

Review of REACTION Codes for Thick Target Radioisotope Yields

(S. Takács, N. Otsuka, 2017-05-18, Memo CP-D/933)

We have improved the quantity codes and LEXFOR “Thick- and thin-target yields” based on our article (N. Otsuka and S. Takács, *Radiochim. Acta* **103** (2015) 1). In order to improve the consistency in the REACTION codes with TTY in SF6 of existing EXFOR entries based on these improved dictionary and manual, all EXFOR entries compiling experimental thick target radioisotope yields were revised against our 2015 article by ATOMKI.

Area	Responsible centre	# of entries for revisions	# of REACTION codes checked
A	CNPD	67	932
B	NDS	23	83
C	NNDC	29	119
D0	NDS	65	313
D4	ATOMKI	41	164
D6	NDPCI	6	20
D7	KNDC	3	35
E	JCPRG	22	179
F	CNPD	11	59
M	CDFE	4	9
O	NEA DB	54	231
R	JCPRG	12	52
S	CNDC	2	4
T	NNDC	3	4
Sum		342	2204

Main conclusions:

- Most of the REACTION codes require corrections due to the change of the compilation rules. Relatively few entries required no correction.
- Some of the original articles (generally paper published long time ago) did not provide enough information on the experimental conditions to determine properly the type of the published yield (i.e. PHY, (PHY), SAT, EOB). In such a case decision was made on the properties of the investigated radionuclide and the available information provided by the authors in the article.
- Some papers provided confusing information for example referring the physical yield in the body of the article but giving EOB "yield" in the table.

The list of the reviewed subentries is appended to this memo with the original and proposed REACTION codes. Drafts of revised entries have been also prepared by ATOMKI so that they meet the current EXFOR rules and dictionaries, and NDS will send the drafts to the originating centres on request. Note that these EXFOR drafts are not always consistent with the final proposals appended to this memo, and the originating centres should use them with caution.

The source article was not available for B0097, and the quantity codes with SF6=(PHY) are proposed.

There might be a need to have another branch code “(EOB)” – uncertain if the yield refers to the end-of-bombardment. This is still an open question between us.

Appendix

List of checked REACTION codes and the proposed changes

Subentry	REACTION original (2194 codes)	Checked Reactions (2204 codes)
A0002.002	(55-CS-133(P,N)56-BA-133-G,,TTY,,DT)	(55-CS-133(P,N)56-BA-133-G,M+,TTY,,PHY)
A0002.003	(55-CS-133(P,N)56-BA-133-M,,TTY,,DT)	(55-CS-133(P,N)56-BA-133-M,,TTY,,(PHY))
A0002.004	(55-CS-133(D,2N)56-BA-133-M,,TTY,,DT)	(55-CS-133(D,2N)56-BA-133-M,,TTY,,(PHY))
A0002.005	(55-CS-133(D,2N)56-BA-133-G,,TTY,,DT)	(55-CS-133(D,2N)56-BA-133-G,M+,TTY,,PHY)
A0004.002	(49-IN-0(P,X)50-SN-113,,TTY,,DT)	(49-IN-0(P,X)50-SN-113,M+,TTY,PHY)
A0004.003	(49-IN-0(D,X)50-SN-113,,TTY,,DT)	(49-IN-0(D,X)50-SN-113,M+,TTY,,PHY)
A0004.004	(49-IN-115(A,N+P)50-SN-117-M1,,TTY,,DT)	(49-IN-115(A,X)50-SN-117-M1,,TTY,,(PHY))
A0004.005	(48-CD-0(A,X)50-SN-113,,TTY,,DT)	(48-CD-0(A,X)50-SN-113,M+,TTY,,PHY)
A0004.006	(48-CD-0(A,X)50-SN-117-M1,,TTY,,DT)	(48-CD-0(A,X)50-SN-117-M1,,TTY,,(PHY))
A0006.002	(32-GE-0(P,X)33-AS-73,,TTY,,DT,EXP)	(32-GE-0(P,X)33-AS-73,,TTY,,PHY)
A0006.003	(32-GE-0(D,X)33-AS-73,,TTY,,DT,EXP)	(32-GE-0(D,X)33-AS-73,,TTY,,PHY)
A0006.004	(32-GE-0(A,X)33-AS-73,CUM,TTY,,DT,EXP)	(32-GE-0(A,X)33-AS-73,CUM,TTY,,PHY)
A0006.005	(32-GE-0(P,X)33-AS-74,,TTY,,DT,EXP)	(32-GE-0(P,X)33-AS-74,,TTY,,PHY)
A0006.006	(32-GE-0(D,X)33-AS-74,,TTY,,DT,EXP)	(32-GE-0(D,X)33-AS-74,,TTY,,PHY)
A0006.007	(32-GE-0(A,X)33-AS-74,,TTY,,DT,EXP)	(32-GE-0(A,X)33-AS-74,,TTY,,PHY)
A0006.008	(31-GA-71(A,2N)33-AS-73,,TTY,,DT/A,EXP)	(31-GA-71(A,2N)33-AS-73,,TTY,,PHY)
A0006.009	(31-GA-71(A,N)33-AS-74,,TTY,,DT/A,EXP)	(31-GA-71(A,N)33-AS-74,,TTY,,PHY)
A0006.010	(33-AS-75(P,X)33-AS-74,,TTY,,DT,EXP)	(33-AS-75(P,X)33-AS-74,,TTY,,PHY)
A0006.011	(33-AS-75(D,X)33-AS-74,,TTY,,DT,EXP)	(33-AS-75(D,X)33-AS-74,,TTY,,PHY)
A0006.012	(33-AS-75(A,X)33-AS-74,,TTY,,DT,EXP)	(33-AS-75(A,X)33-AS-74,,TTY,,PHY)
A0008.002	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,PHY)
A0008.003	(80-HG-0(D,X)81-TL-200,,TTY,,DT)	(80-HG-0(D,X)81-TL-200,,TTY,,PHY)
A0008.004	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,PHY)
A0008.005	(80-HG-0(D,X)81-TL-201,,TTY,,DT)	(80-HG-0(D,X)81-TL-201,,TTY,,PHY)

A0008.006	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,PHY)
A0008.007	(80-HG-0(D,X)81-TL-202,,TTY,,DT)	(80-HG-0(D,X)81-TL-202,,TTY,,PHY)
A0008.008	(80-HG-204(P,N)81-TL-204,,TTY,,DT,CALC)	(80-HG-204(P,N)81-TL-204,,TTY,,PHY,CALC)
A0008.009	(80-HG-204(D,2N)81-TL-204,,TTY,,DT,CALC)	(80-HG-204(D,2N)81-TL-204,,TTY,,PHY,CALC)
A0009.002	(42-MO-0(P,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-95-M,,TTY,,PHY)
A0009.003	(42-MO-0(P,X)43-TC-96,,TTY,,DT)	(42-MO-0(P,X)43-TC-96,(M+),TTY,,PHY)
A0009.004	(42-MO-0(P,X)43-TC-97-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-97-M,,TTY,,PHY)
A0009.005	(42-MO-0(D,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(D,X)43-TC-95-M,,TTY,,PHY)
A0009.006	(42-MO-0(D,X)43-TC-96,,TTY,,DT)	(42-MO-0(D,X)43-TC-96,(M+),TTY,,PHY)
A0009.007	(42-MO-0(D,X)43-TC-97-M,,TTY,,DT)	(42-MO-0(D,X)43-TC-97-M,,TTY,,PHY)
A0009.008	(42-MO-0(A,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(A,X)43-TC-95-M,(CUM),TTY,,PHY)
A0009.009	(42-MO-0(A,X)43-TC-96,,TTY,,DT)	(42-MO-0(A,X)43-TC-96,(M+),TTY,,PHY)
A0009.010	(41-NB-93(A,2N)43-TC-95-M,,TTY,,DT)	(41-NB-93(A,2N)43-TC-95-M,,TTY,,PHY)
A0009.011	(41-NB-93(A,N)43-TC-96,,TTY,,DT)	(41-NB-93(A,N)43-TC-96,(M+),TTY,,PHY)
A0011.002	(35-BR-81(A,2N)37-RB-83,,TTY,,DT)	(35-BR-81(A,2N)37-RB-83,,TTY,,PHY)
A0011.003	(35-BR-81(A,N)37-RB-84,,TTY,,DT)	(35-BR-81(A,N)37-RB-84,M+,TTY,,PHY)
A0011.004	(36-KR-0(P,X)37-RB-83,,TTY,,DT,CALC)	(36-KR-0(P,X)37-RB-83,,TTY,,PHY,CALC)
A0011.005	(36-KR-84(P,N)37-RB-84,,TTY,,DT,CALC)	(36-KR-84(P,N)37-RB-84,(M+),TTY,,PHY,CALC)
A0011.006	(36-KR-86(P,N)37-RB-86,,TTY,,DT,CALC)	(36-KR-86(P,N)37-RB-86,(M+),TTY,,PHY,CALC)
A0011.007	(36-KR-0(D,X)37-RB-83,,TTY,,DT,CALC)	(36-KR-0(D,X)37-RB-83,,TTY,,PHY,CALC)
A0011.008	(36-KR-0(D,X)37-RB-84,,TTY,,DT,CALC)	(36-KR-0(D,X)37-RB-84,(M+),TTY,,PHY,CALC)
A0011.009	(36-KR-86(D,2N)37-RB-86,,TTY,,DT,CALC)	(36-KR-86(D,2N)37-RB-86,(M+),TTY,,PHY,CALC)
A0011.010	((36-KR-0(A,X)38-SR-83,,TTY,,DT,CALC)+ (36-KR-0(A,X)37-RB-83,,TTY,,DT,CALC))	(36-KR-0(A,X)37-RB-83,CUM,TTY,,PHY,CALC)
A0011.011	(36-KR-0(A,X)37-RB-84,,TTY,,DT,CALC)	(36-KR-0(A,X)37-RB-84,(M+),TTY,,PHY,CALC)
A0011.012	(36-KR-0(A,X)37-RB-86,,TTY,,DT,CALC)	(36-KR-0(A,X)37-RB-86,(M+),TTY,,PHY,CALC)
A0012.002	(3-LI-0(P,X)4-BE-7,,TTY,,DT)	(3-LI-0(P,X)4-BE-7,,TTY,,PHY)
A0012.003	(3-LI-0(D,X)4-BE-7,,TTY,,DT)	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)
A0012.004	(5-B-0(P,X)4-BE-7,,TTY,,DT)	(5-B-0(P,X)4-BE-7,,TTY,,PHY)
A0012.005	(5-B-0(D,X)4-BE-7,,TTY,,DT)	(5-B-0(D,X)4-BE-7,,TTY,,PHY)
A0012.006	(4-BE-9(P,T)4-BE-7,,TTY,,DT)	(4-BE-9(P,T)4-BE-7,,TTY,,PHY)

A0012.007	(4-BE-9(D,N+T)4-BE-7,,TTY,,DT)	(4-BE-9(D,N+T)4-BE-7,,TTY,,PHY)
A0012.008	(4-BE-9(A,X)4-BE-7,,TTY,,DT)	(4-BE-9(A,X)4-BE-7,,TTY,,PHY)
A0017.002.A	(51-SB-121(P,N)52-TE-121-M,,TTY,,DT)	(51-SB-121(P,N)52-TE-121-M,,TTY,,PHY)
A0017.002.B	(51-SB-121(P,N)52-TE-121-G,,TTY,,DT)	(51-SB-121(P,N)52-TE-121-G,,TTY,,PHY)
A0017.002.C	(51-SB-123(P,N)52-TE-123-M,,TTY,,DT)	(51-SB-123(P,N)52-TE-123-M,,TTY,,PHY)
A0017.003.A	(51-SB-121(D,2N)52-TE-121-M,,TTY,,DT)	(51-SB-121(D,2N)52-TE-121-M,,TTY,,PHY)
A0017.003.B	(51-SB-121(D,2N)52-TE-121-G,,TTY,,DT)	(51-SB-121(D,2N)52-TE-121-G,,TTY,,PHY)
A0017.003.C	(51-SB-123(D,2N)52-TE-123-M,,TTY,,DT)	(51-SB-123(D,2N)52-TE-123-M,,TTY,,PHY)
A0017.004.A	(50-SN-0(A,X)52-TE-121-M,,TTY,,DT)	(50-SN-0(A,X)52-TE-121-M,,TTY,,PHY)
A0017.004.B	(50-SN-0(A,X)52-TE-121-G,,TTY,,DT)	(50-SN-0(A,X)52-TE-121-G,,TTY,,PHY)
A0017.004.C	(50-SN-0(A,X)52-TE-123-M,,TTY,,DT)	(50-SN-0(A,X)52-TE-123-M,,TTY,,PHY)
A0021.002	(21-SC-45(P,2N)22-TI-44,,TTY,,DT)	(21-SC-45(P,2N)22-TI-44,,TTY,,PHY)
A0021.003	(21-SC-45(D,3N)22-TI-44,,TTY,,DT)	(21-SC-45(D,3N)22-TI-44,,TTY,,PHY)
A0022.002	(33-AS-75(P,N)34-SE-75,,TTY,,DT)	(33-AS-75(P,N)34-SE-75,,TTY,,PHY)
A0022.003	(33-AS-75(D,2N)34-SE-75,,TTY,,DT)	(33-AS-75(D,2N)34-SE-75,,TTY,,PHY)
A0022.004.A	(32-GE-70(A,2N)34-SE-72,,TTY,,DT)	(32-GE-70(A,2N)34-SE-72,,TTY,,PHY)
A0022.004.B	(32-GE-0(A,X)34-SE-75,,TTY,,DT)	(32-GE-0(A,X)34-SE-75,,TTY,,PHY)
A0028.002	(90-TH-232(32-GE-74,F)ELEM/MASS,CUM,TTY,,REL)	(90-TH-232(32-GE-74,F)ELEM/MASS,CUM,TTY,,REL)
A0028.003	(90-TH-232(32-GE-74,F)ELEM,CUM,TTY,,REL)	(90-TH-232(32-GE-74,F)ELEM,CUM,TTY,,REL)
A0028.004.A	(90-TH-232(32-GE-74,X)91-PA-232,CUM,TTY,,REL)	(90-TH-232(32-GE-74,X)91-PA-232,CUM,TTY,,REL)
A0028.004.B	(90-TH-232(32-GE-74,X)92-U-230,CUM,TTY,,REL)	(90-TH-232(32-GE-74,X)92-U-230,CUM,TTY,,REL)
A0028.004.C	(90-TH-232(32-GE-74,X)90-TH-231,CUM,TTY,,REL)	(90-TH-232(32-GE-74,X)90-TH-231,CUM,TTY,,REL)
A0028.004.D	(90-TH-232(32-GE-74,X)90-TH-227,CUM,TTY,,REL)	(90-TH-232(32-GE-74,X)90-TH-227,CUM,TTY,,REL)
A0044.002	(53-I-127(A,2N)55-CS-129,,TTY,,DT)	(53-I-127(A,2N)55-CS-129,,TTY,,PHY)
A0044.003	(53-I-127(A,4N)55-CS-127,,TTY,,DT)	(53-I-127(A,4N)55-CS-127,,TTY,,(PHY))
A0049.002	(55-CS-133(A,N+P)56-BA-135-M,,TTY,,DT)	(55-CS-133(A,X)56-BA-135-M,,TTY,,(PHY))
A0049.003	(57-LA-139(P,N+A)56-BA-135-M,,TTY,,DT)	(57-LA-139(P,N+A)56-BA-135-M,,TTY,,(PHY))

