	N
187	W	186W	N
187	W	186W	D
187	W	186W	18O
187	W	186W	82SE
188	AU	188HG	EC
188	AU	173YB	19F
188	AU	173YB	19F
188	BI	192AT	A
188	BI	192AT	A
188	HG	188TL	EC
188	HG	192PB	A
188	HG	156GD	36S
188	HG	164DY	28SI
188	HG	168ER	24MG
188	HG	COULOMB	EXCITATION
188	IR	188PT	EC
188	IR	187RE	A
188	IR	186W	7LI
188	OS	188RE	B-
188	OS	188IR	EC
188	OS	186W	A
188	OS	187OS	N
188	OS	187OS	N
188	OS	187OS	N
188	OS	187OS	N
188	OS	187OS	N
188	OS	187OS	N
188	OS	187OS	N
188	OS	188OS	N
188	OS	COULOMB	EXCITATION
188	OS	188OS	G
188	OS	188OS	E
188	OS	187OS	D
188	OS	189OS	D
188	OS	187RE	3HE
188	OS	188OS	A
188	OS	190OS	P
188	OS	186OS	T
188	OS	MUONIC	ATOM
188	OS		HI
188	PB	192PO	A
188	PB	164ER	28SI

188	PB	156GD	36AR
188	PB	108PD	83KR
188	PT	188AU	EC
188	PT	190PT	P
188	PT		HI
188	RE	188W	B-
188	RE	188RE	IT
188	RE	187RE	N
188	RE	187RE	N
188	RE	187RE	D
188	RE	189OS	T
188	TA	9BE	208PB
188	TL	188PB	EC
188	TL	192BI	A
188	TL	192BI	A
188	TL		HI
188	W	188TA	B-
188	W	186W	T
188	W	186W	18O
188	W	192OS	82SE
188	W	186W	136XE
188	W	186W	7LI
189	AU	189HG	EC
189	AU	189HG	EC
189	AU	174YB	19F
189	AU	176YB	19F
189	AU	181TA	12C
189	AU	191IR	A
189	BI	193AT	A
189	BI	193AT	A
189	BI	193AT	A
189	BI	109AG	82KR
189	HG	189TL	EC
189	HG	189TL	EC
189	HG	160GD	34S
189	HG	160GD	34S
189	HG	175LU	19F
189	HG	181TA	14N
189	IR	189IR	IT
189	IR	189IR	IT
189	IR	189PT	EC
189	IR	187RE	A
189	IR	191IR	P
189	OS	189RE	B-
189	OS	189OS	IT
189	OS	189IR	EC
189	OS	188OS	N

189	OS	188OS	N
189	OS	188OS	N
189	OS	188OS	D
189	OS	189OS	G
189	OS	189OS	G
189	OS	189OS	E
189	OS	189OS	D
189	OS	COULOMB	EXCITATION
189	OS	190OS	3HE
189	PB	189PB	IT
189	PB	193PO	A
189	PB	193PO	A
189	PB	106PD	86KR
189	PB	158GD	36AR
189	PO	193RN	A
189	PT	189AU	EC
189	PT	189AU	EC
189	PT	176YB	18O
189	PT	188OS	A
189	PT	190PT	P
189	RE	189W	B-
189	RE	187RE	136XE
189	RE	190OS	T
189	TA	189TA	IT
189	TL	189PB	EC
189	TL	189PB	EC
189	TL	193BI	A
189	TL	193BI	A
189	TL	156GD	37CL
189	TL	156GD	37CL
189	TL	165HO	28SI
189	TL	169TM	24MG
190	AU	190HG	EC
190	AU	190AU	IT
190	AU	186W	11B
190	AU	191IR	A
190	BI	194AT	A
190	BI	194AT	A
190	HG	190TL	EC
190	HG	190TL	EC
190	HG	194PB	A
190	HG	160GD	34S
190	HG	160GD	34S
190	HG	170ER	24MG
190	HG	181TA	14N
190	HG	194PT	A
190	IR	190IR	IT

190	IR	190IR	IT
190	IR	189OS	3HE
190	IR	189OS	A
190	IR	191IR	D
190	IR	192OS	P
190	OS	190RE	B-
190	OS	190RE	B-
190	OS	190OS	IT
190	OS	190IR	EC
190	OS	190IR	EC
190	OS	MUONIC	ATOM
190	OS	186W	7LI
190	OS	188OS	T
190	OS	189OS	N
190	OS	189OS	N
190	OS	189OS	N
190	OS	189OS	N
190	OS	189OS	N
190	OS	189OS	D
190	OS	190OS	G
190	OS	190OS	G
190	OS	190OS	G
190	OS	190OS	E
190	OS	190OS	N
190	OS	190OS	P
190	OS	190OS	A
190	OS	COULOMB	EXCITATION
190	OS	191IR	T
190	OS	192OS	P
190	OS	192OS	12C
190	OS	192OS	82SE
190	PB	190BI	EC
190	PB	194PO	A
190	PB	154GD	40AR
190	PB	166ER	28SI
190	PO	194RN	A
190	PO	142ND	52CR
190	PO	144SM	49TI
190	PT	190AU	EC
190	PT	176YB	18O
190	PT	188OS	A
190	PT	190OS	A
190	PT	COULOMB	EXCITATION
190	PT	191IR	P
190	PT	192PT	P
190	RE	190W	B-
190	RE	190RE	IT

190	TA	9BE	208PB
190	TL	190PB	EC
190	TL	194BI	A
190	TL	194BI	A
190	TL	160GD	35CL
190	TL	168ER	27AL
190	W	190TA	B-
190	W	190W	IT
190	W	190W	IT
190	W	192OS	136XE
191	AU	191HG	EC
191	AU	191HG	EC
191	AU	191AU	IT
191	AU	191IR	A
191	AU	190OS	7LI
191	AU	186W	11B
191	AU	186W	11B
191	BI	195AT	A
191	BI	195AT	A
191	BI	109AG	86KR
191	BI	142ND	52CR
191	HG	191TL	EC
191	HG	194PT	A
191	HG		HI
191	HG		HI
191	IR	191PT	EC
191	IR	191OS	B-
191	IR	191IR	IT
191	IR	COULOMB	EXCITATION
191	IR	192OS	P
191	IR	191IR	G
191	IR	190OS	3HE
191	IR	191IR	D
191	IR	191IR	P
191	IR	193IR	P
191	IR	191IR	G
191	IR	191IR	N
191	OS	190OS	N
191	OS	190OS	N
191	OS	192OS	D
191	OS	192OS	3HE
191	OS	191OS	IT
191	OS	192OS	P
191	OS	192OS	82SE
191	PB	195PO	A
191	PB	195PO	A
191	PB	173YB	24MG

191	PB	180W	160
191	PO	195RN	A
191	PO	195RN	A
191	PO		HI
191	PT	191AU	EC
191	PT	191PT	IT
191	PT	189OS	A
191	PT	190OS	A
191	PT	186W	11B
191	PT	192PT	3HE
191	PT	192PT	P
191	RE	192OS	T
191	TL	191PB	EC
191	TL	195BI	A
191	TL	195BI	A
191	TL		HI
191	TL		HI
192	AU	192HG	EC
192	AU	IR	A
192	AU	192PT	3HE
192	AU	192AU	IT
192	AU	186W	11B
192	HG	192TL	EC
192	HG	192PT	A
192	HG	197AU	P
192	HG		HI
192	HG	160GD	36S
192	HG		HI
192	IR	192IR	IT
192	IR	192IR	IT
192	IR	191IR	N
192	IR	191IR	N
192	IR	191IR	D
192	IR	193IR	D
192	IR	193IR	3HE
192	IR	195PT	P
192	IR	191IR	N
192	IR	191IR	N
192	OS	192RE	B-
192	OS	192OS	IT
192	OS	192IR	EC
192	OS	190OS	T
192	OS	191OS	N
192	OS	192OS	E
192	OS	192OS	P
192	OS	192OS	P
192	OS	192OS	N