A0053.002	(12-MG-0(A,2P)12-MG-28,,TTY,,DT)	(12-MG-0(A,2P)12-MG-28,,TTY,,(PHY))
A0053.003	(13-AL-27(A,3P)12-MG-28,,TTY,,DT)	(13-AL-27(A,3P)12-MG-28,,TTY,,(PHY))
A0070.002.A	(74-W-0(P,X)75-RE-181,,TTY,,DT)	(74-W-0(P,X)75-RE-181,,TTY,,PHY)
A0070.002.B	(74-W-0(P,X)75-RE-182-M,,TTY,,DT)	(74-W-0(P,X)75-RE-182-M,,TTY,,PHY)
A0070.002.C	(74-W-0(P,X)75-RE-182,,TTY,,DT)	(74-W-0(P,X)75-RE-182,,TTY,,PHY)
A0070.002.D	(74-W-0(P,X)75-RE-183,,TTY,,DT)	(74-W-0(P,X)75-RE-183,,TTY,,PHY)
A0070.002.E	(74-W-0(P,X)75-RE-184-M,,TTY,,DT)	(74-W-0(P,X)75-RE-184-M,,TTY,,PHY)
A0070.002.F	(74-W-0(P,X)75-RE-184,,TTY,,DT)	(74-W-0(P,X)75-RE-184-G,M-,TTY,,PHY)
A0070.002.G	(74-W-0(P,X)75-RE-186,,TTY,,DT,CALC)	(74-W-0(P,X)75-RE-186,,TTY,,PHY,CALC)
A0070.003.A	(74-W-0(D,X)75-RE-181,,TTY,,DT)	(74-W-0(D,X)75-RE-181,,TTY,,PHY)
A0070.003.B	(74-W-0(D,X)75-RE-182-M,,TTY,,DT)	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY)
A0070.003.C	(74-W-0(D,X)75-RE-182,,TTY,,DT)	(74-W-0(D,X)75-RE-182,,TTY,,PHY)
A0070.003.D	(74-W-0(D,X)75-RE-183,,TTY,,DT)	(74-W-0(D,X)75-RE-183,,TTY,,PHY)
A0070.003.E	(74-W-0(D,X)75-RE-184-M,,TTY,,DT)	(74-W-0(D,X)75-RE-184-M,,TTY,,PHY)
A0070.003.F	(74-W-0(D,X)75-RE-184,,TTY,,DT)	(74-W-0(D,X)75-RE-184-G,M-,TTY,,PHY)
A0070.003.G	(74-W-0(D,X)75-RE-186,,TTY,,DT,CALC)	(74-W-0(D,X)75-RE-186,,TTY,,PHY,CALC)
A0070.004.A	(73-TA-0(A,X)75-RE-181,,TTY,,DT)	(73-TA-0(A,X)75-RE-181,,TTY,,PHY)
A0070.004.B	(73-TA-0(A,X)75-RE-182-M,,TTY,,DT)	(73-TA-0(A,X)75-RE-182-M,,TTY,,PHY)
A0070.004.C	(73-TA-0(A,X)75-RE-182,,TTY,,DT)	(73-TA-0(A,X)75-RE-182,,TTY,,PHY)
A0070.004.D	(73-TA-0(A,X)75-RE-183,,TTY,,DT)	(73-TA-0(A,X)75-RE-183,,TTY,,PHY)
A0070.004.E	(73-TA-0(A,X)75-RE-184-M,,TTY,,DT)	(73-TA-0(A,X)75-RE-184-M,,TTY,,PHY)
A0070.004.F	(73-TA-0(A,X)75-RE-184,,TTY,,DT)	(73-TA-0(A,X)75-RE-184-G,M-,TTY,,PHY)
A0078.002.A	(52-TE-0(P,X)53-I-123,,TTY,,DT)	(52-TE-0(P,X)53-I-123,,TTY,,(PHY))
A0078.002.B	(52-TE-0(P,X)53-I-124,,TTY,,DT)	(52-TE-0(P,X)53-I-124,,TTY,,PHY)
A0078.002.C	(52-TE-0(P,X)53-I-125,,TTY,,DT)	(52-TE-0(P,X)53-I-125,,TTY,,PHY)
A0078.002.D	(52-TE-0(P,X)53-I-126,,TTY,,DT)	(52-TE-0(P,X)53-I-126,,TTY,,PHY)
A0078.002.E	(52-TE-0(P,X)53-I-130,,TTY,,DT)	(52-TE-0(P,X)53-I-130-G,M+,TTY,,(PHY))
A0078.003.A	(52-TE-0(D,X)53-I-123,,TTY,,DT)	(52-TE-0(D,X)53-I-123,,TTY,,(PHY))
A0078.003.B	(52-TE-0(D,X)53-I-124,,TTY,,DT)	(52-TE-0(D,X)53-I-124,,TTY,,PHY)
A0078.003.C	(52-TE-0(D,X)53-I-125,,TTY,,DT)	(52-TE-0(D,X)53-I-125,,TTY,,PHY)
A0078.003.D	(52-TE-0(D,X)53-I-126,,TTY,,DT)	(52-TE-0(D,X)53-I-126,,TTY,,PHY)
A0078.003.E	(52-TE-0(D,X)53-I-130,,TTY,,DT)	(52-TE-0(D,X)53-I-130-G,M+,TTY,,(PHY))

A0078.003.F	(52-TE-0(D,X)53-I-131,,TTY,,DT)	(52-TE-0(D,X)53-I-131,,TTY,,PHY)
A0078.004.A	(52-TE-0(A,X)53-I-123,,TTY,,DT)	(52-TE-0(A,X)53-I-123,(CUM),TTY,,EOB)
A0078.004.B	(52-TE-0(A,X)53-I-124,,TTY,,DT)	(52-TE-0(A,X)53-I-124,,TTY,,PHY)
A0078.004.C	(52-TE-0(A,X)53-I-125,,TTY,,DT)	(52-TE-0(A,X)53-I-125,(CUM),TTY,,EOB)
A0078.004.D	(52-TE-0(A,X)53-I-126,,TTY,,DT)	(52-TE-0(A,X)53-I-126,,TTY,,PHY)
A0078.004.E	(52-TE-0(A,X)53-I-130,,TTY,,DT)	(52-TE-0(A,X)53-I-130-G,M+,TTY,,(PHY))
A0078.004.F	(52-TE-0(A,X)53-I-131,,TTY,,DT)	(52-TE-0(A,X)53-I-131,(CUM),TTY,,EOB)
A0078.004.K	(52-TE-0(A,X)53-I-132,,TTY,,DT)	(52-TE-0(A,X)53-I-132-G,(M+),TTY,,(PHY))
A0078.005.A	(51-SB-0(A,X)53-I-123,,TTY,,DT)	(51-SB-0(A,X)53-I-123,,TTY,,(PHY))
A0078.005.B	(51-SB-0(A,X)53-I-124,,TTY,,DT)	(51-SB-0(A,X)53-I-124,,TTY,,PHY)
A0078.005.C	(51-SB-0(A,X)53-I-125,,TTY,,DT)	(51-SB-0(A,X)53-I-125,,TTY,,PHY)
A0078.005.D	(51-SB-0(A,X)53-I-126,,TTY,,DT)	(51-SB-0(A,X)53-I-126,,TTY,,PHY)
A0083.002	(45-RH-103(A,2N)47-AG-105,,TTY,,DT)	(45-RH-103(A,2N)47-AG-105,,TTY,,PHY)
A0083.003	(45-RH-103(A,N)47-AG-106-M,,TTY,,DT)	(45-RH-103(A,N)47-AG-106-M,,TTY,,PHY)
A0083.004	(46-PD-105(P,N)47-AG-105,,TTY,,DT,CALC)	(46-PD-105(P,N)47-AG-105,,TTY,,PHY,CALC)
A0083.005	(46-PD-106(P,2N)47-AG-105,,TTY,,DT,CALC)	(46-PD-106(P,2N)47-AG-105,,TTY,,PHY,CALC)
A0083.006	(46-PD-106(P,N)47-AG-106-M,,TTY,,DT,CALC)	(46-PD-106(P,N)47-AG-106-M,,TTY,,PHY,CALC)
A0083.007	(46-PD-108(P,3N)47-AG-106-M,,TTY,,DT,CALC)	(46-PD-108(P,3N)47-AG-106-M,,TTY,,PHY,CALC)
A0083.008	(46-PD-108(P,N)47-AG-108-M,,TTY,,DT,CALC)	(46-PD-108(P,N)47-AG-108-M,,TTY,,PHY,CALC)
A0083.009	(46-PD-110(P,3N)47-AG-108-M,,TTY,,DT,CALC)	(46-PD-110(P,3N)47-AG-108-M,,TTY,,PHY,CALC)
A0083.010	(46-PD-110(P,N)47-AG-110-M,,TTY,,DT,CALC)	(46-PD-110(P,N)47-AG-110-M,,TTY,,PHY,CALC)
A0083.011	(46-PD-104(D,N)47-AG-105,,TTY,,DT,CALC)	(46-PD-104(D,N)47-AG-105,,TTY,,PHY,CALC)
A0083.012	(46-PD-105(D,2N)47-AG-105,,TTY,,DT,CALC)	(46-PD-105(D,2N)47-AG-105,,TTY,,PHY,CALC)
A0083.013	(46-PD-106(D,3N)47-AG-105,,TTY,,DT,CALC)	(46-PD-106(D,3N)47-AG-105,,TTY,,PHY,CALC)
A0083.014	(46-PD-105(D,N)47-AG-106-M,,TTY,,DT,CALC)	(46-PD-105(D,N)47-AG-106-M,,TTY,,PHY,CALC)
A0083.015	(46-PD-106(D,2N)47-AG-106-M,,TTY,,DT,CALC)	(46-PD-106(D,2N)47-AG-106-M,,TTY,,PHY,CALC)
A0083.016	(46-PD-108(D,2N)47-AG-108-M,,TTY,,DT,CALC)	(46-PD-108(D,2N)47-AG-108-M,,TTY,,PHY,CALC)
A0083.017	(46-PD-110(D,2N)47-AG-110-M,,TTY,,DT,CALC)	(46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,CALC)
A0083.018	(46-PD-110(D,N)47-AG-111,,TTY,,DT,EVAL)	(46-PD-110(D,N)47-AG-111,,TTY,,PHY,EVAL)
A0085.002	(5-B-0(P,N)6-C-10,,TTY)	(5-B-0(P,N)6-C-10,,TTY,,PHY)
A0085.003	(6-C-0(P,X)7-N-13,,TTY)	(6-C-0(P,X)7-N-13,,TTY,,PHY)
A0085.004	(7-N-0(P,A)6-C-11,,TTY)	(7-N-0(P,A)6-C-11,,TTY,,PHY)

A0085.005	(7-N-0(P,N)8-O-14,,TTY)	(7-N-0(P,N)8-O-14,,TTY,,PHY)
A0085.006	(8-O-0(P,X)7-N-13,,TTY)	(8-O-0(P,X)7-N-13,,TTY,,PHY)
A0085.007	(11-NA-23(P,N)12-MG-23,,TTY)	(11-NA-23(P,N)12-MG-23,,TTY,,PHY)
A0085.008	(24-CR-0(P,N)25-MN-52-M,,TTY)	(24-CR-0(P,N)25-MN-52-M,,TTY,,PHY)
A0085.009	(28-NI-0(P,N)29-CU-60,,TTY)	(28-NI-0(P,N)29-CU-60,,TTY,,PHY)
A0085.010	(30-ZN-0(P,N)31-GA-64,,TTY)	(30-ZN-0(P,N)31-GA-64,,TTY,,PHY)
A0085.011	(34-SE-0(P,N)35-BR-80-G,,TTY)	(34-SE-0(P,N)35-BR-80-G,,TTY,,PHY)
A0085.012	(35-BR-0(P,N)36-KR-79-M,,TTY)	(35-BR-0(P,N)36-KR-79-M,,TTY,,PHY)
A0085.013	(35-BR-0(P,N)36-KR-81-M,,TTY)	(35-BR-0(P,N)36-KR-81-M,,TTY,,PHY)
A0085.014	(39-Y-89(P,N)40-ZR-89-M,,TTY)	(39-Y-89(P,N)40-ZR-89-M,,TTY,,PHY)
A0085.015	(40-ZR-0(P,N)41-NB-90-M,,TTY)	(40-ZR-0(P,N)41-NB-90-M,,TTY,,PHY)
A0085.016	(42-MO-0(P,N)43-TC-92,,TTY)	(42-MO-0(P,N)43-TC-92,,TTY,,PHY)
A0085.017	(48-CD-0(P,X)49-IN-112-G,,TTY)	(48-CD-0(P,X)49-IN-112-G,(M),TTY,,PHY)
A0085.018.1	(50-SN-0(P,X)51-SB-116-G,,TTY)	(50-SN-0(P,X)51-SB-116-G,,TTY,,PHY)
A0085.018.2	(50-SN-0(P,X)51-SB-118-G,,TTY)	(50-SN-0(P,X)51-SB-118-G,,TTY,,PHY)
A0085.018.3	(50-SN-0(P,X)51-SB-120-M,,TTY)	(50-SN-0(P,X)51-SB-120-G,,TTY,,PHY)
A0085.019.1	(56-BA-0(P,N)57-LA-134,,TTY,,EXP)	(56-BA-0(P,N)57-LA-134,,TTY,,PHY)
A0085.019.2	(56-BA-0(P,N)57-LA-136,,TTY,,EXP)	(56-BA-0(P,N)57-LA-136,,TTY,,PHY)
A0085.020	(57-LA-0(P,X)58-CE-139-M,,TTY)	(57-LA-0(P,X)58-CE-139-M,,TTY,,PHY)
A0085.021	(59-PR-141(P,N)60-ND-141-M,,TTY)	(59-PR-141(P,N)60-ND-141-M,,TTY,,PHY)
A0085.022	(60-ND-0(P,N)61-PM-142,,TTY)	(60-ND-0(P,N)61-PM-142,,TTY,,PHY)
A0085.023	(74-W-0(P,N)75-RE-180,,TTY)	(74-W-0(P,N)75-RE-180,,TTY,,PHY)
A0092.009.1	(78-PT-0(A,X)80-HG-197-M,IND,TTY,,DT)	(78-PT-0(A,X)80-HG-197-M,,TTY,,(PHY))
A0092.009.2	(78-PT-0(A,X)80-HG-195-M,IND,TTY,,DT)	(78-PT-0(A,X)80-HG-195-M,,TTY,,(PHY))
A0092.009.3	(78-PT-0(A,X)80-HG-199-M,IND,TTY,,DT)	(78-PT-0(A,X)80-HG-199-M,,TTY,,(PHY))
A0094.002.1	(68-ER-0(P,X)69-TM-165,,TTY,,DT)	(68-ER-0(P,X)69-TM-165,,TTY,,PHY)
A0094.002.2	(68-ER-0(P,X)69-TM-166,,TTY,,DT)	(68-ER-0(P,X)69-TM-166,,TTY,,PHY)
A0094.002.3	(68-ER-0(P,X)69-TM-167,,TTY,,DT)	(68-ER-0(P,X)69-TM-167,,TTY,,PHY)
A0094.002.4	(68-ER-0(P,X)69-TM-168,,TTY,,DT)	(68-ER-0(P,X)69-TM-168,,TTY,,PHY)
A0094.002.5	(68-ER-0(P,X)69-TM-170,,TTY,,DT)	(68-ER-0(P,X)69-TM-170,,TTY,,PHY)
A0094.003.1	(68-ER-0(D,X)69-TM-165,,TTY,,DT)	(68-ER-0(D,X)69-TM-165,,TTY,,PHY)
A0094.003.2	(68-ER-0(D,X)69-TM-166,,TTY,,DT)	(68-ER-0(D,X)69-TM-166,,TTY,,PHY)

A0094.003.3	(68-ER-0(D,X)69-TM-167,,TTY,,DT)	(68-ER-0(D,X)69-TM-167,,TTY,,PHY)
A0094.003.4	(68-ER-0(D,X)69-TM-168,,TTY,,DT)	(68-ER-0(D,X)69-TM-168,,TTY,,PHY)
A0094.003.5	(68-ER-0(D,X)69-TM-170,,TTY,,DT)	(68-ER-0(D,X)69-TM-170,,TTY,,PHY)
A0094.004.1	(67-HO-165(A,4N)69-TM-165,,TTY,,DT)	(67-HO-165(A,4N)69-TM-165,,TTY,,PHY)
A0094.004.2	(67-HO-165(A,3N)69-TM-166,,TTY,,DT)	(67-HO-165(A,3N)69-TM-166,,TTY,,PHY)
A0094.004.3	(67-HO-165(A,2N)69-TM-167,,TTY,,DT)	(67-HO-165(A,2N)69-TM-167,,TTY,,PHY)
A0094.004.4	(67-HO-165(A,N)69-TM-168,,TTY,,DT)	(67-HO-165(A,N)69-TM-168,,TTY,,PHY)
A0115.002	(83-BI-209(A,2N)85-AT-211,,TTY,,DT,EXP)	(83-BI-209(A,2N)85-AT-211,,TTY,,(PHY))
A0122.002.A	(34-SE-0(P,X)35-BR-76,,TTY,,(PHY))	(34-SE-0(P,X)35-BR-76,,TTY,,(PHY))
A0122.002.B	(34-SE-0(P,X)35-BR-77,,TTY,,(PHY))	(34-SE-0(P,X)35-BR-77,,TTY,,(PHY))
A0122.002.C	(34-SE-0(P,X)35-BR-82,,TTY,,(PHY))	(34-SE-0(P,X)35-BR-82,,TTY,,(PHY))
A0122.003.A	(34-SE-0(A,X)35-BR-76,,TTY,,(PHY))	(34-SE-0(A,X)35-BR-76,,TTY,,(PHY))
A0122.003.B	(34-SE-0(A,X)35-BR-77,,TTY,,(PHY))	(34-SE-0(A,X)35-BR-77,,TTY,,(PHY))
A0122.003.C	(34-SE-0(A,X)35-BR-82,,TTY,,(PHY))	(34-SE-0(A,X)35-BR-82,,TTY,,(PHY))
A0122.004.A	(34-SE-0(D,X)35-BR-76,,TTY,,(PHY))	(34-SE-0(D,X)35-BR-76,,TTY,,(PHY))
A0122.004.B	(34-SE-0(D,X)35-BR-77,,TTY,,(PHY))	(34-SE-0(D,X)35-BR-77,,TTY,,(PHY))
A0122.004.C	(34-SE-0(D,X)35-BR-82,,TTY,,(PHY))	(34-SE-0(D,X)35-BR-82,,TTY,,(PHY))
A0122.005.A	(33-AS-75(A,3N)35-BR-76,,TTY,,(PHY))	(33-AS-75(A,3N)35-BR-76,,TTY,,(PHY))
A0122.005.B	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
A0128.002	(52-TE-122(D,N)53-I-123,,TTY,,EXP)	(52-TE-122(D,N)53-I-123,,TTY,,EOB)
A0140.002.1	(26-FE-56(HE3,2N)28-NI-57,,TTY,,EXP)	(26-FE-56(HE3,2N)28-NI-57,,TTY,,EOB)
A0140.002.2	(26-FE-56(HE3,3N)28-NI-56,,TTY,,EXP)	(26-FE-56(HE3,3N)28-NI-56,,TTY,,EOB)
A0140.003.1	(26-FE-0(HE3,X)27-CO-55,,TTY,,EXP)	(26-FE-0(HE3,X)27-CO-55,,TTY,,EOB)
A0140.003.2	(26-FE-0(HE3,X)27-CO-56,,TTY,,EXP)	(26-FE-0(HE3,X)27-CO-56,,TTY,,EOB)
A0140.003.3	(26-FE-0(HE3,X)27-CO-57,,TTY,,EXP)	(26-FE-0(HE3,X)27-CO-57,,TTY,,EOB)
A0140.003.4	(26-FE-0(HE3,X)27-CO-58,,TTY,,EXP)	(26-FE-0(HE3,X)27-CO-58,,TTY,,EOB)
A0144.002	(6-C-12(P,G)7-N-13,,TTY,,EXP)	(6-C-12(P,G)7-N-13,,TTY,,PHY)
A0168.002	(3-LI-7(P,N)4-BE-7,,TTY,,DT)	(3-LI-7(P,N)4-BE-7,,TTY,,PHY)

A0168.003	(4-BE-9(P,T)4-BE-7,,TTY,,DT)	(4-BE-9(P,T)4-BE-7,,TTY,,PHY)
A0168.004	(5-B-0(P,X)4-BE-7,,TTY,,DT)	(5-B-0(P,X)4-BE-7,,TTY,,PHY)
A0168.005	(5-B-11(P,N)6-C-11,,TTY,,DT)	(5-B-11(P,N)6-C-11,,TTY,,PHY)
A0168.006	(6-C-0(P,X)6-C-11,,TTY,,DT)	(6-C-0(P,X)6-C-11,,TTY,,PHY)
A0168.007	(7-N-0(P,X)6-C-11,,TTY,,DT)	(7-N-0(P,X)6-C-11,,TTY,,PHY)
A0168.008	(6-C-13(P,N)7-N-13,,TTY,,DT)	(6-C-13(P,N)7-N-13,,TTY,,PHY)
A0168.009	(7-N-0(P,X)7-N-13,,TTY,,DT)	(7-N-0(P,X)7-N-13,,TTY,,PHY)
A0168.010	(8-O-0(P,X)7-N-13,,TTY,,DT)	(8-O-0(P,X)7-N-13,,TTY,,PHY)
A0168.011	(8-O-18(P,N)9-F-18,,TTY,,DT)	(8-O-18(P,N)9-F-18,,TTY,,PHY)
A0168.012	(9-F-19(P,X)9-F-18,CUM,TTY,,DT)	(9-F-19(P,X)9-F-18,CUM,TTY,,PHY)
A0168.013	(11-NA-23(P,X)11-NA-22,CUM,TTY,,DT)	(11-NA-23(P,X)11-NA-22,CUM,TTY,,PHY)
A0168.014	(12-MG-0(P,X)11-NA-22,,TTY,,DT)	(12-MG-0(P,X)11-NA-22,,TTY,,PHY)
A0168.015	(12-MG-0(P,X)11-NA-24,,TTY,,DT)	(12-MG-0(P,X)11-NA-24,,TTY,,PHY)
A0168.016	(12-MG-26(P,N)13-AL-26-G,,TTY,,DT)	(12-MG-26(P,N)13-AL-26-G,,TTY,,PHY)
A0168.017	(13-AL-27(P,N+P)13-AL-26-G,,TTY,,DT)	(13-AL-27(P,X)13-AL-26-G,,TTY,,PHY)
A0168.018	(20-CA-0(P,X)19-K-42,,TTY,,DT)	(20-CA-0(P,X)19-K-42,,TTY,,PHY)
A0168.019	(20-CA-0(P,X)19-K-43,,TTY,,DT)	(20-CA-0(P,X)19-K-43,,TTY,,PHY)
A0168.020	(20-CA-0(P,X)20-CA-47,CUM,TTY,,DT)	(20-CA-0(P,X)20-CA-47,CUM,TTY,,PHY)
A0168.021	(20-CA-44(P,N)21-SC-44-M,,TTY,,DT)	(20-CA-44(P,N)21-SC-44-M,,TTY,,PHY)
A0168.022	(21-SC-45(P,N+P)21-SC-44-M,,TTY,,DT)	(21-SC-45(P,X)21-SC-44-M,,TTY,,PHY)
A0168.023	(20-CA-44(P,N)21-SC-44-G,,TTY,,DT)	(20-CA-44(P,N)21-SC-44-G,,TTY,,PHY)
A0168.024	(22-TI-0(P,X)21-SC-46-G,,TTY,,DT)	(22-TI-0(P,X)21-SC-46-G,,TTY,,PHY)
A0168.025	(20-CA-48(P,2N)21-SC-47,,TTY,,DT)	(20-CA-48(P,2N)21-SC-47,,TTY,,PHY)
A0168.026	(22-TI-0(P,X)21-SC-47,,TTY,,DT)	(22-TI-0(P,X)21-SC-47,,TTY,,PHY)
A0168.027	(23-V-0(P,X)21-SC-47,,TTY,,DT)	(23-V-0(P,X)21-SC-47,,TTY,,PHY)
A0168.028	(21-SC-45(P,2N)22-TI-44,,TTY,,DT)	(21-SC-45(P,2N)22-TI-44,,TTY,,PHY)
A0168.029	(22-TI-0(P,X)23-V-48,,TTY,,DT)	(22-TI-0(P,X)23-V-48,,TTY,,PHY)
A0168.030	(22-TI-0(P,X)23-V-49,,TTY,,DT)	(22-TI-0(P,X)23-V-49,,TTY,,PHY)
A0168.031	(23-V-0(P,X)23-V-49,,TTY,,DT)	(23-V-0(P,X)23-V-49,,TTY,,PHY)
A0168.032	(23-V-51(P,N)24-CR-51,,TTY,,DT)	(23-V-51(P,N)24-CR-51,,TTY,,PHY)
A0168.033	(24-CR-0(P,X)24-CR-51,,TTY,,DT)	(24-CR-0(P,X)24-CR-51,,TTY,,PHY)
A0168.034	(25-MN-55(P,N+A)24-CR-51,,TTY,,DT)	(25-MN-55(P,N+A)24-CR-51,,TTY,,PHY)
A0168.035	(24-CR-0(P,X)25-MN-52,,TTY,,DT)	(24-CR-0(P,X)25-MN-52,,TTY,,PHY)
A0168.036	(24-CR-54(P,N)25-MN-54,,TTY,,DT)	(24-CR-54(P,N)25-MN-54,,TTY,,PHY)

A0168.037	(25-MN-55(P,N+P)25-MN-54,,TTY,,DT)	(25-MN-55(P,X)25-MN-54,,TTY,,PHY)
A0168.038	(25-MN-55(P,N)26-FE-55,,TTY,,DT)	(25-MN-55(P,N)26-FE-55,,TTY,,PHY)
A0168.039	(26-FE-0(P,X)26-FE-55,,TTY,,DT)	(26-FE-0(P,X)26-FE-55,,TTY,,PHY)
A0168.040	(26-FE-56(P,2N)27-CO-55,,TTY,,DT)	(26-FE-56(P,2N)27-CO-55,,TTY,,PHY)
A0168.041	(28-NI-58(P,A)27-CO-55,,TTY,,DT)	(28-NI-58(P,A)27-CO-55,,TTY,,PHY)
A0168.042	(26-FE-0(P,X)27-CO-56,,TTY,,DT)	(26-FE-0(P,X)27-CO-56,,TTY,,PHY)
A0168.043	(28-NI-0(P,X)27-CO-56,,TTY,,DT)	(28-NI-0(P,X)27-CO-56,,TTY,,PHY)
A0168.044	(26-FE-0(P,X)27-CO-57,,TTY,,DT)	(26-FE-0(P,X)27-CO-57,,TTY,,PHY)
A0168.045	(27-CO-59(P,T)27-CO-57,,TTY,,DT)	(27-CO-59(P,T)27-CO-57,,TTY,,PHY)
A0168.046	(28-NI-0(P,X)27-CO-57,,TTY,,DT)	(28-NI-0(P,X)27-CO-57,,TTY,,PHY)
A0168.047	(27-CO-59(P,N+P)27-CO-58-G,,TTY,,DT)	(27-CO-59(P,X)27-CO-58-G,,TTY,,PHY)
A0168.048	(28-NI-0(P,X)27-CO-58-G,,TTY,,DT)	(28-NI-0(P,X)27-CO-58-G,,TTY,,PHY)
A0168.049	(28-NI-0(P,X)27-CO-60-G,,TTY,,DT)	(28-NI-0(P,X)27-CO-60-G,,TTY,,PHY)
A0168.050	(28-NI-58(P,T)28-NI-56,,TTY,,DT)	(28-NI-58(P,T)28-NI-56,,TTY,,PHY)
A0168.051	(28-NI-0(P,X)28-NI-57,CUM,TTY,,DT)	(28-NI-0(P,X)28-NI-57,CUM,TTY,,PHY)
A0168.052	(29-CU-65(P,N+P)29-CU-64,,TTY,,DT)	(29-CU-65(P,X)29-CU-64,,TTY,,PHY)
A0168.053	(30-ZN-0(P,X)29-CU-67,,TTY,,DT)	(30-ZN-0(P,X)29-CU-67,,TTY,,PHY)
A0168.054	(29-CU-63(P,2N)30-ZN-62,,TTY,,DT)	(29-CU-63(P,2N)30-ZN-62,,TTY,,PHY)
A0168.055	(29-CU-65(P,N)30-ZN-65,,TTY,,DT)	(29-CU-65(P,N)30-ZN-65,,TTY,,PHY)
A0168.056	(30-ZN-0(P,X)30-ZN-65,,TTY,,DT)	(30-ZN-0(P,X)30-ZN-65,,TTY,,PHY)
A0168.057	(31-GA-69(P,N+A)30-ZN-65,,TTY,,DT)	(31-GA-69(P,N+A)30-ZN-65,,TTY,,PHY)
A0168.058	(30-ZN-0(P,X)31-GA-66,,TTY,,DT)	(30-ZN-0(P,X)31-GA-66,,TTY,,PHY)
A0168.059	(30-ZN-0(P,X)31-GA-67,,TTY,,DT)	(30-ZN-0(P,X)31-GA-67,,TTY,,PHY)
A0168.060	(32-GE-0(P,X)31-GA-67,,TTY,,DT)	(32-GE-0(P,X)31-GA-67,,TTY,,PHY)
A0168.061	(31-GA-69(P,2N)32-GE-68,,TTY,,DT)	(31-GA-69(P,2N)32-GE-68,,TTY,,PHY)
A0168.062	(31-GA-0(P,X)32-GE-69,,TTY,,DT)	(31-GA-0(P,X)32-GE-69,,TTY,,PHY)
A0168.063	(32-GE-0(P,X)32-GE-69,CUM,TTY,,DT)	(32-GE-0(P,X)32-GE-69,CUM,TTY,,PHY)
A0168.064	(32-GE-0(P,X)33-AS-71,,TTY,,DT)	(32-GE-0(P,X)33-AS-71,,TTY,,PHY)
A0168.065	(32-GE-0(P,X)33-AS-72,,TTY,,DT)	(32-GE-0(P,X)33-AS-72,,TTY,,PHY)
A0168.066	(32-GE-0(P,X)33-AS-73,,TTY,,DT)	(32-GE-0(P,X)33-AS-73,,TTY,,PHY)
A0168.067	(32-GE-0(P,X)33-AS-74,,TTY,,DT)	(32-GE-0(P,X)33-AS-74,,TTY,,PHY)
A0168.068	(33-AS-75(P,N+P)33-AS-74,,TTY,,DT)	(33-AS-75(P,X)33-AS-74,,TTY,,PHY)
A0168.069	(34-SE-0(P,X)33-AS-74,,TTY,,DT)	(34-SE-0(P,X)33-AS-74,,TTY,,PHY)
A0168.070	(32-GE-76(P,N)33-AS-76,,TTY,,DT)	(32-GE-76(P,N)33-AS-76,,TTY,,PHY)