192	OS	192OS	D
192	OS	192OS	A
192	OS	COULOMB	EXCITATION
192	OS	193IR	D
192	OS	193IR	T
192	OS	192OS	G
192	OS	MUONIC	ATOM
192	OS	192OS	12C
192	OS	192OS	N
192	OS	198PT	136XE
192	OS	192OS	G
192	PB	192BI	EC
192	PB	196PO	A
192	PB		HI
192	PB	173YB	24MG
192	PB	182W	16O
192	PB	9BE	238U
192	PB	168ER	29SI
192	PT	192IR	B-
192	PT	192IR	B-
192	PT	192AU	EC
192	PT	190OS	A
192	PT	192PT	A
192	PT	COULOMB	EXCITATION
192	PT	193IR	P
192	PT	194PT	P
192	PT	186W	11B
192	PT	198PT	136XE
192	PT	192OS	82SE
192	RE	192RE	IT
192	RE	192RE	IT
192	RE	9BE	208PB
192	TL	192PB	EC
192	TL	181TA	18O
192	TL	160GD	37CL
192	TL	196BI	A
192	TL	196BI	A
192	TL	9BE	238U
192	TL	160GD	37CL
192	W	192TA	B-
193	AU	193AU	IT
193	AU	193HG	EC
193	AU	193HG	EC
193	AU	192OS	7LI
193	AU	186W	11B
193	AU	IR	A
193	AU	194PT	P

193	HG	193HG	IT
193	HG	193TL	EC
193	HG	193TL	EC
193	HG	PT	A
193	HG		HI
193	HG		HI
193	IR	193OS	B-
193	IR	193IR	IT
193	IR	193PT	EC
193	IR	191IR	T
193	IR	192IR	N
193	IR	192OS	D
193	IR	192OS	3HE
193	IR	192OS	7LI
193	IR	193IR	G
193	IR	193IR	G
193	IR	193IR	N
193	IR	INELASTIC	SCATTERING
193	IR	COULOMB	EXCITATION
193	IR	194PT	D
193	IR	194PT	POL
193	IR	MUONIC	ATOM
193	IR		HI
193	OS	9BE	208PB
193	OS	192OS	N
193	OS	192OS	N
193	OS	192OS	D
193	OS	192OS	7LI
193	PB	193BI	EC
193	PB	197PO	A
193	PB	197PO	A
193	PB	168ER	30SI
193	PB	170ER	28SI
193	PB	174YB	24MG
193	PB	182W	16O
193	PB		HI
193	PT	193PT	IT
193	PT	193AU	EC
193	PT	193AU	EC
193	PT	192OS	A
193	PT	192PT	N
193	PT	194PT	P
193	PT	194PT	3HE
193	PT	195PT	P
193	RE	9BE	208PB
193	TL	193TL	IT
193	TL	193PB	EC

193	TL	197BI	A
193	TL		HI
193	TL		HI
194	AU	194HG	EC
194	AU	194AU	IT
194	AU	194AU	IT
194	AU	192OS	7LI
194	AU	193IR	A
194	AU	194PT	P
194	AU	195PT	P
194	HG	194TL	EC
194	HG	194TL	EC
194	HG	150ND	48CA
194	HG	186W	13C
194	HG	PT	A
194	HG	196HG	P
194	IR	194OS	B-
194	IR	194IR	IT
194	IR	193IR	N
194	IR	193IR	N
194	IR	193IR	N
194	IR	193IR	D
194	IR	196PT	POL
194	OS	194RE	B-
194	OS	192OS	T
194	OS	192OS	18O
194	OS	193OS	N
194	OS	198PT	136XE
194	PB	194BI	EC
194	PB	194BI	EC
194	PB	198PO	A
194	PB	150SM	48CA
194	PB	158GD	40AR
194	PB	162DY	36S
194	PB	168ER	30SI
194	PB	184W	16O
194	PB	209BI	PI-
194	PB		HI
194	PT	194IR	B-
194	PT	194IR	B-
194	PT	194AU	EC
194	PT	192OS	A
194	PT	192OS	82SE
194	PT	192PT	T
194	PT	193IR	3HE
194	PT	194PT	G
194	PT	194PT	E

194	PT	194PT	N
194	PT	194PT	POL
194	PT	194PT	P
194	PT	194PT	12C
194	PT	195PT	P
194	PT	195PT	D
194	PT	196PT	P
194	PT	197AU	P
194	PT	197AU	209BI
194	PT	COULOMB	EXCITATION
194	PT	MUONIC	ATOM
194	RE	9BE	208PB
194	TL	194PB	EC
194	TL	181TA	18O
194	TL	181TA	18O
194	TL	185RE	13C
195	AT	199FR	A
195	AT	199FR	A
195	AT	147SM	51V
195	AU	195AU	IT
195	AU	195HG	EC
195	AU	195HG	EC
195	AU	193IR	A
195	AU	194PT	A
195	AU	197AU	P
195	AU	198PT	136XE
195	AU	192OS	7LI
195	AU	192OS	136XE
195	BI	181TA	20NE
195	BI		HI
195	BI	199AT	A
195	BI	199AT	A
195	HG	195HG	IT
195	HG	195TL	EC
195	HG	196HG	P
195	HG		HI
195	HG		HI
195	IR	194IR	N
195	IR	195IR	IT
195	IR	196PT	POL
195	IR	193IR	T
195	IR	196PT	D
195	IR	196PT	E
195	OS	9BE	208PB
195	OS	9BE	197AU
195	PB	195BI	EC
195	PB	199PO	A

195	PB	199PO	A
195	PB		HI
195	PB		HI
195	PO	199RN	A
195	PO	199RN	A
195	PO		HI
195	PO	238U	P
195	PO	113CD	86KR
195	PT	195IR	B-
195	PT	195IR	B-
195	PT	195PT	IT
195	PT	195AU	EC
195	PT	194PT	N
195	PT	194PT	D
195	PT	195PT	N
195	PT	195PT	G
195	PT	COULOMB	EXCITATION
195	PT	195PT	D
195	PT	196PT	P
195	PT	196PT	D
195	PT	196PT	3HE
195	PT	197AU	P
195	PT	192OS	7LI
195	RE	9BE	208PB
195	TL	195TL	IT
195	TL	195PB	EC
195	TL	195PB	EC
195	TL	197AU	A
195	TL	199BI	A
195	TL		HI
196	AT	200FR	A
196	AT	165HO	36AR
196	AU	196AU	IT
196	AU	196AU	IT
196	AU	197AU	G
196	AU	197AU	P
196	AU	197AU	D
196	AU	197AU	3HE
196	AU	196PT	D
196	AU	194PT	A
196	AU	195PT	3HE
196	AU	197AU	P
196	AU	198HG	POL
196	BI	196BI	IT
196	BI	200AT	A
196	BI	200AT	A
196	BI	200AT	A

196	BI		HI
196	HG	196AU	B-
196	HG	196TL	EC
196	HG	196TL	EC
196	HG	192OS	9BE
196	HG	194PT	3HE
196	HG	196PT	A
196	HG	COULOMB	EXCITATION
196	HG	197AU	P
196	HG	198PT	A
196	HG	198HG	P
196	IR	196OS	B-
196	OS	198PT	14C
196	OS	198PT	82SE
196	OS	198PT	136XE
196	PB	196BI	EC
196	PB	196BI	EC
196	PB		HI
196	PB	198HG	3HE
196	PB	198HG	A
196	PB	200PO	A
196	PB	209BI	PI-
196	PB		HI
196	PO		HI
196	PO	196PO	IT
196	PO	200RN	A
196	PT	196IR	B-
196	PT	196IR	B-
196	PT	196AU	EC
196	PT	194PT	T
196	PT	195PT	N
196	PT	195PT	N
196	PT	195PT	N
196	PT	195PT	N
196	PT	195PT	D
196	PT	196PT	E
196	PT	196PT	N
196	PT	196PT	D
196	PT	196PT	P
196	PT	COULOMB	EXCITATION
196	PT	197AU	MU-
196	PT	197AU	D
196	PT	198PT	P
196	PT	196PT	G
196	PT	196PT	P
196	TL	196TL	IT
196	TL	196PB	EC

196	TL	197AU	A
197	AT	201FR	A
197	AT	165HO	36AR
197	AU	197PT	B-
197	AU	197PT	B-
197	AU	197AU	IT
197	AU	197HG	EC
197	AU	197HG	EC
197	AU	196PT	3HE
197	AU	197AU	G
197	AU	197AU	G
197	AU	197AU	E+
197	AU	197AU	N
197	AU	197AU	N
197	AU	197AU	POL
197	AU	COULOMB	EXCITATION
197	BI	201AT	A
197	BI	192PT	10B
197	BI	183W	19F
197	BI	187RE	16O
197	HG	197HG	IT
197	HG	197TL	EC
197	HG	PT	A
197	HG	198HG	P
197	HG	198HG	D
197	OS	9BE	208PB
197	PB	197PB	IT
197	PB	197BI	EC
197	PB	197BI	EC
197	PB	201PO	A
197	PB	201PO	A
197	PB	176YB	26MG
197	PB	186W	16O
197	PB	186W	18O
197	PB	198HG	3HE
197	PB	186W	18O
197	PO	201RN	A
197	PO	201RN	A
197	PO		HI
197	PT	197IR	B-
197	PT	197PT	IT
197	PT	195PT	T
197	PT	196PT	N
197	PT	196PT	N
197	PT	196PT	N
197	PT	196PT	D
197	PT	198PT	P

197	PT	198PT	POL
197	PT	198PT	3HE
197	PT	196PT	T
197	TL	197TL	IT
197	TL	197PB	EC
197	TL	197PB	EC
197	TL	201BI	A
197	TL	197AU	3HE
197	TL	197AU	A
198	AT	202FR	A
198	AT	202FR	A
198	AT	165HO	40AR
198	AU	198AU	IT
198	AU	195PT	A
198	AU	196PT	A
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	N
198	AU	197AU	D
198	AU	197AU	A
198	AU	198PT	D
198	AU	198PT	3HE
198	BI	198BI	IT
198	BI	202AT	A
198	BI	202AT	A
198	BI	202AT	A
198	BI	187RE	16O
198	BI	184W	19F
198	HG	198AU	B-
198	HG	198TL	EC
198	HG	198TL	EC
198	HG	196PT	A
198	HG	198PT	A
198	HG	197AU	3HE
198	HG	198HG	N
198	HG	197AU	P
198	HG	197AU	P
198	HG	198HG	P
198	HG	198HG	G
198	HG	198HG	A
198	HG	COULOMB	EXCITATION
198	HG	200HG	P
198	HG	202PB	A

198	HG	198PT	2B-
198	IR	9BE	208PB
198	OS	9BE	208PB
198	PB	198BI	EC
198	PB	202PO	A
198	PB		HI
198	PB		HI
198	PO		HI
198	PO		HI
198	PO	202RN	A
198	PO	165HO	40AR
198	PO	U	P
198	PT	198IR	B-
198	PT	196PT	T
198	PT	198PT	N
198	PT	198PT	P
198	PT	198PT	D
198	PT	198PT	A
198	PT	198PT	D
198	PT	COULOMB	EXCITATION
198	PT	198PT	136XE
198	PT	9BE	208PB
198	RE	9BE	238U
198	RN	202RA	A
198	RN		HI
198	TL	198TL	IT
198	TL	198TL	IT
198	TL	198PB	EC
198	TL	197AU	A
199	AT	203FR	A
199	AT	203FR	A
199	AT		HI
199	AU	199PT	B-
199	AU	199AU	IT
199	AU	197AU	T
199	AU	198AU	N
199	AU	198PT	3HE
199	AU	198PT	A
199	BI	199BI	IT
199	BI	199PO	EC
199	BI	203AT	A
199	BI		HI
199	HG	199AU	B-
199	HG	199HG	IT
199	HG	MUONIC	ATOM
199	HG	199TL	EC
199	HG	198PT	A

199	HG	198HG	N
199	HG	198HG	N
199	HG	198HG	D
199	HG	199HG	G
199	HG	199HG	G
199	HG	199HG	E
199	HG	199HG	N
199	HG	COULOMB	EXCITATION
199	HG	200HG	P
199	HG	200HG	D
199	IR	9BE	208PB
199	IR	198PT	18O
199	PB	199BI	EC
199	PB	199PB	IT
199	PB	203PO	A
199	PB	186W	18O
199	PB	198HG	A
199	PO	199PO	IT
199	PO	203RN	A
199	PO	203RN	A
199	PO	176YB	28SI
199	PO	183W	20NE
199	PT	199PT	IT
199	PT	198PT	N
199	PT	198PT	N
199	PT	198PT	POL
199	PT	198PT	T
199	RN	203RA	A
199	RN	203RA	A
199	TL	199TL	IT
199	TL	199PB	EC
199	TL	199PB	EC
199	TL	197AU	A
200	AT	204FR	A
200	AT	204FR	A
200	AT	204FR	A
200	AU	200PT	B-
200	AU	200AU	IT
200	BI	204AT	A
200	BI	200PO	EC
200	BI	193IR	12C
200	BI	186W	19F
200	HG	200AU	B-
200	HG	200AU	B-
200	HG	200TL	EC
200	HG	COULOMB	EXCITATION
200	HG	200HG	N

200	HG	199HG	N
200	HG	199HG	N
200	HG	199HG	N
200	HG	199HG	N
200	HG	199HG	N
200	HG	200HG	P
200	HG	202HG	P
200	HG	198PT	A
200	HG	198PT	9BE
200	HG	200HG	A
200	HG	203TL	MU
200	HG	MUONIC	ATOM
200	PB	204PO	A
200	PB	200BI	EC
200	PB	200BI	EC
200	PB	198HG	A
200	PB	200HG	A
200	PB	203TL	P
200	PB		HI
200	PB	209BI	PI-
200	PO	204RN	A
200	PO	200AT	EC
200	PO	184W	20NE
200	PO	194PT	12C
200	PO	191IR	14N
200	PT	198PT	T
200	PT	198PT	T
200	PT	9BE	208PB
200	RN	204RA	A
200	RN		HI
200	TL	200TL	IT
200	TL	200PB	EC
200	TL	198PT	6LI
201	AT	205FR	A
201	AT	192PT	14N
201	AT	165HO	40AR
201	AU	201PT	B-
201	AU	202HG	T
201	AU	202HG	POL
201	AU	9BE	208PB
201	BI	201PO	EC
201	BI	201PO	EC
201	BI	205AT	A
201	BI	203TL	A
201	BI	196PT	10B
201	FR	205AC	A
201	FR		HI

201	HG	201AU	B-
201	HG	201HG	IT
201	HG	201TL	EC
201	HG	200HG	D
201	HG	201HG	G
201	HG	201HG	D
201	HG	COULOMB	EXCITATION
201	HG	202HG	D
201	HG	203TL	MU
201	IR	9BE	208PB
201	PB	201BI	EC
201	PB	205PO	A
201	PB	200HG	A
201	PB	192OS	14C
201	PB	197AU	207PB
201	PO	201PO	IT
201	PO	201AT	EC
201	PO	205RN	A
201	PO	194PT	12C
201	PT	201IR	B-
201	PT	BE	208PB
201	RN	205RA	A
201	RN	205RA	A
201	RN	122SN	82KR
201	TL	201PB	EC
201	TL	201TL	IT
201	TL	202HG	D
201	TL	198PT	7LI
201	TL	9BE	238U
201	TL	203TL	P
201	TL	204PB	P
201	TL	207PB	MU
202	AU	202PT	B-
202	HG	202AU	B-
202	HG	202TL	EC
202	HG	201HG	N
202	HG	201HG	N
202	HG	201HG	N
202	HG	201HG	N
202	HG	202HG	G
202	HG	202HG	MU-
202	HG	202HG	D
202	HG	202HG	P
202	HG	202HG	D
202	HG	COULOMB	EXCITATION
202	HG	202HG	N
202	HG	203TL	MU-