A0168.071	(33-AS-75(P,N)34-SE-75,,TTY,,DT)	(33-AS-75(P,N)34-SE-75,,TTY,,PHY)
A0168.072	(34-SE-0(P,X)34-SE-75,,TTY,,DT)	(34-SE-0(P,X)34-SE-75,,TTY,,PHY)
A0168.073	(34-SE-0(P,X)35-BR-76,,TTY,,DT)	(34-SE-0(P,X)35-BR-76,,TTY,,PHY)
A0168.074	(34-SE-0(P,X)35-BR-77-G,,TTY,,DT)	(34-SE-0(P,X)35-BR-77-G,,TTY,,PHY)
A0168.075	(35-BR-79(P,T)35-BR-77-G,,TTY,,DT)	(35-BR-79(P,T)35-BR-77-G,,TTY,,PHY)
A0168.076	(34-SE-82(P,N)35-BR-82-G,,TTY,,DT)	(34-SE-82(P,N)35-BR-82-G,,TTY,,PHY)
A0168.077	(35-BR-0(P,X)36-KR-79-G,,TTY,,DT)	(35-BR-0(P,X)36-KR-79-G,,TTY,,PHY)
A0168.078	(37-RB-85(P,N+P)37-RB-84-G,,TTY,,DT)	(37-RB-85(P,X)37-RB-84-G,,TTY,,PHY)
A0168.079	(38-SR-0(P,X)37-RB-84-G,,TTY,,DT)	(38-SR-0(P,X)37-RB-84-G,,TTY,,PHY)
A0168.080	(37-RB-0(P,X)38-SR-85-G,,TTY,,DT)	(37-RB-0(P,X)38-SR-85-G,,TTY,,PHY)
A0168.081	(38-SR-0(P,X)38-SR-85-G,,TTY,,DT)	(38-SR-0(P,X)38-SR-85-G,,TTY,,PHY)
A0168.082	(38-SR-0(P,X)39-Y-86-G,,TTY,,DT)	(38-SR-0(P,X)39-Y-86-G,,TTY,,PHY)
A0168.083	(38-SR-0(P,X)39-Y-87-G,,TTY,,DT)	(38-SR-0(P,X)39-Y-87-G,,TTY,,PHY)
A0168.084	(38-SR-88(P,N)39-Y-88,,TTY,,DT)	(38-SR-88(P,N)39-Y-88,,TTY,,PHY)
A0168.085	(39-Y-89(P,N+P)39-Y-88,,TTY,,DT)	(39-Y-89(P,X)39-Y-88,,TTY,,PHY)
A0168.086	(40-ZR-0(P,X)39-Y-88,,TTY,,DT)	(40-ZR-0(P,X)39-Y-88,,TTY,,PHY)
A0168.087	(39-Y-89(P,2N)40-ZR-88,,TTY,,DT)	(39-Y-89(P,2N)40-ZR-88,,TTY,,PHY)
A0168.088	(39-Y-89(P,N)40-ZR-89-G,,TTY,,DT)	(39-Y-89(P,N)40-ZR-89-G,,TTY,,PHY)
A0168.089	(41-NB-93(P,N+A)40-ZR-89-G,,TTY,,DT)	(41-NB-93(P,N+A)40-ZR-89-G,,TTY,,PHY)
A0168.090	(40-ZR-0(P,X)40-ZR-95,CUM,TTY,,DT)	(40-ZR-0(P,X)40-ZR-95,CUM,TTY,,PHY)
A0168.091	(40-ZR-0(P,X)41-NB-92-M,,TTY,,DT)	(40-ZR-0(P,X)41-NB-92-M,,TTY,,PHY)
A0168.092	(41-NB-93(P,N+P)41-NB-92-M,,TTY,,DT)	(41-NB-93(P,X)41-NB-92-M,,TTY,,PHY)
A0168.093	(40-ZR-96(P,2N)41-NB-95-G,,TTY,,DT)	(40-ZR-96(P,2N)41-NB-95-G,,TTY,,PHY)
A0168.094	(41-NB-93(P,N)42-MO-93-M,,TTY,,DT)	(41-NB-93(P,N)42-MO-93-M,,TTY,,PHY)
A0168.095	(41-NB-93(P,N)42-MO-93-G,,TTY,,DT)	(41-NB-93(P,N)42-MO-93-G,,TTY,,PHY)
A0168.096	(42-MO-0(P,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-95-M,,TTY,,PHY)
A0168.097	(42-MO-0(P,X)43-TC-96-G,,TTY,,DT)	(42-MO-0(P,X)43-TC-96-G,,TTY,,PHY)
A0168.098	(42-MO-0(P,X)43-TC-97-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-97-M,,TTY,,PHY)
A0168.099	(44-RU-0(P,X)45-RH-101-M,,TTY,,DT)	(44-RU-0(P,X)45-RH-101-M,,TTY,,PHY)
A0168.100	(45-RH-103(P,X)45-RH-101-M,CUM,TTY,,DT)	(45-RH-103(P,X)45-RH-101-M,CUM,TTY,,PHY)
A0168.101	(45-RH-103(P,N+P)45-RH-102-M,,TTY,,DT)	(45-RH-103(P,X)45-RH-102-M,,TTY,,PHY)
A0168.102	(45-RH-103(P,N+P)45-RH-102-G,,TTY,,DT)	(45-RH-103(P,X)45-RH-102-G,,TTY,,PHY)
A0168.103	(45-RH-103(P,N)46-PD-103,,TTY,,DT)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)
A0168.104	(48-CD-0(P,X)47-AG-105-G,,TTY,,DT)	(48-CD-0(P,X)47-AG-105-G,,TTY,,PHY)

A0168.105	(47-AG-107(P,N+P)47-AG-106-M,,TTY,,DT)	(47-AG-107(P,X)47-AG-106-M,,TTY,,PHY)
A0168.106	(47-AG-109(P,N+P)47-AG-108-M,,TTY,,DT)	(47-AG-109(P,X)47-AG-108-M,,TTY,,PHY)
A0168.107	(48-CD-0(P,X)47-AG-110-M,,TTY,,DT)	(48-CD-0(P,X)47-AG-110-M,,TTY,,PHY)
A0168.108	(47-AG-0(P,X)48-CD-107,,TTY,,DT)	(47-AG-0(P,X)48-CD-107,,TTY,,PHY)
A0168.109	(47-AG-109(P,N)48-CD-109,,TTY,,DT)	(47-AG-109(P,N)48-CD-109,,TTY,,PHY)
A0168.110	(48-CD-0(P,X)48-CD-109,,TTY,,DT)	(48-CD-0(P,X)48-CD-109,,TTY,,PHY)
A0168.111	(48-CD-116(P,N+P)48-CD-115-G,,TTY,,DT)	(48-CD-116(P,X)48-CD-115-G,,TTY,,PHY)
A0168.112	(48-CD-0(P,X)49-IN-111-G,,TTY,,DT)	(48-CD-0(P,X)49-IN-111-G,,TTY,,PHY)
A0168.113	(48-CD-0(P,X)49-IN-114-M,,TTY,,DT)	(48-CD-0(P,X)49-IN-114-M,,TTY,,PHY)
A0168.114	(49-IN-115(P,N+P)49-IN-114-M,,TTY,,DT)	(49-IN-115(P,X)49-IN-114-M,,TTY,,PHY)
A0168.115	(49-IN-0(P,X)50-SN-113-G,,TTY,,DT)	(49-IN-0(P,X)50-SN-113-G,,TTY,,PHY)
A0168.116	(50-SN-0(P,X)50-SN-113-G,,TTY,,DT)	(50-SN-0(P,X)50-SN-113-G,,TTY,,PHY)
A0168.117	(50-SN-0(P,X)51-SB-120-M,,TTY,,DT)	(50-SN-0(P,X)51-SB-120-M,,TTY,,PHY)
A0168.118	(50-SN-0(P,X)51-SB-122-G,,TTY,,DT)	(50-SN-0(P,X)51-SB-122-G,,TTY,,PHY)
A0168.119	(50-SN-124(P,N)51-SB-124-G,,TTY,,DT)	(50-SN-124(P,N)51-SB-124-G,,TTY,,PHY)
A0168.120	(51-SB-0(P,X)52-TE-121-M,,TTY,,DT)	(51-SB-0(P,X)52-TE-121-M,,TTY,,PHY)
A0168.121	(51-SB-0(P,X)52-TE-121-G,,TTY,,DT)	(51-SB-0(P,X)52-TE-121-G,,TTY,,PHY)
A0168.122	(51-SB-123(P,N)52-TE-123-M,,TTY,,DT)	(51-SB-123(P,N)52-TE-123-M,,TTY,,PHY)
A0168.123	(52-TE-0(P,X)53-I-123,,TTY,,DT)	(52-TE-0(P,X)53-I-123,,TTY,,PHY)
A0168.124	(52-TE-0(P,X)53-I-124,,TTY,,DT)	(52-TE-0(P,X)53-I-124,,TTY,,PHY)
A0168.125	(52-TE-0(P,X)53-I-125,,TTY,,DT)	(52-TE-0(P,X)53-I-125,,TTY,,PHY)
A0168.126	(52-TE-0(P,X)53-I-126,,TTY,,DT)	(52-TE-0(P,X)53-I-126,,TTY,,PHY)
A0168.127	(53-I-127(P,N+P)53-I-126,,TTY,,DT)	(53-I-127(P,X)53-I-126,,TTY,,PHY)
A0168.128	(52-TE-130(P,N)53-I-130-G,,TTY,,DT)	(52-TE-130(P,N)53-I-130-G,,TTY,,PHY)
A0168.129	(53-I-127(P,N)54-XE-127-G,,TTY,,DT)	(53-I-127(P,N)54-XE-127-G,,TTY,,PHY)
A0168.130	(55-CS-133(P,N+P)55-CS-132,,TTY,,DT)	(55-CS-133(P,X)55-CS-132,,TTY,,PHY)
A0168.131	(55-CS-133(P,N)56-BA-133-M,,TTY,,DT)	(55-CS-133(P,N)56-BA-133-M,,TTY,,PHY)
A0168.132	(55-CS-133(P,N)56-BA-133-G,,TTY,,DT)	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY)
A0168.133	(56-BA-0(P,X)56-BA-135-M,,TTY,,DT)	(56-BA-0(P,X)56-BA-135-M,,TTY,,PHY)
A0168.134	(57-LA-139(P,N+A)56-BA-135-M,,TTY,,DT)	(57-LA-139(P,N+A)56-BA-135-M,,TTY,,PHY)
A0168.135	(56-BA-0(P,X)57-LA-135,,TTY,,DT)	(56-BA-0(P,X)57-LA-135,,TTY,,PHY)
A0168.136	(57-LA-139(P,N)58-CE-139-G,,TTY,,DT)	(57-LA-139(P,N)58-CE-139-G,,TTY,,PHY)
A0168.137	(58-CE-0(P,X)58-CE-139-G,CUM,TTY,,DT)	(58-CE-0(P,X)58-CE-139-G,CUM,TTY,,PHY)
A0168.138	(58-CE-140(P,2N)59-PR-139,,TTY,,DT)	(58-CE-140(P,2N)59-PR-139,,TTY,,PHY)