202	HG	204HG	P
202	PB	202PB	IT
202	PB	202BI	EC
202	PB	206PO	A
202	PB	198PT	9BE
202	PB	202HG	A
202	PB	203TL	P
202	PB	204PB	P
202	PB	209BI	PI-
202	PB	192OS	14C
202	PT	202PT	IT
202	PT	202IR	B-
202	TL	202TL	IT
202	TL	202PB	EC
202	TL	202PB	EC
202	TL	207PB	MU-
202	TL	203TL	P
202	TL	204HG	P
202	TL	204PB	D
202	TL	203TL	N
203	AU	203PT	B-
203	AU	204HG	POL
203	AU	204HG	POL
203	AU	BE	208PB
203	HG	203AU	B-
203	HG	203HG	IT
203	HG	202HG	D
203	HG	202HG	D
203	HG	204HG	D
203	HG	208PB	48CA
203	IR	9BE	208PB
203	PB	203PB	IT
203	PB	203PB	IT
203	PB	203BI	EC
203	PB	207PO	A
203	PB	202HG	A
203	PB	204HG	A
203	PB	197AU	209BI
203	PB	204PB	D
203	PB	205PB	P
203	PB	209BI	PI-
203	PT	9BE	208PB
203	TL	203HG	B-
203	TL	203PB	EC
203	TL	COULOMB	EXCITATION
203	TL	203TL	D
203	TL	204PB	D

203	TL	204PB	T
203	TL	205TL	P
203	TL	206PB	P
203	TL	9BE	238U
203	TL	204HG	D
203	TL	203TL	N
203	TL	203TL	G
203	TL	203TL	MU-
203	TL	206PB	MU-
203	TL	207PB	MU-
204	AU	204PT	B-
204	AU	9BE	208PB
204	HG	204AU	B-
204	HG	204TL	EC
204	HG	204HG	E
204	HG	204HG	N
204	HG	204HG	P
204	HG	204HG	D
204	HG	204HG	D
204	HG	204HG	A
204	HG	204HG	9BE
204	HG	COULOMB	EXCITATION
204	HG	205TL	E
204	HG	205TL	MU-
204	HG	205TL	D
204	HG	208PB	D
204	PB	204TL	B-
204	PB	204PB	IT
204	PB	204BI	EC
204	PB	208PO	A
204	PB	198PT	HI
204	PB	204HG	A
204	PB	204PB	G
204	PB	204PB	E
204	PB	204PB	N
204	PB	204PB	N
204	PB	204PB	P
204	PB	204PB	D
204	PB	204PB	A
204	PB	COULOMB	EXCITATION
204	PB	205TL	P
204	PB	206PB	P
204	PB	206PB	118SN
204	PB	209BI	MU-
204	PB	209BI	PI-
204	PT	9BE	208PB
204	TL	204TL	IT

204	TL	9BE	238U
204	TL	203TL	N
204	TL	203TL	D
204	TL	205TL	N
204	TL	205TL	P
204	TL	205TL	D
204	TL	206PB	D
204	TL	207PB	MU-
205	AU	9BE	208PB
205	HG	205HG	IT
205	HG	205AU	B-
205	HG	204HG	D
205	HG	204HG	D
205	HG	204HG	T
205	HG	204HG	9BE
205	HG	9BE	208PB
205	TL	205HG	B-
205	TL	205PB	EC
205	TL	209BI	A
205	TL	204HG	T
205	TL	204HG	A
205	TL	204HG	7LI
205	TL	205TL	G
205	TL	205TL	MU-
205	TL	205TL	N
205	TL	205TL	P
205	TL	205TL	D
205	TL	206PB	POL
205	TL	206PB	POL
205	TL	207PB	MU-
205	TL	208PB	POL
205	TL	208PB	48CA
205	TL	COULOMB	EXCITATION
206	AT	206RN	EC
206	AT	210FR	A
206	AT	197AU	12C
206	BI	206PO	EC
206	BI	210AT	A
206	BI	204PB	A
206	BI	205TL	A
206	FR	210AC	A
206	HG	210PB	A
206	HG	204HG	T
206	HG	204HG	18O
206	HG		HI
206	PB	206PB	IT
206	PB	206PB	IT

206	PB	206TL	B-
206	PB	206BI	EC
206	PB	210PO	A
206	PB	204HG	A
206	PB	204HG	9BE
206	PB	205PB	N
206	PB	206PB	N
206	PB	206PB	N
206	PB	206PB	G
206	PB	207PB	G
206	PB	206PB	E
206	PB	206PB	P
206	PB	206PB	P
206	PB	206PB	D
206	PB	206PB	17O
206	PB	COULOMB	EXCITATION
206	PB	207PB	MU-
206	PB	207PB	P
206	PB	208PB	A
206	PB	209BI	PI-
206	PB	209BI	MU-
206	PB	209BI	POL
206	PB	208PB	P
206	PB	204HG	3HE
206	PB	204PB	T
206	PB	204PB	T
206	PB	205TL	3HE
206	PB	205TL	A
206	PB	206PB	PI
206	PO	206AT	EC
206	PO	206PB	A
206	PO	AU	10B
206	PO	198PT	13C
206	PO	210RN	A
206	RA	210TH	A
206	RA	170YB	40AR
206	RN	210RA	A
206	RN	206FR	EC
206	RN	197AU	14N
206	TL	206HG	B-
206	TL	210BI	A
206	TL	210BI	A
206	TL	206TL	IT
206	TL	205TL	N
206	TL	207PB	MU-
206	TL	207PB	T
206	TL	208PB	D

206	TL	205TL	D
207	AT	204PB	6LI
207	AT	207RN	EC
207	AT	211FR	A
207	BI	207BI	IT
207	BI	211AT	A
207	BI	207PO	EC
207	BI	205TL	A
207	BI	206PB	3HE
207	BI	209BI	P
207	FR	211AC	A
207	FR	181TA	30SI
207	PB	207TL	B-
207	PB	207PB	IT
207	PB	207BI	EC
207	PB	211PO	A
207	PB	211PO	A
207	PB	206PB	N
207	PB	207PB	N
207	PB	207PB	N
207	PB	207PB	P
207	PB	207PB	P
207	PB	206PB	D
207	PB	206PB	D
207	PB	208PB	P
207	PB	208PB	D
207	PB	209BI	D
207	PB	208PB	3HE
207	PB	COULOMB	EXCITATION
207	PB	207PB	A
207	PB	207PB	D
207	PB	207PB	E
207	PB	207PB	G
207	PB	208PB	G
207	PB	208PB	20NE
207	PB	206PB	118SN
207	PB	208PB	12C
207	PB	208PB	32S
207	PB	208PB	136XE
207	PB	238U	206PB
207	PB	MUONIC	ATOM
207	PB	209BI	MU-
207	PB	209BI	PI-
207	PO	207PO	IT
207	PO	211RN	A
207	PO	207AT	EC
207	PO	208PB	A

207	RA	211TH	A
207	RN	207RN	IT
207	RN	211RA	A
207	RN	196PT	16O
207	TL	211BI	A
207	TL	207HG	B-
207	TL	207TL	IT
207	TL	208PB	D
207	TL	208PB	T
207	TL	205TL	T
207	TL	208PB	11B
207	TL	207PB	MU-
207	TL	208PB	17O
207	TL	208PB	E
207	TL	208PB	P
207	TL	208PB	G
207	TL	208PB	A
207	TL	208PB	136XE
208	AC	212PA	A
208	AT	212FR	A
208	AT	208RN	EC
208	AT	209BI	A
208	BI	206PB	A
208	BI	207PB	3HE
208	BI	208PB	P
208	BI	208PB	48CA
208	BI	209BI	P
208	BI	209BI	D
208	BI	209BI	D
208	BI	210BI	P
208	BI	208BI	IT
208	BI	208PO	EC
208	BI	212AT	A
208	BI	212AT	A
208	BI	207PB	P
208	BI	207PB	7LI
208	BI	208PB	PI+
208	BI	208PB	P
208	BI	208PB	3HE
208	BI	209BI	G
208	BI	209BI	N
208	BI	209BI	17O
208	BI	208PB	6LI
208	FR	212AC	A
208	FR	9BE	238U
208	HG	9BE	238U
208	PB	207PB	D

208	PB	208PB	A
208	PB	208PB	D
208	PB	208PB	P
208	PB	208PB	G
208	PB	207PB	D
208	PB	208PB	E
208	PB	208PB	N
208	PB	209BI	D
208	PB	208PB	X
208	PB	208TL	B-
208	PB	208PB	P
208	PB	207PB	N
208	PB	207PB	N
208	PB	207PB	N
208	PB	208PB	G
208	PB	208PB	X
208	PB	COULOMB	EXCITATION
208	PB	208BI	EC
208	PB	208PB	G
208	PB	204HG	16O
208	PB	206PB	T
208	PB	MUONIC	ATOM
208	PB	212PO	A
208	PB	212PO	A
208	PB	212PO	A
208	PB	208PB	D
208	PB	208PB	E
208	PB	210PB	P
208	PB	209BI	T
208	PB	208PB	17O
208	PB	209BI	MU-
208	PO	208AT	EC
208	PO	209BI	P
208	PO	208PB	3HE
208	PO	206PB	A
208	PO	208PB	A
208	PO	204HG	9BE
208	PO	210PO	P
208	PO	204PB	16O
208	PO	208PB	PI+
208	PO	212RN	A
208	RA	208RA	IT
208	RA	212TH	A
208	RN	212RA	A
208	RN	208FR	EC
208	RN	196PT	16O
208	RN	200HG	12C

208	TL	212BI	A
208	TL	208PB	T
208	TL	208PB	N
208	TL	212BI	A
208	TL	208HG	B-
208	TL	208PB	PI-
209	AC	213PA	A
209	AT	209RN	EC
209	AT	213FR	A
209	AT	205TL	9BE
209	AT	206PB	6LI
209	AT	209BI	PI+
209	AT	209BI	3HE
209	AT	209BI	A
209	BI	209PB	B-
209	BI	209PO	EC
209	BI	213AT	A
209	BI	207PB	A
209	BI	208PB	P
209	BI	208PB	P
209	BI	208PB	P
209	BI	208PB	P
209	BI	208PB	D
209	BI	208PB	D
209	BI	208PB	T
209	BI	208PB	3HE
209	BI	208PB	3HE
209	BI	208PB	A
209	BI	208PB	7LI
209	BI	208PB	7LI
209	BI	208PB	11B
209	BI	208PB	12C
209	BI	208PB	16O
209	BI	208PB	32S
209	BI	209BI	G
209	BI	209BI	G
209	BI	209BI	G
209	BI	209BI	E
209	BI	209BI	E
209	BI	209BI	N
209	BI	209BI	P
209	BI	209BI	P
209	BI	209BI	D
209	BI	209BI	A
209	BI	210BI	D
209	BI	210PO	T
209	BI	COULOMB	EXCITATION

209	BI	INELASTIC	SCATTERING
209	BI	MUONIC	ATOM
209	FR	213AC	A
209	FR	176YB	37CL
209	FR	197AU	16O
209	PB	209TL	B-
209	PB	213PO	A
209	PB	207PB	T
209	PB	208PB	N
209	PB	208PB	N
209	PB	208PB	N
209	PB	208PB	D
209	PB	208PB	D
209	PB	208PB	T
209	PB	208PB	A
209	PB	208PB	7LI
209	PB	208PB	7LI
209	PB	208PB	9BE
209	PB	208PB	11B
209	PB	208PB	12C
209	PB	208PB	16O
209	PB	208PB	17O
209	PB	208PB	17O
209	PB	208PB	20NE
209	PB	208PB	58NI
209	PB	209BI	PI-
209	PB	209BI	N
209	PB	210PB	P
209	PB	210BI	T
209	PB	223RA	14C
209	PB		HI
209	PB	9BE	208PB
209	PO	209AT	EC
209	PO	213RN	A
209	PO	204HG	9BE
209	PO	207PB	A
209	PO	208PB	A
209	PO	209BI	P
209	PO	209BI	D
209	PO	210PO	D
209	RA	213TH	A
209	RA	174YB	40AR
209	RA	184W	30SI
209	RN	209FR	EC
209	RN	213RA	A
209	RN	213RA	A
209	RN	198PT	16O

209	TL	209HG	B-
209	TL	213BI	A
209	TL	9BE	238U
209	TL	210PB	T
210	AC	214PA	A
210	AT	210RN	EC
210	AT	214FR	A
210	AT	214FR	A
210	AT	205TL	9BE
210	AT	208PB	7LI
210	AT	209BI	A
210	BI	210PB	B-
210	BI	214AT	A
210	BI	214AT	A
210	BI	214AT	A
210	BI	9BE	238U
210	BI	208PB	A
210	BI	209BI	N
210	BI	209BI	N
210	BI	209BI	D
210	BI	209BI	POL
210	BI	209BI	D
210	BI	209BI	A
210	BI	209BI	17O
210	BI	208PB	208PB
210	FR	214AC	A
210	FR	176YB	37CL
210	FR	197AU	16O
210	FR	197AU	16O
210	HG	210HG	IT
210	HG	210HG	IT
210	PB	210TL	B-
210	PB	214PO	A
210	PB	214BI	B-A
210	PB	208PB	T
210	PB	208PB	T
210	PB	208PB	A
210	PB	208PB	7LI
210	PB	210PB	P
210	PB	210PB	T
210	PB		HI
210	PO	210BI	B-
210	PO	210AT	EC
210	PO	214RN	A
210	PO	214RN	A
210	PO	214RN	A
210	PO	204HG	13C

210	PO	208PB	A
210	PO	209BI	T
210	PO	209BI	3HE
210	PO	209BI	3HE
210	PO	209BI	A
210	PO	209BI	7LI
210	PO	210PO	D
210	RA	214TH	A
210	RA	174YB	40AR
210	RA	184W	30SI
210	RA	204PB	12C
210	RN	210FR	EC
210	RN	214RA	A
210	RN	214RA	A
210	RN		HI
210	TL	214BI	A
211	AC	215PA	A
211	AT	211AT	IT
211	AT	211RN	EC
211	AT	215FR	A
211	AT	215FR	A
211	AT	215FR	A
211	AT	215FR	A
211	AT	215FR	A
211	AT	208PB	7LI
211	AT	209BI	A
211	BI	211PB	B-
211	BI	215AT	A
211	BI	9BE	238U
211	BI	208PB	A
211	BI	209BI	T
211	BI	209BI	T
211	BI	210BI	D
211	BI	238U	208PB
211	FR	215AC	A
211	FR	203TL	13C
211	PB	215PO	A
211	PB	210PB	T
211	PB	238U	208PB
211	PO	211BI	B-
211	PO	211PO	IT
211	PO	211AT	EC
211	PO	215RN	A
211	PO	208PB	A
211	PO	208PB	9BE
211	PO	208PB	76GE
211	PO	209BI	D

211	PO	210PO	D
211	RA	211RA	IT
211	RA	215TH	A
211	RN	211FR	EC
211	RN	215RA	A
211	RN	198PT	18O
212	AC	216PA	A
212	AT	216FR	A
212	AT	208PB	7LI
212	AT	209BI	A
212	AT	216FR	A
212	AT	212AT	IT
212	AT	216FR	A
212	BI	212PB	B-
212	BI	216AT	A
212	BI	216AT	A
212	BI	216AT	A
212	FR	216AC	A
212	FR	198PT	19F
212	PB	212TL	B-
212	PB	216PO	A
212	PB	9BE	238U
212	PB	210PB	T
212	PO	212BI	B-
212	PO	212BI	B-
212	PO	212BI	B-
212	PO	216RN	A
212	PO	208PB	7LI
212	PO	208PB	9BE
212	PO	208PB	18O
212	PO	209BI	A
212	PO	210PB	A
212	PO	208PB	16O
212	PO	208PB	12C
212	PO	209BI	A
212	RA	216TH	A
212	RA	216TH	A
212	RA	204PB	12C
212	RN	212FR	EC
212	RN	216RA	A
212	RN		HI
212	RN	209BI	6LI
212	TH	216U	A
212	TH	216U	A
213	AC	217PA	A
213	AC	217PA	A
213	AT	217FR	A