A0168.139	(59-PR-141(P,2N)60-ND-140,,TTY,,DT)	(59-PR-141(P,2N)60-ND-140,,TTY,,PHY)
A0168.140	(60-ND-0(P,X)61-PM-143,,TTY,,DT)	(60-ND-0(P,X)61-PM-143,,TTY,,PHY)
A0168.141	(60-ND-0(P,X)61-PM-144,,TTY,,DT)	(60-ND-0(P,X)61-PM-144,,TTY,,PHY)
A0168.142	(60-ND-0(P,X)61-PM-148-G,,TTY,,DT)	(60-ND-0(P,X)61-PM-148-G,,TTY,,PHY)
A0168.143	(62-SM-0(P,X)63-EU-147,,TTY,,DT)	(62-SM-0(P,X)63-EU-147,,TTY,,PHY)
A0168.144	(62-SM-0(P,X)63-EU-148,,TTY,,DT)	(62-SM-0(P,X)63-EU-148,,TTY,,PHY)
A0168.145	(62-SM-0(P,X)63-EU-150-M,,TTY,,DT)	(62-SM-0(P,X)63-EU-150-M,,TTY,,PHY)
A0168.146	(63-EU-151(P,N+P)63-EU-150-M,,TTY,,DT)	(63-EU-151(P,X)63-EU-150-M,,TTY,,PHY)
A0168.147	(62-SM-0(P,X)63-EU-152-G,,TTY,,DT)	(62-SM-0(P,X)63-EU-152-G,,TTY,,PHY)
A0168.148	(63-EU-153(P,N+P)63-EU-152-G,,TTY,,DT)	(63-EU-153(P,X)63-EU-152-G,,TTY,,PHY)
A0168.149	(62-SM-154(P,N)63-EU-154,,TTY,,DT)	(62-SM-154(P,N)63-EU-154,,TTY,,PHY)
A0168.150	(63-EU-0(P,X)64-GD-151,,TTY,,DT)	(63-EU-0(P,X)64-GD-151,,TTY,,PHY)
A0168.151	(63-EU-153(P,N)64-GD-153,,TTY,,DT)	(63-EU-153(P,N)64-GD-153,,TTY,,PHY)
A0168.152	(64-GD-0(P,X)65-TB-155,,TTY,,DT)	(64-GD-0(P,X)65-TB-155,,TTY,,PHY)
A0168.153	(64-GD-0(P,X)65-TB-156-G,,TTY,,DT)	(64-GD-0(P,X)65-TB-156-G,,TTY,,PHY)
A0168.154	(64-GD-0(P,X)65-TB-158-G,,TTY,,DT)	(64-GD-0(P,X)65-TB-158-G,,TTY,,PHY)
A0168.155	(68-ER-0(P,X)69-TM-165,,TTY,,DT)	(68-ER-0(P,X)69-TM-165,,TTY,,PHY)
A0168.156	(68-ER-0(P,X)69-TM-166,,TTY,,DT)	(68-ER-0(P,X)69-TM-166,,TTY,,PHY)
A0168.157	(68-ER-0(P,X)69-TM-167,,TTY,,DT)	(68-ER-0(P,X)69-TM-167,,TTY,,PHY)
A0168.158	(68-ER-0(P,X)69-TM-168,,TTY,,DT)	(68-ER-0(P,X)69-TM-168,,TTY,,PHY)
A0168.159	(68-ER-170(P,N)69-TM-170,,TTY,,DT)	(68-ER-170(P,N)69-TM-170,,TTY,,PHY)
A0168.160	(70-YB-0(P,X)71-LU-173,,TTY,,DT)	(70-YB-0(P,X)71-LU-173,,TTY,,PHY)
A0168.161	(70-YB-0(P,X)71-LU-174-G,,TTY,,DT)	(70-YB-0(P,X)71-LU-174-G,,TTY,,PHY)
A0168.162	(72-HF-0(P,X)72-HF-175,,TTY,,DT)	(72-HF-0(P,X)72-HF-175,,TTY,,PHY)
A0168.163	(72-HF-0(P,X)73-TA-176,,TTY,,DT)	(72-HF-0(P,X)73-TA-176,,TTY,,PHY)
A0168.164	(72-HF-0(P,X)73-TA-177,,TTY,,DT)	(72-HF-0(P,X)73-TA-177,,TTY,,PHY)
A0168.165	(73-TA-181(P,N)74-W-181,,TTY,,DT)	(73-TA-181(P,N)74-W-181,,TTY,,PHY)
A0168.166	(74-W-0(P,X)75-RE-181,,TTY,,DT)	(74-W-0(P,X)75-RE-181,,TTY,,PHY)
A0168.167	(74-W-0(P,X)75-RE-182-M,,TTY,,DT)	(74-W-0(P,X)75-RE-182-M,,TTY,,PHY)
A0168.168	(74-W-0(P,X)75-RE-182-G,,TTY,,DT)	(74-W-0(P,X)75-RE-182-G,,TTY,,PHY)
A0168.169	(74-W-0(P,X)75-RE-183,,TTY,,DT)	(74-W-0(P,X)75-RE-183,,TTY,,PHY)
A0168.170	(74-W-0(P,X)75-RE-184-M,,TTY,,DT)	(74-W-0(P,X)75-RE-184-M,,TTY,,PHY)
A0168.171	(74-W-0(P,X)75-RE-184-G,,TTY,,DT)	(74-W-0(P,X)75-RE-184-G,,TTY,,PHY)
A0168.172	(75-RE-0(P,X)76-OS-185,,TTY,,DT)	(75-RE-0(P,X)76-OS-185,,TTY,,PHY)

A0168.173	(78-PT-0(P,X)79-AU-194,,TTY,,DT)	(78-PT-0(P,X)79-AU-194,,TTY,,PHY)
A0168.174	(78-PT-0(P,X)79-AU-195-G,,TTY,,DT)	(78-PT-0(P,X)79-AU-195-G,,TTY,,PHY)
A0168.175	(78-PT-0(P,X)79-AU-196-G,,TTY,,DT)	(78-PT-0(P,X)79-AU-196-G,,TTY,,PHY)
A0168.176	(79-AU-197(P,N+P)79-AU-196-G,,TTY,,DT)	(79-AU-197(P,X)79-AU-196-G,,TTY,,PHY)
A0168.177	(79-AU-197(P,N)80-HG-197-G,,TTY,,DT)	(79-AU-197(P,N)80-HG-197-G,,TTY,,PHY)
A0168.178	(80-HG-0(P,X)80-HG-203,CUM,TTY,,DT)	(80-HG-0(P,X)80-HG-203,CUM,TTY,,PHY)
A0168.179	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,PHY)
A0168.180	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,PHY)
A0168.181	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,PHY)
A0168.182	(81-TL-203(P,N+P)81-TL-202,,TTY,,DT)	(81-TL-203(P,X)81-TL-202,,TTY,,PHY)
A0168.183	(81-TL-203(P,3N)82-PB-201-G,,TTY,,DT)	(81-TL-203(P,3N)82-PB-201-G,,TTY,,PHY)
A0168.184	(81-TL-203(P,2N)82-PB-202-M,,TTY,,DT)	(81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY)
A0168.185	(81-TL-0(P,X)82-PB-203-G,,TTY,,DT)	(81-TL-0(P,X)82-PB-203-G,,TTY,,PHY)
A0168.186	(82-PB-0(P,X)83-BI-205,,TTY,,DT)	(82-PB-0(P,X)83-BI-205,,TTY,,PHY)
A0168.187	(82-PB-0(P,X)83-BI-206,,TTY,,DT)	(82-PB-0(P,X)83-BI-206,,TTY,,PHY)
A0168.188	(82-PB-0(P,X)83-BI-207,,TTY,,DT)	(82-PB-0(P,X)83-BI-207,,TTY,,PHY)
A0168.189	(83-BI-209(P,X)83-BI-207,CUM,TTY,,DT)	(83-BI-209(P,X)83-BI-207,CUM,TTY,,PHY)
A0183.002	(8-O-16(A,X)9-F-18,CUM,TTY,,DT/RAW)	(8-O-16(A,X)9-F-18,CUM,TTY,,EOB)
A0184.005.Y	(35-BR-0(P,X)35-BR-77-G,CUM,TTY,,EXP)	(35-BR-0(P,X)35-BR-77,CUM,TTY,,SAT)
A0184.006.Y	(35-BR-0(P,X)35-BR-76-G,CUM,TTY,,EXP)	(35-BR-0(P,X)35-BR-76,CUM,TTY,,SAT)
A0184.007.Y	(33-AS-75(A,2N)35-BR-77-G,M+,TTY,,EXP)	(33-AS-75(A,2N)35-BR-77,,TTY,,SAT)
A0184.008.Y	(33-AS-75(A,3N)35-BR-76-G,M+,TTY,,EXP)	(33-AS-75(A,3N)35-BR-76,,TTY,,SAT)
A0194.002	(3-LI-0(D,X)4-BE-7,,TTY,,DT)	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)
A0194.003	(4-BE-9(D,N+T)4-BE-7,,TTY,,DT)	(4-BE-9(D,N+T)4-BE-7,,TTY,,PHY)
A0194.004	(5-B-0(D,X)4-BE-7,,TTY,,DT)	(5-B-0(D,X)4-BE-7,,TTY,,PHY)
A0194.005	(5-B-0(D,X)6-C-11,,TTY,,DT)	(5-B-0(D,X)6-C-11,,TTY,,PHY)
A0194.006	(6-C-0(D,X)6-C-11,,TTY,,DT)	(6-C-0(D,X)6-C-11,,TTY,,PHY)
A0194.007	(7-N-0(D,X)6-C-11,,TTY,,DT)	(7-N-0(D,X)6-C-11,,TTY,,PHY)
A0194.008	(6-C-0(D,X)7-N-13,,TTY,,DT)	(6-C-0(D,X)7-N-13,,TTY,,PHY)
A0194.009	(7-N-0(D,X)7-N-13,,TTY,,DT)	(7-N-0(D,X)7-N-13,,TTY,,PHY)
A0194.010	(8-O-0(D,X)7-N-13,,TTY,,DT)	(8-O-0(D,X)7-N-13,,TTY,,PHY)

A0194.011	(8-O-0(D,X)9-F-18,,TTY,,DT)	(8-O-0(D,X)9-F-18,,TTY,,PHY)
A0194.012	((9-F-19(D,X)9-F-18,CUM,TTY,,DT)= (9-F-19(D,T)9-F-18,IND,TTY,,DT)+ (9-F-19(D,3N)10-NE-18,IND,TTY,,DT))	(9-F-19(D,X)9-F-18,CUM,TTY,,PHY)
A0194.013	((11-NA-23(D,X)11-NA-22,CUM,TTY,,DT)= (11-NA-23(D,T)11-NA-22,IND,TTY,,DT)+ (11-NA-23(D,3N)12-MG-22,IND,TTY,,DT))	(11-NA-23(D,X)11-NA-22,CUM,TTY,,PHY)
A0194.014	(12-MG-0(D,X)11-NA-22,,TTY,,DT)	(12-MG-0(D,X)11-NA-22,,TTY,,PHY)
A0194.015	(11-NA-23(D,P)11-NA-24,,TTY,,DT)	(11-NA-23(D,P)11-NA-24,,TTY,,PHY)
A0194.016	(12-MG-0(D,X)11-NA-24,,TTY,,DT)	(12-MG-0(D,X)11-NA-24,,TTY,,PHY)
A0194.017	(13-AL-27(D,P+A)11-NA-24,,TTY,,DT)	(13-AL-27(D,P+A)11-NA-24,,TTY,,PHY)
A0194.018	(12-MG-0(D,X)13-AL-26,,TTY,,DT)	(12-MG-0(D,X)13-AL-26,,TTY,,PHY)
A0194.019	(20-CA-0(D,X)19-K-42,,TTY,,DT)	(20-CA-0(D,X)19-K-42,,TTY,,PHY)
A0194.020	(21-SC-45(D,P+A)19-K-42,,TTY,,DT)	(21-SC-45(D,P+A)19-K-42,,TTY,,PHY)
A0194.021	(20-CA-0(D,X)19-K-43,,TTY,,DT)	(20-CA-0(D,X)19-K-43,,TTY,,PHY)
A0194.022	(20-CA-0(D,X)20-CA-47,,TTY,,DT)	(20-CA-0(D,X)20-CA-47,,TTY,,PHY)
A0194.023	(20-CA-0(D,X)21-SC-44-M,,TTY,,DT)	(20-CA-0(D,X)21-SC-44-M,,TTY,,PHY)
A0194.024	(21-SC-45(D,T)21-SC-44-M,,TTY,,DT)	(21-SC-45(D,T)21-SC-44-M,,TTY,,PHY)
A0194.025	(22-TI-0(D,X)21-SC-44-M,,TTY,,DT)	(22-TI-0(D,X)21-SC-44-M,,TTY,,PHY)
A0194.026	(21-SC-45(D,P)21-SC-46,,TTY,,DT)	(21-SC-45(D,P)21-SC-46,,TTY,,PHY)
A0194.027	(22-TI-0(D,X)21-SC-46,,TTY,,DT)	(22-TI-0(D,X)21-SC-46,,TTY,,PHY)
A0194.028	(20-CA-48(D,3N)21-SC-47,,TTY,,DT)	(20-CA-48(D,3N)21-SC-47,,TTY,,PHY)
A0194.029	(22-TI-0(D,X)21-SC-47,,TTY,,DT)	(22-TI-0(D,X)21-SC-47,,TTY,,PHY)
A0194.030	(20-CA-48(D,2N)21-SC-48,,TTY,,DT)	(20-CA-48(D,2N)21-SC-48,,TTY,,PHY)
A0194.031	(23-V-51(D,P+A)21-SC-48,,TTY,,DT)	(23-V-51(D,P+A)21-SC-48,,TTY,,PHY)
A0194.032	(21-SC-45(D,3N)22-TI-44,,TTY,,DT)	(21-SC-45(D,3N)22-TI-44,,TTY,,PHY)
A0194.033	(21-SC-45(D,2N)22-TI-45,,TTY,,DT)	(21-SC-45(D,2N)22-TI-45,,TTY,,PHY)
A0194.034	(22-TI-0(D,X)23-V-48,,TTY,,DT)	(22-TI-0(D,X)23-V-48,,TTY,,PHY)
A0194.035	(24-CR-0(D,X)23-V-48,,TTY,,DT)	(24-CR-0(D,X)23-V-48,,TTY,,PHY)
A0194.036	(22-TI-0(D,X)23-V-49,,TTY,,DT)	(22-TI-0(D,X)23-V-49,,TTY,,PHY)
A0194.037	(24-CR-0(D,X)23-V-49,,TTY,,DT)	(24-CR-0(D,X)23-V-49,,TTY,,PHY)
A0194.038	(23-V-0(D,X)24-CR-51,,TTY,,DT)	(23-V-0(D,X)24-CR-51,,TTY,,PHY)
A0194.039	(24-CR-0(D,X)24-CR-51,,TTY,,DT)	(24-CR-0(D,X)24-CR-51,,TTY,,PHY)
A0194.040	(25-MN-55(D,2N+A)24-CR-51,,TTY,,DT)	(25-MN-55(D,2N+A)24-CR-51,,TTY,,PHY)