213	AT	208PB	7LI
213	AT	209BI	7LI
213	BI	213PB	B-
213	BI	217AT	A
213	BI	9BE	238U
213	FR	213RA	EC
213	FR	217AC	A
213	FR	217AC	A
213	FR	217AC	A
213	FR	217AC	A
213	FR		HI
213	PB	213TL	B-
213	PB	217PO	A
213	PB	9BE	238U
213	PO	213BI	B-
213	PO	217RN	A
213	PO	208PB	18O
213	RA	217TH	A
213	RA	213RA	IT
213	RA	204PB	13C
213	RN	213FR	EC
213	RN	217RA	A
213	RN		HI
213	TH	217U	A
213	TH	164DY	54CR
213	TH	176HF	40AR
213	TL	9BE	238U
214	AC	218PA	A
214	AC	218PA	A
214	AT	218FR	A
214	AT	218FR	A
214	BI	218AT	A
214	BI	214PB	B-
214	FR	218AC	A
214	FR		HI
214	PB	218PO	A
214	PB	9BE	238U
214	PO	218RN	A
214	PO	214BI	B-
214	PO	208PB	16O
214	RA	218TH	A
214	RA	214RA	IT
214	RA		HI
214	RA	214AC	EC
214	RN	218RA	A
214	RN		HI
214	TH	218U	A

214	TH	218U	A
214	TH	164DY	54CR
215	AC	219PA	A
215	AC	204PB	15N
215	AT	215PO	B-
215	AT	219FR	A
215	BI	215PB	B-
215	BI	215BI	IT
215	BI	219AT	A
215	FR	219AC	A
215	FR	208PB	11B
215	PO	215BI	B-
215	PO	215BI	B-
215	PO	219RN	A
215	RA	215AC	EC
215	RA	219TH	A
215	RA	206PB	13C
215	RN	219RA	A
215	RN	207PB	18O
215	TH	219U	A
215	TH	170ER	50TI
216	AC		HI
216	AC	220PA	A
216	AT	220FR	A
216	FR	220AC	A
216	FR	208PB	11B
216	PB	9BE	238U
216	PO	216BI	B-
216	PO	216BI	B-
216	PO	220RN	A
216	RA	220TH	A
216	RA		HI
216	RN	220RA	A
216	RN		HI
216	TH		HI
217	AC	217AC	IT
217	AC	221PA	A
217	AC	209BI	12C
217	AT	221FR	A
217	BI	9BE	238U
217	FR	221AC	A
217	FR	210PB	11B
217	PO	217BI	B-
217	PO	221RN	A
217	RA	221TH	A
217	RA		HI
217	RN	221RA	A

217	RN	208PB	18O
217	TH	217TH	IT
217	TH	217TH	IT
217	TH	221U	A
218	AC	222PA	A
218	AC	209BI	12C
218	FR	222AC	A
218	FR	222AC	A
218	FR	209BI	18O
218	PO	218BI	B-
218	PO	222RN	A
218	RA	222TH	A
218	RA	208PB	13C
218	RN	222RA	A
218	RN	232TH	136XE
218	TH	222U	A
218	TH	174YB	48CA
218	TH	206PB	16O
219	AC	223PA	A
219	AC	209BI	13C
219	AT	223FR	A
219	FR	223AC	A
219	PA	223NP	A
219	PO	219BI	B-
219	RA	223TH	A
219	RA	208PB	14C
219	RA	208PB	14C
219	RA	208PB	14C
219	RN	219AT	B-
219	RN	223RA	A
219	TH	223U	A
219	TH	198PT	26MG
220	AC	224PA	A
220	AC	209BI	14C
220	RA	220FR	B-
220	RA	224TH	A
220	RA	208PB	14C
220	RA	208PB	18O
220	RN	220AT	B-
220	RN	232TH	136XE
220	RN	224RA	A
220	TH	224U	A
220	TH	198PT	26MG
220	TH	208PB	16O
221	AC	225PA	A
221	AC	209BI	14C
221	FR	225AC	A

221	FR	221RN	B-
221	RA	225TH	A
221	RA	210PB	14C
221	TH	225U	A
221	TH	208PB	16O
222	RA	226TH	A
222	RA	222FR	B-
222	RA	232TH	136XE
222	RN	226RA	A
222	RN		HI
222	TH	226U	A
222	TH		HI
223	AC	227PA	A
223	FR	223RN	B-
223	FR	227AC	A
223	PA	227NP	A
223	RA	227TH	A
223	RA	223FR	B-
223	TH	208PB	18O
223	TH	227U	A
224	AC	228PA	A
224	FR	224RN	B-
224	PA	228NP	A
224	RA	224FR	B-
224	RA	224AC	EC
224	RA	228TH	A
224	RA	COULOMB	EXCITATION
224	RA	226RA	P
224	RA	226RA	A
224	RA	226RA	58NI
224	RA	232TH	136XE
224	RN	120SN	224RN
224	TH	228U	A
224	TH	208PB	16O
224	TH	208PB	18O
224	TH	226RA	A
224	U	228PU	A
225	AC	225RA	B-
225	AC	229PA	A
225	FR	225RN	B-
225	FR	226RA	T
225	RA	229TH	A
225	RA	225FR	B-
225	RA	226RA	D
225	RA	226RA	3HE
225	TH	229U	A
225	TH	226RA	A

226	AC	230PA	A
226	RA	226FR	B-
226	RA	226AC	EC
226	RA	230TH	A
226	RA	COULOMB	EXCITATION
226	RA	226RA	D
226	RA	230TH	D
226	RA		HI
226	TH	230U	A
226	TH	226AC	B-
226	TH		HI
226	U	230PU	A
226	U	208PB	22NE
227	AC	227RA	B-
227	AC	231PA	A
227	AC	226RA	3HE
227	AC	226RA	A
227	AC	230TH	P
227	FR	227RN	B-
227	PA	231NP	A
227	RA	227FR	B-
227	RA	226RA	N
227	RA	226RA	D
227	RA	226RA	POL
227	TH	227AC	B-
227	TH	227PA	EC
227	TH	231U	A
227	TH	226RA	A
227	U	231PU	A
228	AC	228RA	B-
228	RA	228FR	B-
228	RA	232TH	A
228	RA	232TH	D
228	RA	232TH	136XE
228	TH	228AC	B-
228	TH	228PA	EC
228	TH	232U	A
228	TH	232TH	136XE
228	TH	232TH	N
228	TH	226RA	A
228	TH	230TH	P
228	TH	230TH	A
228	U	232PU	A
229	AC	229RA	B-
229	AC	232TH	P
229	AC	230TH	T
229	PA	233NP	A

229	PA	229U	EC
229	PA	231PA	P
229	PA	230TH	P
229	PA	231PA	P
229	RA	229FR	B-
229	TH	233U	A
229	TH	229AC	B-
229	TH	229PA	EC
229	TH	230TH	D
229	TH	COULOMB	EXCITATION
230	AC	230RA	B-
230	PA	230TH	3HE
230	PA	231PA	POL
230	RA	230FR	B-
230	RA	232TH	56FE
230	RA	232TH	136XE
230	TH	234U	A
230	TH	230AC	B-
230	TH	COULOMB	EXCITATION
230	TH	230TH	D
230	TH	230PA	EC
230	TH	232TH	P
230	TH	232TH	206PB
230	TH	232TH	A
230	TH	230TH	D
230	TH	232TH	136XE
230	U	234PU	A
230	U	230PA	B-
230	U	232TH	A
230	U	231PA	P
231	AC	231RA	B-
231	AC	232TH	T
231	AC	232TH	136XE
231	AC	232TH	209BI
231	NP	235AM	A
231	PA	231TH	B-
231	PA	231U	EC
231	PA	235NP	A
231	PA	230TH	A
231	PA	231PA	G
231	PA	231PA	P
231	PA	231PA	D
231	PA	COULOMB	EXCITATION
231	PA	232TH	P
231	PU	235CM	A
231	RA	231FR	B-
231	TH	231AC	B-

231	TH	235U	A
231	TH	230TH	N
231	TH	230TH	N
231	TH	230TH	N
231	TH	230TH	N
231	TH	230TH	D
231	TH	232TH	D
231	TH	232TH	D
231	TH	232TH	3HE
231	TH	232TH	209BI
231	U	231NP	EC
231	U	235PU	A
232	AC	232RA	B-
232	NP	232PU	EC
232	NP	236AM	A
232	PA	236NP	A
232	PA	232TH	P
232	RA	232FR	B-
232	TH	232AC	B-
232	TH	232PA	EC
232	TH	236U	A
232	TH	230TH	T
232	TH	232TH	G
232	TH	232TH	D
232	TH	COULOMB	EXCITATION:
232	TH	COULOMB	EXCITATION:
232	TH	INELASTIC	SCATTERING
232	TH	MUONIC	ATOM
232	TH	232TH	N
232	TH	232TH	D
232	TH	232TH	A
232	U	232PA	B-
232	U	232NP	EC
232	U	236PU	A
232	U	232TH	A
232	U	234U	P
233	CM	237CF	A
233	NP	233PU	EC
233	NP	237AM	A
233	PA	233TH	B-
233	PA	237NP	A
233	PA	232TH	3HE
233	PA	232PA	N
233	PA	234U	T
233	PA	232TH	209BI
233	PU	237CM	A
233	TH	233AC	B-

233	TH	232TH	N
233	TH	232TH	N
233	TH	232TH	N
233	TH	232TH	N
233	TH	232TH	N
233	TH	232TH	D
233	TH	232TH	209BI
233	U	233PA	B-
233	U	MUONIC	ATOM
233	U	233NP	EC
233	U	237PU	A
233	U	232TH	A
233	U	232U	N
233	U	233U	D
233	U	COULOMB	EXCITATION
233	U	233U	208PB
233	U	234U	POL
233	U	234U	3HE
233	U	235U	P
234	NP	238AM	A
234	PA	234TH	B-
234	PA	234PA	IT
234	PU	238CM	A
234	PU	234AM	EC
234	TH	238U	A
234	TH	234AC	B-
234	TH	232TH	136XE
234	TH	238U	D
234	TH	232TH	18O
234	TH	232TH	T
234	U	238PU	A
234	U	234PA	B-
234	U	234PA	B-
234	U	234NP	EC
234	U	COULOMB	EXCITATION
234	U	232TH	A
234	U	234U	D
234	U	233U	D
234	U	235U	D
234	U	236U	P
234	U		HI
234	U	237NP	P
235	CM	239CF	A
235	NP	235PU	EC
235	NP	239AM	A
235	NP	234U	3HE
235	NP	237NP	P

235	NP	237NP	116SN
235	PA	235TH	B-
235	PA	236U	T
235	PU	235AM	EC
235	U	235PA	B-
235	U	235NP	EC
235	U	239PU	A
235	U	COULOMB	EXCITATION
235	U	233U	T
235	U	234U	N
235	U	234U	D
235	U	235U	N
235	U	235U	N
235	U	235U	D
235	U	236U	D
235	U	236U	3HE
235	U	MUONIC	ATOM
235	U	235U	G
236	BK	240ES	A
236	CM	240CF	A
236	NP	240AM	A
236	PA	236TH	B-
236	PU	236NP	B-
236	PU	236NP	B-
236	PU	240CM	A
236	PU	236AM	EC
236	PU	236AM	EC
236	PU	235U	A
236	PU	237NP	209BI
236	TH	238U	18O
236	U	236PA	B-
236	U	236NP	EC
236	U	236NP	EC
236	U	240PU	A
236	U	234U	T
236	U	235U	D
236	U	235U	D
236	U	235U	N
236	U	235U	N
236	U	236U	D
236	U	236U	D
236	U	236U	G
236	U	237NP	T
236	U	238U	P
236	U	COULOMB	EXCITATION
236	U	INELASTIC	SCATTERING
236	U	236U	G

236	U	237NP	209BI
237	CM	241CF	A
237	NP	241AM	A
237	NP	237U	B-
237	NP	237PU	EC
237	NP	COULOMB	EXCITATION
237	NP	236U	3HE
237	NP	237NP	D
237	NP	238U	P
237	NP	237NP	G
237	NP	237NP	209BI
237	PA	238U	T
237	PU	241CM	A
237	PU	237AM	EC
237	PU	238PU	D
237	PU	239PU	P
237	PU	237PU	IT
237	U	241PU	A
237	U	237PA	B-
237	U	236U	D
237	U	238U	D
237	U	238U	3HE
237	U	236U	N
237	U	236U	N
237	U	238U	N
237	U	238U	207PB
238	NP	237NP	N
238	NP	242AM	A
238	NP	237NP	N
238	NP	237NP	D
238	NP	237NP	N
238	NP	237NP	N
238	PU	238AM	EC
238	PU	238NP	B-
238	PU	242CM	A
238	PU	COULOMB	EXCITATION
238	PU	239PU	D
238	PU	240PU	P
238	PU	238U	A
238	PU	239PU	207PB
238	PU	239PU	117SN
238	U	238PA	B-
238	U	242PU	A
238	U	238U	N
238	U	COULOMB	EXCITATION
238	U	238U	D
238	U	238U	G

238	U	236U	T
238	U	238U	N
238	U	238U	IT
239	AM	239CM	EC
239	AM	243BK	A
239	BK	243ES	A
239	CF	243FM	A
239	CM	243CF	A
239	NP	239U	B-
239	NP	243AM	A
239	NP	238U	3HE
239	PU	239NP	B-
239	PU	MUONIC	ATOM
239	PU	238U	A
239	PU	239AM	EC
239	PU	243CM	A
239	PU	238PU	N
239	PU	238PU	D
239	PU	239PU	N
239	PU	239PU	D
239	PU	COULOMB	EXCITATION
239	PU	239PU	G
239	U	238U	N
239	U	238U	N
239	U	238U	D
239	U	238U	N
239	U	239PA	B-
240	AM	244BK	A
240	AM	241AM	D
240	BK	244ES	A
240	CM	240BK	EC
240	CM	244CF	A
240	NP	240U	B-
240	NP	240NP	IT
240	PU	240NP	B-
240	PU	240NP	B-
240	PU	240AM	EC
240	PU	244CM	A
240	PU	238U	A
240	PU	239PU	N
240	PU	239PU	N
240	PU	239PU	N
240	PU	239PU	D
240	PU	239PU	D
240	PU	240PU	N
240	PU	240PU	D
240	PU	COULOMB	EXCITATION

240	PU	241AM	209BI
240	PU	242PU	P
240	U	244PU	A
240	U	238U	T
240	U	238U	18O
241	AM	245BK	A
241	AM	241PU	B-
241	AM	241AM	209BI
241	AM	241CM	EC
241	AM	243AM	P
241	AM	240PU	A
241	CM	245CF	A
241	CM	241BK	EC
241	PU	240PU	N
241	PU	240PU	N
241	PU	240PU	N
241	PU	245CM	A
241	PU	241NP	B-
241	PU	240PU	D
241	PU	242PU	D
241	PU	242PU	3HE
241	PU	241PU	D
241	PU	242PU	D
242	AM	241AM	D
242	AM	243AM	D
242	AM	COULOMB	EXCITATION
242	AM	241AM	N
242	AM	241AM	N
242	AM	241AM	N
242	AM	241AM	N
242	AM	242AM	IT
242	BK	246ES	A
242	CF	246FM	A
242	CF	242ES	EC
242	CM	242AM	B-
242	CM	242BK	EC
242	CM	246CF	A
242	CM	241AM	209BI
242	ES	246MD	A
242	ES	246MD	A
242	NP	242U	B-
242	PU	246CM	A
242	PU	242NP	B-
242	PU	242NP	B-
242	PU	242AM	EC
242	PU	COULOMB	EXCITATION
242	PU	242PU	D

242	PU	244PU	P
242	PU	244PU	208PB
242	PU	241PU	N
242	PU	241PU	N
242	U	244PU	18O
243	AM	247BK	A
243	AM	243PU	B-
243	AM	COULOMB	EXCITATION
243	AM	242PU	3HE
243	AM	243CM	EC
243	BK	247ES	A
243	CF	247FM	A
243	CF	247FM	A
243	CM	247CF	A
243	CM	243BK	EC
243	CM	244CM	D
243	ES	247MD	A
243	ES	247MD	A
243	NP	244PU	POL
243	PU	247CM	A
243	PU	243NP	B-
243	PU	244PU	208PB
243	PU	242PU	D
243	PU	242PU	D
243	PU	242PU	N
243	PU	242PU	N
244	AM	243AM	D
244	AM	243AM	N
244	AM	243AM	N
244	AM	243AM	N
244	AM	244PU	3HE
244	BK	248ES	A
244	CF	248FM	A
244	CF	244ES	EC
244	CM	248CF	A
244	CM	244AM	B-
244	CM	244AM	B-
244	CM	COULOMB	EXCITATION
244	CM	244BK	EC
244	ES	248MD	A
244	FM	207PB	40AR
244	PU	248CM	A
244	PU	244NP	B-
244	PU	COULOMB	EXCITATION
244	PU	244PU	D
244	PU	244PU	47TI
244	PU	244PU	208PB