A0194.041	(24-CR-0(D,X)25-MN-52,,TTY,,DT)	(24-CR-0(D,X)25-MN-52,,TTY,,PHY)
A0194.042	(26-FE-0(D,X)25-MN-52,,TTY,,DT)	(26-FE-0(D,X)25-MN-52,,TTY,,PHY)
A0194.043	(24-CR-0(D,X)25-MN-54,,TTY,,DT)	(24-CR-0(D,X)25-MN-54,,TTY,,PHY)
A0194.044	(25-MN-55(D,T)25-MN-54,,TTY,,DT)	(25-MN-55(D,T)25-MN-54,,TTY,,PHY)
A0194.045	(26-FE-0(D,X)25-MN-54,,TTY,,DT)	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)
A0194.046	(26-FE-0(D,X)25-MN-56,,TTY,,DT)	(26-FE-0(D,X)25-MN-56,,TTY,,PHY)
A0194.047	(27-CO-59(D,P+A)25-MN-56,,TTY,,DT)	(27-CO-59(D,P+A)25-MN-56,,TTY,,PHY)
A0194.048	(25-MN-55(D,2N)26-FE-55,,TTY,,DT)	(25-MN-55(D,2N)26-FE-55,,TTY,,PHY)
A0194.049	(26-FE-0(D,X)26-FE-55,,TTY,,DT)	(26-FE-0(D,X)26-FE-55,,TTY,,PHY)
A0194.050	(28-NI-58(D,P+A)26-FE-55,,TTY,,DT)	(28-NI-58(D,P+A)26-FE-55,,TTY,,PHY)
A0194.051	(27-CO-59(D,2P)26-FE-59,,TTY,,DT)	(27-CO-59(D,2P)26-FE-59,,TTY,,PHY)
A0194.052	(26-FE-0(D,X)27-CO-55,,TTY,,DT)	(26-FE-0(D,X)27-CO-55,,TTY,,PHY)
A0194.053	(28-NI-58(D,N+A)27-CO-55,,TTY,,DT)	(28-NI-58(D,N+A)27-CO-55,,TTY,,PHY)
A0194.054	(26-FE-0(D,X)27-CO-56,,TTY,,DT)	(26-FE-0(D,X)27-CO-56,,TTY,,PHY)
A0194.055	(28-NI-0(D,X)27-CO-56,,TTY,,DT)	(28-NI-0(D,X)27-CO-56,,TTY,,PHY)
A0194.056	(26-FE-0(D,X)27-CO-57,,TTY,,DT)	(26-FE-0(D,X)27-CO-57,,TTY,,PHY)
A0194.057	(28-NI-0(D,X)27-CO-57,,TTY,,DT)	(28-NI-0(D,X)27-CO-57,,TTY,,PHY)
A0194.058	(26-FE-0(D,X)27-CO-58,,TTY,,DT)	(26-FE-0(D,X)27-CO-58,,TTY,,PHY)
A0194.059	(27-CO-59(D,T)27-CO-58,,TTY,,DT)	(27-CO-59(D,T)27-CO-58,,TTY,,PHY)
A0194.060	(28-NI-0(D,X)27-CO-58,,TTY,,DT)	(28-NI-0(D,X)27-CO-58,,TTY,,PHY)
A0194.061	(27-CO-59(D,P)27-CO-60,,TTY,,DT)	(27-CO-59(D,P)27-CO-60,,TTY,,PHY)
A0194.062	(28-NI-0(D,X)27-CO-60,,TTY,,DT)	(28-NI-0(D,X)27-CO-60,,TTY,,PHY)
A0194.063	(29-CU-63(D,P+A)27-CO-60,,TTY,,DT)	(29-CU-63(D,P+A)27-CO-60,,TTY,,PHY)
A0194.064	(28-NI-0(D,X)28-NI-57,,TTY,,DT)	(28-NI-0(D,X)28-NI-57,,TTY,,PHY)
A0194.065	(29-CU-0(D,X)29-CU-64,,TTY,,DT)	(29-CU-0(D,X)29-CU-64,,TTY,,PHY)
A0194.066	(30-ZN-0(D,X)29-CU-64,,TTY,,DT)	(30-ZN-0(D,X)29-CU-64,,TTY,,PHY)
A0194.067	(30-ZN-0(D,X)29-CU-67,,TTY,,DT)	(30-ZN-0(D,X)29-CU-67,,TTY,,PHY)
A0194.068	(29-CU-63(D,3N)30-ZN-62,,TTY,,DT)	(29-CU-63(D,3N)30-ZN-62,,TTY,,PHY)
A0194.069	(29-CU-65(D,2N)30-ZN-65,,TTY,,DT)	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY)
A0194.070	(30-ZN-0(D,X)30-ZN-65,,TTY,,DT)	(30-ZN-0(D,X)30-ZN-65,,TTY,,PHY)
A0194.071	(31-GA-0(D,X)30-ZN-69-M,,TTY,,DT)	(31-GA-0(D,X)30-ZN-69-M,,TTY,,PHY)
A0194.072	(30-ZN-0(D,X)31-GA-66,,TTY,,DT)	(30-ZN-0(D,X)31-GA-66,,TTY,,PHY)
A0194.073	(30-ZN-0(D,X)31-GA-67,,TTY,,DT)	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY)
A0194.074	(32-GE-70(D,N+A)31-GA-67,,TTY,,DT)	(32-GE-70(D,N+A)31-GA-67,,TTY,,PHY)

A0194.075	(31-GA-69(D,3N)32-GE-68,,TTY,,DT)	(31-GA-69(D,3N)32-GE-68,,TTY,,PHY)
A0194.076	(31-GA-0(D,X)32-GE-69,,TTY,,DT)	(31-GA-0(D,X)32-GE-69,,TTY,,PHY)
A0194.077	(32-GE-0(D,X)33-AS-71,,TTY,,DT)	(32-GE-0(D,X)33-AS-71,,TTY,,PHY)
A0194.078	(32-GE-0(D,X)33-AS-72,,TTY,,DT)	(32-GE-0(D,X)33-AS-72,,TTY,,PHY)
A0194.079	(32-GE-0(D,X)33-AS-73,,TTY,,DT)	(32-GE-0(D,X)33-AS-73,,TTY,,PHY)
A0194.080	(32-GE-0(D,X)33-AS-74,,TTY,,DT)	(32-GE-0(D,X)33-AS-74,,TTY,,PHY)
A0194.081	(33-AS-75(D,T)33-AS-74,,TTY,,DT)	(33-AS-75(D,T)33-AS-74,,TTY,,PHY)
A0194.082	(34-SE-0(D,X)33-AS-74,,TTY,,DT)	(34-SE-0(D,X)33-AS-74,,TTY,,PHY)
A0194.083	(32-GE-76(D,2N)33-AS-76,,TTY,,DT)	(32-GE-76(D,2N)33-AS-76,,TTY,,PHY)
A0194.084	(33-AS-75(D,2N)34-SE-75,,TTY,,DT)	(33-AS-75(D,2N)34-SE-75,,TTY,,PHY)
A0194.085	(34-SE-0(D,X)34-SE-75,,TTY,,DT)	(34-SE-0(D,X)34-SE-75,,TTY,,PHY)
A0194.086	(34-SE-0(D,X)35-BR-76,,TTY,,DT)	(34-SE-0(D,X)35-BR-76,,TTY,,PHY)
A0194.087	(34-SE-0(D,X)35-BR-77,,TTY,,DT)	(34-SE-0(D,X)35-BR-77,,TTY,,PHY)
A0194.088	(34-SE-82(D,2N)35-BR-82,,TTY,,DT)	(34-SE-82(D,2N)35-BR-82,,TTY,,PHY)
A0194.089	(35-BR-81(D,P)35-BR-82,,TTY,,DT)	(35-BR-81(D,P)35-BR-82,,TTY,,PHY)
A0194.090	(37-RB-85(D,T)37-RB-84,,TTY,,DT)	(37-RB-85(D,T)37-RB-84,,TTY,,PHY)
A0194.091	(37-RB-0(D,X)37-RB-86,,TTY,,DT)	(37-RB-0(D,X)37-RB-86,,TTY,,PHY)
A0194.092	(37-RB-85(D,2N)38-SR-85,,TTY,,DT)	(37-RB-85(D,2N)38-SR-85,,TTY,,PHY)
A0194.093	(38-SR-0(D,X)39-Y-86,,TTY,,DT)	(38-SR-0(D,X)39-Y-86,,TTY,,PHY)
A0194.094	(38-SR-0(D,X)39-Y-87-M,,TTY,,DT)	(38-SR-0(D,X)39-Y-87-M,,TTY,,PHY)
A0194.095	(38-SR-0(D,X)39-Y-87,,TTY,,DT)	(38-SR-0(D,X)39-Y-87,,TTY,,PHY)
A0194.096	(40-ZR-0(D,X)39-Y-87,,TTY,,DT)	(40-ZR-0(D,X)39-Y-87,,TTY,,PHY)
A0194.097	(38-SR-0(D,X)39-Y-88,,TTY,,DT)	(38-SR-0(D,X)39-Y-88,,TTY,,PHY)
A0194.098	(39-Y-89(D,T)39-Y-88,,TTY,,DT)	(39-Y-89(D,T)39-Y-88,,TTY,,PHY)
A0194.099	(40-ZR-0(D,X)39-Y-88,,TTY,,DT)	(40-ZR-0(D,X)39-Y-88,,TTY,,PHY)
A0194.100	(39-Y-89(D,3N)40-ZR-88,,TTY,,DT)	(39-Y-89(D,3N)40-ZR-88,,TTY,,PHY)
A0194.101	(39-Y-89(D,2N)40-ZR-89,,TTY,,DT)	(39-Y-89(D,2N)40-ZR-89,,TTY,,PHY)
A0194.102	(40-ZR-0(D,X)40-ZR-89,,TTY,,DT)	(40-ZR-0(D,X)40-ZR-89,,TTY,,PHY)
A0194.103	(40-ZR-0(D,X)40-ZR-95,,TTY,,DT)	(40-ZR-0(D,X)40-ZR-95,,TTY,,PHY)
A0194.104	(40-ZR-0(D,X)41-NB-92-M,,TTY,,DT)	(40-ZR-0(D,X)41-NB-92-M,,TTY,,PHY)
A0194.105	(41-NB-93(D,T)41-NB-92-M,,TTY,,DT)	(41-NB-93(D,T)41-NB-92-M,,TTY,,PHY)
A0194.106	(40-ZR-0(D,X)41-NB-95,,TTY,,DT)	(40-ZR-0(D,X)41-NB-95,,TTY,,PHY)
A0194.107	(41-NB-93(D,2N)42-MO-93-M,,TTY,,DT)	(41-NB-93(D,2N)42-MO-93-M,,TTY,,PHY)
A0194.108	(41-NB-93(D,2N)42-MO-93,,TTY,,DT)	(41-NB-93(D,2N)42-MO-93,,TTY,,PHY)

A0194.109	(42-MO-0(D,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(D,X)43-TC-95-M,,TTY,,PHY)
A0194.110	(42-MO-0(D,X)43-TC-96,,TTY,,DT)	(42-MO-0(D,X)43-TC-96,,TTY,,PHY)
A0194.111	(42-MO-0(D,X)43-TC-97-M,,TTY,,DT)	(42-MO-0(D,X)43-TC-97-M,,TTY,,PHY)
A0194.112	(45-RH-103(D,2P)44-RU-103,,TTY,,DT)	(45-RH-103(D,2P)44-RU-103,,TTY,,PHY)
A0194.113	(44-RU-0(D,X)45-RH-102-M,,TTY,,DT)	(44-RU-0(D,X)45-RH-102-M,,TTY,,PHY)
A0194.114	(45-RH-103(D,T)45-RH-102-M,,TTY,,DT)	(45-RH-103(D,T)45-RH-102-M,,TTY,,PHY)
A0194.115	(44-RU-0(D,X)45-RH-102,,TTY,,DT)	(44-RU-0(D,X)45-RH-102,,TTY,,PHY)
A0194.116	(45-RH-103(D,T)45-RH-102,,TTY,,DT)	(45-RH-103(D,T)45-RH-102,,TTY,,PHY)
A0194.117	(45-RH-103(D,2N)46-PD-103,,TTY,,DT)	(45-RH-103(D,2N)46-PD-103,,TTY,,PHY)
A0194.118	(47-AG-107(D,T)47-AG-106-M,,TTY,,DT)	(47-AG-107(D,T)47-AG-106-M,,TTY,,PHY)
A0194.119	(47-AG-0(D,X)47-AG-108-M,,TTY,,DT)	(47-AG-0(D,X)47-AG-108-M,,TTY,,PHY)
A0194.120	(47-AG-109(D,P)47-AG-110-M,,TTY,,DT)	(47-AG-109(D,P)47-AG-110-M,,TTY,,PHY)
A0194.121	(48-CD-0(D,X)47-AG-110-M,,TTY,,DT)	(48-CD-0(D,X)47-AG-110-M,,TTY,,PHY)
A0194.122	(48-CD-0(D,X)47-AG-111,,TTY,,DT)	(48-CD-0(D,X)47-AG-111,,TTY,,PHY)
A0194.123	(47-AG-107(D,2N)48-CD-107,,TTY,,DT)	(47-AG-107(D,2N)48-CD-107,,TTY,,PHY)
A0194.124	(47-AG-109(D,2N)48-CD-109,,TTY,,DT)	(47-AG-109(D,2N)48-CD-109,,TTY,,PHY)
A0194.125	(48-CD-0(D,X)48-CD-109,,TTY,,DT)	(48-CD-0(D,X)48-CD-109,,TTY,,PHY)
A0194.126	(48-CD-0(D,X)48-CD-115,,TTY,,DT)	(48-CD-0(D,X)48-CD-115,,TTY,,PHY)
A0194.127	(48-CD-0(D,X)49-IN-111,,TTY,,DT)	(48-CD-0(D,X)49-IN-111,,TTY,,PHY)
A0194.128	(48-CD-0(D,X)49-IN-114-M,,TTY,,DT)	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY)
A0194.129	(49-IN-0(D,X)49-IN-114-M,,TTY,,DT)	(49-IN-0(D,X)49-IN-114-M,,TTY,,PHY)
A0194.130	(49-IN-113(D,2N)50-SN-113,,TTY,,DT)	(49-IN-113(D,2N)50-SN-113,,TTY,,PHY)
A0194.131	(50-SN-0(D,X)50-SN-117-M,,TTY,,DT)	(50-SN-0(D,X)50-SN-117-M,,TTY,,PHY)
A0194.132	(50-SN-0(D,X)51-SB-120-M,,TTY,,DT)	(50-SN-0(D,X)51-SB-120-M,,TTY,,PHY)
A0194.133	(50-SN-0(D,X)51-SB-122,,TTY,,DT)	(50-SN-0(D,X)51-SB-122,,TTY,,PHY)
A0194.134	(50-SN-124(D,2N)51-SB-124,,TTY,,DT)	(50-SN-124(D,2N)51-SB-124,,TTY,,PHY)
A0194.135	(51-SB-123(D,P)51-SB-124,,TTY,,DT)	(51-SB-123(D,P)51-SB-124,,TTY,,PHY)
A0194.136	(51-SB-0(D,X)52-TE-121-M,,TTY,,DT)	(51-SB-0(D,X)52-TE-121-M,,TTY,,PHY)
A0194.137	(51-SB-0(D,X)52-TE-121,,TTY,,DT)	(51-SB-0(D,X)52-TE-121,,TTY,,PHY)
A0194.138	(51-SB-123(D,2N)52-TE-123-M,,TTY,,DT)	(51-SB-123(D,2N)52-TE-123-M,,TTY,,PHY)
A0194.139	(52-TE-0(D,X)53-I-123,,TTY,,DT)	(52-TE-0(D,X)53-I-123,,TTY,,PHY)
A0194.140	(52-TE-0(D,X)53-I-124,,TTY,,DT)	(52-TE-0(D,X)53-I-124,,TTY,,PHY)
A0194.141	(52-TE-0(D,X)53-I-125,,TTY,,DT)	(52-TE-0(D,X)53-I-125,,TTY,,PHY)
A0194.142	(52-TE-0(D,X)53-I-126,,TTY,,DT)	(52-TE-0(D,X)53-I-126,,TTY,,PHY)