245	AM	249BK	A
245	AM	245PU	B-
245	AM	244PU	T
245	BK	249ES	A
245	BK	245CF	EC
245	CF	249FM	A
245	CM	249CF	A
245	CM	245AM	B-
245	CM	245BK	EC
245	CM	246CM	D
245	ES	249MD	A
245	PU	244PU	18O
245	PU	244PU	D
246	AM	246PU	B-
246	CF	250FM	A
246	CM	246AM	B-
246	CM	246AM	B-
246	CM	246BK	EC
246	CM	250CF	A
246	CM	246CM	D
246	CM	COULOMB	EXCITATION
246	CM	248CM	P
246	CM	248CM	209BI
246	FM	246MD	EC
246	FM	208PB	40AR
246	PU	244PU	T
246	PU	244PU	18O
247	BK	247CF	EC
247	BK	251ES	A
247	BK	246CM	A
247	BK	249BK	P
247	CF	251FM	A
247	CF	247ES	EC
247	CM	251CF	A
247	CM	247AM	B-
247	CM	246CM	D
247	CM	248CM	209BI
247	ES	251MD	A
247	ES	247FM	EC
247	FM	251NO	A
247	FM	251NO	A
248	BK	252ES	A
248	CF	249CF	D
248	CF	252FM	A
248	CF	248BK	B-
248	CF	CF	18O
248	CM	252CF	A

248	CM	248BK	EC
248	CM	COULOMB	EXCITATION
248	CM	248CM	A
248	CM	246CM	T
248	FM	252NO	A
248	FM	202HG	48CA
248	MD	252LR	A
249	BK	249CM	B-
249	BK	253ES	A
249	BK	248CM	A
249	BK	COULOMB	EXCITATION
249	CF	249BK	B-
249	CF	249ES	EC
249	CF	253FM	A
249	CF	249CF	D
249	CF	249CF	207PB
249	CM	253CF	A
249	CM	248CM	N
249	CM	248CM	D
249	CM	248CM	4HE
249	CM	248CM	13C
249	CM	248CM	16O
249	CM	248CM	18O
249	CM	248CM	18O
249	CM	248CM	209BI
249	FM	253NO	A
249	MD	253LR	A
249	MD	253LR	A
249	NO	253RF	A
250	BK	254ES	A
250	BK	254ES	A
250	BK	249BK	N
250	CF	254FM	A
250	CF	250BK	B-
250	CF	250ES	EC
250	CF	250ES	EC
250	CF	250CF	D
250	CF	249CF	D
250	CF	249BK	A
250	CM	254CF	A
250	FM	254NO	A
250	FM	250MD	EC
250	MD	254LR	A
251	BK	251CM	B-
251	BK	255ES	A
251	CF	251BK	B-
251	CF	251ES	EC

251	CF	255FM	A
251	CF	250CF	D
251	ES	251FM	EC
251	ES	255MD	A
251	ES	250CF	A
251	FM	255NO	A
251	MD	255LR	A
251	MD	255LR	A
251	MD	205TL	48CA
251	NO	255RF	A
251	NO	206PB	48CA
252	CF	256FM	A
252	CF	252ES	EC
252	CF	COULOMB	EXCITATION
252	CF	CF	180
252	ES	256MD	A
252	FM	256NO	A
252	LR	256DB	A
252	MD	256LR	A
252	NO	206PB	48CA
252	NO	256RF	A
252	NO	252NO	IT
253	CF	257FM	A
253	ES	253CF	B-
253	ES	253FM	EC
253	ES	257MD	A
253	FM	257NO	A
253	FM	253MD	EC
253	LR	257DB	A
253	LR	257DB	A
253	MD	257LR	A
253	MD	253NO	EC
253	NO	257RF	A
253	NO	257RF	A
253	NO	207PB	48CA
253	NO	253NO	IT
253	NO	253NO	IT
254	CF	254ES	EC
254	ES	258MD	A
254	FM	254ES	B-
254	FM	254ES	B-
254	LR	258DB	A
254	LR	258DB	A
254	MD	258LR	A
254	NO	254LR	EC
254	NO	258RF	A
254	NO	254NO	IT

254	NO	254NO	IT
254	NO	254NO	IT
254	NO	208PB	48CA
255	ES	255CF	B-
255	FM	255ES	B-
255	FM	255MD	EC
255	FM	259NO	A
255	LR	209BI	48CA
255	LR	255LR	IT
255	LR	259DB	A
255	LR	255LR	IT
255	MD	255NO	EC
255	MD	259LR	A
255	NO	259RF	A
255	NO	208PB	48CA
255	RF	259SG	A
255	RF	208PB	48TI
256	DB	260BH	A
256	FM	256ES	B-
256	FM	256ES	B-
256	FM	256MD	EC
256	LR	260DB	A
256	MD	260LR	A
256	RF	260SG	A
256	RF	208PB	50TI
257	DB	261BH	A
257	FM	257MD	EC
257	LR	261DB	A
257	LR	257RF	EC
257	LR	257RF	EC
257	NO	261RF	A
257	NO	261RF	A
257	RF	261SG	A
257	RF	208PB	50TI
258	DB	262BH	A
258	DB	262BH	A
258	FM	258MD	EC
258	LR	262DB	A
258	NO	258MD	B-
258	NO	258LR	EC
258	RF	258DB	EC
258	RF	258DB	EC
259	LR	263DB	A
259	LR	259RF	EC
259	MD	259NO	EC
259	RF	263SG	A
259	RF	238U	26MG

259	SG	263HS	A
259	SG	208PB	52CR
260	DB	264BH	A
260	SG	264HS	A
261	RF	265SG	A
261	RF	265SG	A
261	SG	265HS	A
261	SG	265HS	A
262	RF	266SG	A
262	SG	266HS	A
263	SG	267HS	A
264	BH	268MT	A
265	HS		26910 A
265	RF	269SG	A
265	SG	269HS	A
266	BH	270MT	A
266	DB	270BH	A
266	HS	270DS	A
266	HS	270DS	A
266	LR	270DB	A
266	SG	270HS	A
267	DB	271BH	A
267	HS	271DS	A
267	RF	271SG	A
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268	MT	272RG	A
269	HS	273DS	A
269	SG	273HS	A
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271	SG	275HS	A
272	BH	276MT	A
273	DS	277CN	A
273	HS	277DS	A
274	BH	278MT	A
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274	RG	278NH	A
275	HS	279DS	A
275	MT	279RG	A
276	MT	280RG	A
277	DS	281CN	A
277	HS	281DS	A
277	MT	281RG	A
278	MT	282RG	A

278	RG	282NH	A
279	DS	283CN	A
279	RG	283NH	A
280	RG	284NH	A
281	CN	285FL	A
281	DS	285CN	A
281	RG	285NH	A
282	CN	286FL	A
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284	CN	288FL	A
284	NH	288MC	A
285	CN	289FL	A
285	NH	289MC	A
286	FL	290LV	A
286	NH	290MC	A
287	FL	291LV	A
288	FL	292LV	A
289	FL	293LV	A
289	MC	293TS	A
290	LV	294OG	A
290	MC	294TS	A

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DECAY:11.000  
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21NAG

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DECAY:83

DECAY:20

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22MG'

22MGG

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DECAY

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22O'  
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P23O  
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28NE'G  
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30NE'G  
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31NA'G  
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31NAG

31NA'G

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31SG

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32NE'G  
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16O  
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36MG'G  
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38ALG  
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XG

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3HE

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XNG

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XG

DECAY

15N

XG

3HEG

A

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DECAY

XNG

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3NG

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2NG

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DECAY:

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2NG

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DECAY

DECAY:0.81

DECAY:1.12

XG

DECAY

DECAY

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