A0194.143	(52-TE-130(D,2N)53-I-130,,TTY,,DT)	(52-TE-130(D,2N)53-I-130,,TTY,,PHY)
A0194.144	(52-TE-0(D,X)53-I-131,,TTY,,DT)	(52-TE-0(D,X)53-I-131,,TTY,,PHY)
A0194.145	(53-I-127(D,2N)54-XE-127,,TTY,,DT)	(53-I-127(D,2N)54-XE-127,,TTY,,PHY)
A0194.146	(55-CS-133(D,2P)54-XE-133,,TTY,,DT)	(55-CS-133(D,2P)54-XE-133,,TTY,,PHY)
A0194.147	(55-CS-133(D,P)55-CS-134,,TTY,,DT)	(55-CS-133(D,P)55-CS-134,,TTY,,PHY)
A0194.148	(55-CS-133(D,2N)56-BA-133-M,,TTY,,DT)	(55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY)
A0194.149	(56-BA-0(D,X)56-BA-133-M,,TTY,,DT)	(56-BA-0(D,X)56-BA-133-M,,TTY,,PHY)
A0194.150	(55-CS-133(D,2N)56-BA-133,,TTY,,DT)	(55-CS-133(D,2N)56-BA-133,,TTY,,PHY)
A0194.151	(57-LA-139(D,P)57-LA-140,,TTY,,DT)	(57-LA-139(D,P)57-LA-140,,TTY,,PHY)
A0194.152	(58-CE-0(D,X)57-LA-140,,TTY,,DT)	(58-CE-0(D,X)57-LA-140,,TTY,,PHY)
A0194.153	(57-LA-139(D,2N)58-CE-139,,TTY,,DT)	(57-LA-139(D,2N)58-CE-139,,TTY,,PHY)
A0194.154	(58-CE-0(D,X)58-CE-139,,TTY,,DT)	(58-CE-0(D,X)58-CE-139,,TTY,,PHY)
A0194.155	(58-CE-0(D,X)58-CE-141,,TTY,,DT)	(58-CE-0(D,X)58-CE-141,,TTY,,PHY)
A0194.156	(58-CE-142(D,P)58-CE-143,,TTY,,DT)	(58-CE-142(D,P)58-CE-143,,TTY,,PHY)
A0194.157	(59-PR-141(D,P)59-PR-142,,TTY,,DT)	(59-PR-141(D,P)59-PR-142,,TTY,,PHY)
A0194.158	(59-PR-141(D,3N)60-ND-140,,TTY,,DT)	(59-PR-141(D,3N)60-ND-140,,TTY,,PHY)
A0194.159	(60-ND-0(D,X)61-PM-143,,TTY,,DT)	(60-ND-0(D,X)61-PM-143,,TTY,,PHY)
A0194.160	(60-ND-0(D,X)61-PM-144,,TTY,,DT)	(60-ND-0(D,X)61-PM-144,,TTY,,PHY)
A0194.161	(60-ND-0(D,X)61-PM-148,,TTY,,DT)	(60-ND-0(D,X)61-PM-148,,TTY,,PHY)
A0194.162	(62-SM-0(D,X)63-EU-148,,TTY,,DT)	(62-SM-0(D,X)63-EU-148,,TTY,,PHY)
A0194.163	(62-SM-0(D,X)63-EU-150-M,,TTY,,DT)	(62-SM-0(D,X)63-EU-150-M,,TTY,,PHY)
A0194.164	(62-SM-0(D,X)63-EU-152,,TTY,,DT)	(62-SM-0(D,X)63-EU-152,,TTY,,PHY)
A0194.165	(62-SM-154(D,2N)63-EU-154,,TTY,,DT)	(62-SM-154(D,2N)63-EU-154,,TTY,,PHY)
A0194.166	(63-EU-0(D,X)64-GD-151,,TTY,,DT)	(63-EU-0(D,X)64-GD-151,,TTY,,PHY)
A0194.167	(63-EU-153(D,2N)64-GD-153,,TTY,,DT)	(63-EU-153(D,2N)64-GD-153,,TTY,,PHY)
A0194.168	(64-GD-0(D,X)65-TB-155,,TTY,,DT)	(64-GD-0(D,X)65-TB-155,,TTY,,PHY)
A0194.169	(64-GD-0(D,X)65-TB-156,,TTY,,DT)	(64-GD-0(D,X)65-TB-156,,TTY,,PHY)
A0194.170	(67-HO-165(D,P)67-HO-166,,TTY,,DT)	(67-HO-165(D,P)67-HO-166,,TTY,,PHY)
A0194.171	(68-ER-0(D,X)69-TM-165,,TTY,,DT)	(68-ER-0(D,X)69-TM-165,,TTY,,PHY)
A0194.172	(68-ER-0(D,X)69-TM-166,,TTY,,DT)	(68-ER-0(D,X)69-TM-166,,TTY,,PHY)
A0194.173	(68-ER-0(D,X)69-TM-167,,TTY,,DT)	(68-ER-0(D,X)69-TM-167,,TTY,,PHY)
A0194.174	(68-ER-0(D,X)69-TM-168,,TTY,,DT)	(68-ER-0(D,X)69-TM-168,,TTY,,PHY)
A0194.175	(68-ER-170(D,2N)69-TM-170,,TTY,,DT)	(68-ER-170(D,2N)69-TM-170,,TTY,,PHY)
A0194.176	(70-YB-0(D,X)71-LU-173,,TTY,,DT)	(70-YB-0(D,X)71-LU-173,,TTY,,PHY)

A0194.177	(70-YB-0(D,X)71-LU-174,,TTY,,DT)	(70-YB-0(D,X)71-LU-174,,TTY,,PHY)
A0194.178	(72-HF-0(D,X)72-HF-175,,TTY,,DT)	(72-HF-0(D,X)72-HF-175,,TTY,,PHY)
A0194.179	(72-HF-180(D,P)72-HF-181,,TTY,,DT)	(72-HF-180(D,P)72-HF-181,,TTY,,PHY)
A0194.180	(72-HF-0(D,X)73-TA-176,,TTY,,DT)	(72-HF-0(D,X)73-TA-176,,TTY,,PHY)
A0194.181	(72-HF-0(D,X)73-TA-178,,TTY,,DT)	(72-HF-0(D,X)73-TA-178,,TTY,,PHY)
A0194.182	(73-TA-181(D,P)73-TA-182,,TTY,,DT)	(73-TA-181(D,P)73-TA-182,,TTY,,PHY)
A0194.183	(73-TA-181(D,2N)74-W-181,,TTY,,DT)	(73-TA-181(D,2N)74-W-181,,TTY,,PHY)
A0194.184	(74-W-0(D,X)75-RE-181,,TTY,,DT)	(74-W-0(D,X)75-RE-181,,TTY,,PHY)
A0194.185	(74-W-0(D,X)75-RE-182-M,,TTY,,DT)	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY)
A0194.186	(74-W-0(D,X)75-RE-182,,TTY,,DT)	(74-W-0(D,X)75-RE-182,,TTY,,PHY)
A0194.187	(74-W-0(D,X)75-RE-183,,TTY,,DT)	(74-W-0(D,X)75-RE-183,,TTY,,PHY)
A0194.188	(74-W-0(D,X)75-RE-184-M,,TTY,,DT)	(74-W-0(D,X)75-RE-184-M,,TTY,,PHY)
A0194.189	(74-W-0(D,X)75-RE-184,,TTY,,DT)	(74-W-0(D,X)75-RE-184,,TTY,,PHY)
A0194.190	(75-RE-0(D,X)76-OS-185,,TTY,,DT)	(75-RE-0(D,X)76-OS-185,,TTY,,PHY)
A0194.191	(78-PT-0(D,X)79-AU-193,,TTY,,DT)	(78-PT-0(D,X)79-AU-193,,TTY,,PHY)
A0194.192	(78-PT-0(D,X)79-AU-194,,TTY,,DT)	(78-PT-0(D,X)79-AU-194,,TTY,,PHY)
A0194.193	(78-PT-0(D,X)79-AU-195,,TTY,,DT)	(78-PT-0(D,X)79-AU-195,,TTY,,PHY)
A0194.194	(78-PT-0(D,X)79-AU-196,,TTY,,DT)	(78-PT-0(D,X)79-AU-196,,TTY,,PHY)
A0194.195	(79-AU-197(D,T)79-AU-196,,TTY,,DT)	(79-AU-197(D,T)79-AU-196,,TTY,,PHY)
A0194.196	(78-PT-198(D,2N)79-AU-198,,TTY,,DT)	(78-PT-198(D,2N)79-AU-198,,TTY,,PHY)
A0194.197	(79-AU-197(D,P)79-AU-198,,TTY,,DT)	(79-AU-197(D,P)79-AU-198,,TTY,,PHY)
A0194.198	(78-PT-0(D,X)79-AU-199,,TTY,,DT)	(78-PT-0(D,X)79-AU-199,,TTY,,PHY)
A0194.199	(79-AU-197(D,2N)80-HG-197,,TTY,,DT)	(79-AU-197(D,2N)80-HG-197,,TTY,,PHY)
A0194.200	(80-HG-0(D,X)80-HG-203,,TTY,,DT)	(80-HG-0(D,X)80-HG-203,,TTY,,PHY)
A0194.201	(81-TL-0(D,X)80-HG-203,,TTY,,DT)	(81-TL-0(D,X)80-HG-203,,TTY,,PHY)
A0194.202	(80-HG-0(D,X)81-TL-200,,TTY,,DT)	(80-HG-0(D,X)81-TL-200,,TTY,,PHY)
A0194.203	(80-HG-0(D,X)81-TL-201,,TTY,,DT)	(80-HG-0(D,X)81-TL-201,,TTY,,PHY)
A0194.204	(80-HG-0(D,X)81-TL-202,,TTY,,DT)	(80-HG-0(D,X)81-TL-202,,TTY,,PHY)
A0194.205	(81-TL-203(D,3N)82-PB-202-M,,TTY,,DT)	(81-TL-203(D,3N)82-PB-202-M,,TTY,,PHY)
A0194.206	(81-TL-0(D,X)82-PB-203,,TTY,,DT)	(81-TL-0(D,X)82-PB-203,,TTY,,PHY)
A0194.207	(82-PB-0(D,X)83-BI-205,,TTY,,DT)	(82-PB-0(D,X)83-BI-205,,TTY,,PHY)
A0194.208	(82-PB-0(D,X)83-BI-206,,TTY,,DT)	(82-PB-0(D,X)83-BI-206,,TTY,,PHY)
A0194.209	(82-PB-0(D,X)83-BI-207,,TTY,,DT)	(82-PB-0(D,X)83-BI-207,,TTY,,PHY)

A0199.002.A	(50-SN-0(A,X)52-TE-118,,TTY,,(PHY))	(50-SN-0(A,X)52-TE-118,,TTY,,(PHY))
A0199.002.B	(50-SN-0(A,X)52-TE-119-M,,TTY,,(PHY))	(50-SN-0(A,X)52-TE-119-M,,TTY,,(PHY))
A0199.002.C	(50-SN-0(A,X)52-TE-121-M,,TTY,,(PHY))	(50-SN-0(A,X)52-TE-121-M,,TTY,,(PHY))
A0199.002.D	(50-SN-0(A,X)52-TE-121-G,,TTY,,(PHY))	(50-SN-0(A,X)52-TE-121-G,,TTY,,(PHY))
A0199.002.E	(50-SN-0(A,X)52-TE-123-M,,TTY,,(PHY))	(50-SN-0(A,X)52-TE-123-M,,TTY,,(PHY))
A0211.002	(19-K-41(D,P)19-K-42,,TTY,,PHY)	(19-K-41(D,P)19-K-42,,TTY,,PHY)
A0211.003	(20-CA-42(D,N)21-SC-43,,TTY,,PHY)	(20-CA-42(D,N)21-SC-43,,TTY,,PHY)
A0211.004	(20-CA-43(D,N)21-SC-44,,TTY,,PHY)	(20-CA-43(D,N)21-SC-44,,TTY,,PHY)
A0211.005	(20-CA-43(D,N)21-SC-44-M,,TTY,,PHY)	(20-CA-43(D,N)21-SC-44-M,,TTY,,PHY)
A0211.006	(22-TI-48(D,2N)23-V-48,,TTY,,PHY)	(22-TI-48(D,2N)23-V-48,,TTY,,PHY)
A0211.007	(23-V-51(D,2N)24-CR-51,,TTY,,PHY)	(23-V-51(D,2N)24-CR-51,,TTY,,PHY)
A0211.008	(24-CR-50(D,N)25-MN-51,,TTY,,PHY)	(24-CR-50(D,N)25-MN-51,,TTY,,PHY)
A0211.009	(24-CR-50(D,P)24-CR-51,,TTY,,PHY)	(24-CR-50(D,P)24-CR-51,,TTY,,PHY)
A0211.010	(24-CR-52(D,2N)25-MN-52,,TTY,,PHY)	(24-CR-52(D,2N)25-MN-52,,TTY,,PHY)
A0211.011	(25-MN-55(D,P)25-MN-56,,TTY,,PHY)	(25-MN-55(D,P)25-MN-56,,TTY,,PHY)
A0211.012	(27-CO-59(D,P)27-CO-60,,TTY,,PHY)	(27-CO-59(D,P)27-CO-60,,TTY,,PHY)
A0211.013	(29-CU-63(D,2N)30-ZN-63,,TTY,,PHY)	(29-CU-63(D,2N)30-ZN-63,,TTY,,PHY)
A0211.014	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY)	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY)
A0211.015	(29-CU-63(D,P)29-CU-64,,TTY,,PHY)	(29-CU-63(D,P)29-CU-64,,TTY,,PHY)
A0211.016	(30-ZN-66(D,N)31-GA-67,,TTY,,PHY)	(30-ZN-66(D,N)31-GA-67,,TTY,,PHY)
A0211.017	(30-ZN-66(D,2N)31-GA-66,,TTY,,PHY)	(30-ZN-66(D,2N)31-GA-66,,TTY,,PHY)
A0211.018	(30-ZN-68(D,P)30-ZN-69,,TTY,,PHY)	(30-ZN-68(D,P)30-ZN-69,,TTY,,PHY)
A0211.019	(31-GA-69(D,2N)32-GE-69,,TTY,,PHY)	(31-GA-69(D,2N)32-GE-69,,TTY,,PHY)
A0211.020	(31-GA-71(D,P)31-GA-72,,TTY,,PHY)	(31-GA-71(D,P)31-GA-72,,TTY,,PHY)
A0211.021	(34-SE-80(D,2N)35-BR-80-M,,TTY,,PHY)	(34-SE-80(D,2N)35-BR-80-M,,TTY,,PHY)
A0211.022	(34-SE-82(D,2N)35-BR-82,,TTY,,PHY)	(34-SE-82(D,2N)35-BR-82,,TTY,,PHY)
A0211.023	(35-BR-81(D,P)35-BR-82,,TTY,,PHY)	(35-BR-81(D,P)35-BR-82,,TTY,,PHY)
A0211.024	(38-SR-86(D,N)39-Y-87,,TTY,,PHY)	(38-SR-86(D,N)39-Y-87,,TTY,,PHY)
A0211.025	(38-SR-86(D,N)39-Y-87-M,,TTY,,PHY)	(38-SR-86(D,N)39-Y-87-M,,TTY,,PHY)
A0212.002	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)
A0212.003	(45-RH-103(D,2N)46-PD-103,,TTY,,PHY)	(45-RH-103(D,2N)46-PD-103,,TTY,,PHY)
A0212.004	(47-AG-107(P,N)48-CD-107,,TTY,,PHY)	(47-AG-107(P,N)48-CD-107,,TTY,,PHY)

A0212.005	(48-CD-110(P,N)49-IN-110-M,,TTY,,PHY)	(48-CD-110(P,N)49-IN-110-M,,TTY,,PHY)
A0212.006	(48-CD-110(P,N)49-IN-110,,TTY,,PHY)	(48-CD-110(P,N)49-IN-110,,TTY,,PHY)
A0212.007	(48-CD-111(P,N)49-IN-111-M,,TTY,,PHY)	(48-CD-111(P,N)49-IN-111-M,,TTY,,PHY)
A0212.008	(48-CD-113(P,N)49-IN-113-M,,TTY,,PHY)	(48-CD-113(P,N)49-IN-113-M,,TTY,,PHY)
A0212.009	(48-CD-116(P,N)49-IN-116-M,,TTY,,PHY)	(48-CD-116(P,N)49-IN-116-M,,TTY,,PHY)
A0212.010	(48-CD-114(D,P)48-CD-115-M,,TTY,,PHY)	(48-CD-114(D,P)48-CD-115-M,,TTY,,PHY)
A0212.011	(48-CD-114(D,P)48-CD-115,,TTY,,PHY)	(48-CD-114(D,P)48-CD-115,,TTY,,PHY)
A0212.012	(49-IN-113(D,2N)50-SN-113,,TTY,,PHY)	(49-IN-113(D,2N)50-SN-113,,TTY,,PHY)
A0212.013	(50-SN-117(P,N)51-SB-117,,TTY,,PHY)	(50-SN-117(P,N)51-SB-117,,TTY,,PHY)
A0212.014	(50-SN-120(P,N)51-SB-120-M,,TTY,,PHY)	(50-SN-120(P,N)51-SB-120-M,,TTY,,PHY)
A0212.015	(50-SN-122(P,N)51-SB-122,,TTY,,PHY)	(50-SN-122(P,N)51-SB-122,,TTY,,PHY)
A0212.016	(50-SN-117(D,2N)51-SB-117,,TTY,,PHY)	(50-SN-117(D,2N)51-SB-117,,TTY,,PHY)
A0212.017	(50-SN-118(D,2N)51-SB-118-M,,TTY,,PHY)	(50-SN-118(D,2N)51-SB-118-M,,TTY,,PHY)
A0212.018	(50-SN-120(D,2N)51-SB-120-M,,TTY,,PHY)	(50-SN-120(D,2N)51-SB-120-M,,TTY,,PHY)
A0212.019	(50-SN-122(D,2N)51-SB-122,,TTY,,PHY)	(50-SN-122(D,2N)51-SB-122,,TTY,,PHY)
A0212.020	(51-SB-121(P,N)52-TE-121-M,,TTY,,PHY)	(51-SB-121(P,N)52-TE-121-M,,TTY,,PHY)
A0212.021	(51-SB-121(P,N)52-TE-121,,TTY,,PHY)	(51-SB-121(P,N)52-TE-121,,TTY,,PHY)
A0212.022	(51-SB-123(P,N)52-TE-123-M,,TTY,,PHY)	(51-SB-123(P,N)52-TE-123-M,,TTY,,PHY)
A0212.023	(52-TE-128(P,N)53-I-128,,TTY,,PHY)	(52-TE-128(P,N)53-I-128,,TTY,,PHY)
A0212.024	(52-TE-130(P,N)53-I-130,,TTY,,PHY)	(52-TE-130(P,N)53-I-130,,TTY,,PHY)
A0212.025	(52-TE-126(D,2N)53-I-126,,TTY,,PHY)	(52-TE-126(D,2N)53-I-126,,TTY,,PHY)
A0212.026	(52-TE-130(D,2N)53-I-130,,TTY,,PHY)	(52-TE-130(D,2N)53-I-130,,TTY,,PHY)
A0212.027	(52-TE-130(D,N)53-I-131,,TTY,,PHY)	(52-TE-130(D,N)53-I-131,,TTY,,PHY)
A0212.028	(55-CS-133(P,N)56-BA-133-M,,TTY,,PHY)	(55-CS-133(P,N)56-BA-133-M,,TTY,,PHY)
A0212.029	(55-CS-133(D,P)55-CS-134-M,,TTY,,PHY)	(55-CS-133(D,P)55-CS-134-M,,TTY,,PHY)
A0212.030	(55-CS-133(D,P)55-CS-134,,TTY,,PHY)	(55-CS-133(D,P)55-CS-134,,TTY,,PHY)
A0212.031	(55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY)	(55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY)
A0212.032	(57-LA-139(P,N)58-CE-139,,TTY,,PHY)	(57-LA-139(P,N)58-CE-139,,TTY,,PHY)
A0212.033	(58-CE-142(P,N)59-PR-142,,TTY,,PHY)	(58-CE-142(P,N)59-PR-142,,TTY,,PHY)
A0212.034	(58-CE-142(D,2N)59-PR-142,,TTY,,PHY)	(58-CE-142(D,2N)59-PR-142,,TTY,,PHY)
A0212.035	(59-PR-141(P,N)60-ND-141,,TTY,,PHY)	(59-PR-141(P,N)60-ND-141,,TTY,,PHY)
A0212.036	(63-EU-151(P,N)64-GD-151,,TTY,,PHY)	(63-EU-151(P,N)64-GD-151,,TTY,,PHY)
A0212.037	(63-EU-153(P,N)64-GD-153,,TTY,,PHY)	(63-EU-153(P,N)64-GD-153,,TTY,,PHY)
A0212.038	(63-EU-151(D,2N)64-GD-151,,TTY,,PHY)	(63-EU-151(D,2N)64-GD-151,,TTY,,PHY)

A0212.039	(63-EU-153(D,2N)64-GD-153,,TTY,,PHY)	(63-EU-153(D,2N)64-GD-153,,TTY,,PHY)
A0212.040	(65-TB-159(D,P)65-TB-160,,TTY,,PHY)	(65-TB-159(D,P)65-TB-160,,TTY,,PHY)
A0212.041	(65-TB-159(D,2N)66-DY-159,,TTY,,PHY)	(65-TB-159(D,2N)66-DY-159,,TTY,,PHY)
A0212.042	(73-TA-181(P,N)74-W-181,,TTY,,PHY)	(73-TA-181(P,N)74-W-181,,TTY,,PHY)
A0212.043	(73-TA-181(D,P)73-TA-182,,TTY,,PHY)	(73-TA-181(D,P)73-TA-182,,TTY,,PHY)
A0212.044	(73-TA-181(D,2N)74-W-181,,TTY,,PHY)	(73-TA-181(D,2N)74-W-181,,TTY,,PHY)
A0212.045	(74-W-186(D,2N)75-RE-186,,TTY,,PHY)	(74-W-186(D,2N)75-RE-186,,TTY,,PHY)
A0212.046	(75-RE-187(D,P)75-RE-188,,TTY,,PHY)	(75-RE-187(D,P)75-RE-188,,TTY,,PHY)
A0212.047	(82-PB-204(P,N)83-BI-204,,TTY,,PHY)	(82-PB-204(P,N)83-BI-204,,TTY,,PHY)
A0212.048	(82-PB-206(P,N)83-BI-206,,TTY,,PHY)	(82-PB-206(P,N)83-BI-206,,TTY,,PHY)
A0226.002	(20-CA-0(P,X)19-K-43,,TTY,,(PHY))	(20-CA-0(P,X)19-K-43,,TTY,,(PHY))
A0226.003	(20-CA-0(P,X)19-K-42,,TTY,,(PHY))	(20-CA-0(P,X)19-K-42,,TTY,,(PHY))
A0226.004	(20-CA-0(D,X)19-K-43,,TTY,,(PHY))	(20-CA-0(D,X)19-K-43,,TTY,,(PHY))
A0226.005	(20-CA-0(D,X)19-K-42,,TTY,,(PHY))	(20-CA-0(D,X)19-K-42,,TTY,,(PHY))
A0234.016	(52-TE-122(D,N)53-I-123,,TTY,,DT)	(52-TE-122(D,N)53-I-123,,TTY,,(PHY),DERIV)
A0234.017	(52-TE-122(D,2N)53-I-122,,TTY,,DT)	(52-TE-122(D,2N)53-I-122,,TTY,,(PHY),DERIV)
A0234.018	(52-TE-122(D,3N)53-I-121,,TTY,,DT)	(52-TE-122(D,3N)53-I-121,,TTY,,(PHY),DERIV)
A0236.002	(17-CL-0(P,X)17-CL-34-M,,TTY,,EXP)	(17-CL-0(P,X)17-CL-34-M,,TTY,,PHY)
A0236.003	(16-S-0(P,X)17-CL-34-M,,TTY,,EXP)	(16-S-0(P,X)17-CL-34-M,,TTY,,PHY)
A0236.004	(17-CL-0(D,X)17-CL-38,IND,TTY,,EXP)	(17-CL-0(D,X)17-CL-38,IND,TTY,,PHY)
A0236.005	(16-S-0(D,X)17-CL-34-M,,TTY,,EXP)	(16-S-0(D,X)17-CL-34-M,,TTY,,PHY)
A0236.006	(16-S-0(A,X)17-CL-34-M,,TTY,,EXP)	(16-S-0(A,X)17-CL-34-M,,TTY,,PHY)
A0236.007	(17-CL-0(A,X)17-CL-34-M,,TTY,,EXP)	(17-CL-0(A,X)17-CL-34-M,,TTY,,PHY)
A0236.008	(15-P-31(A,X)17-CL-34-M,IND,TTY,,EXP)	(15-P-31(A,X)17-CL-34-M,IND,TTY,,PHY)
A0236.009	(16-S-0(HE3,X)17-CL-34-M,,TTY,,EXP)	(16-S-0(HE3,X)17-CL-34-M,,TTY,,PHY)
A0236.010	(17-CL-0(HE3,X)17-CL-38,,TTY,,EXP)	(17-CL-0(HE3,X)17-CL-38,,TTY,,PHY)
A0236.011	(17-CL-0(HE3,X)17-CL-34-M,,TTY,,EXP)	(17-CL-0(HE3,X)17-CL-34-M,,TTY,,PHY)
A0256.002	(4-BE-9(HE3,N)6-C-11,,TTY,,(PHY))	(4-BE-9(HE3,N)6-C-11,,TTY,,(PHY))
A0256.003	(4-BE-9(A,2N)6-C-11,,TTY,,(PHY))	(4-BE-9(A,2N)6-C-11,,TTY,,(PHY))

A0257.002	(11-NA-23(HE3,2A)9-F-18,,TTY,,(PHY))	(11-NA-23(HE3,2A)9-F-18,,TTY,,(PHY))
A0257.003	(11-NA-23(A,N+2A)9-F-18,,TTY,,(PHY))	(11-NA-23(A,N+2A)9-F-18,,TTY,,(PHY))
A0257.004	(13-AL-27(HE3,3A)9-F-18,,TTY,,(PHY))	(13-AL-27(HE3,3A)9-F-18,,TTY,,(PHY))
A0257.005	(12-MG-24(HE3,X)9-F-18,,TTY,,(PHY))	(12-MG-24(HE3,X)9-F-18,,TTY,,(PHY))
A0259.002	(7-N-14(P,A)6-C-11,,TTY,,(PHY))	(7-N-14(P,A)6-C-11,,TTY,,(PHY))
A0259.003	(7-N-14(P,X)7-N-13,,TTY,,(PHY))	(7-N-14(P,X)7-N-13,,TTY,,(PHY))
A0259.004	(7-N-14(HE3,A)7-N-13,,TTY,,(PHY))	(7-N-14(HE3,A)7-N-13,,TTY,,(PHY))
A0259.005	(7-N-14(HE3,X)6-C-11,,TTY,,(PHY))	(7-N-14(HE3,X)6-C-11,,TTY,,(PHY))
A0259.006	(7-N-14(D,N+A)6-C-11,,TTY,,(PHY))	(7-N-14(D,N+A)6-C-11,,TTY,,(PHY))
A0259.007	(7-N-14(D,T)7-N-13,,TTY,,(PHY))	(7-N-14(D,T)7-N-13,,TTY,,(PHY))
A0259.008	(7-N-15(A,N)9-F-18,,TTY,,(PHY))	(7-N-15(A,N)9-F-18,,TTY,,(PHY))
A0259.009	(7-N-14(A,N+A)7-N-13,,TTY,,(PHY))	(7-N-14(A,N+A)7-N-13,,TTY,,(PHY))
A0259.010	(7-N-14(A,T+A)6-C-11,,TTY,,(PHY))	(7-N-14(A,T+A)6-C-11,,TTY,,(PHY))
A0260.002	(6-C-13(P,N)7-N-13,,TTY,,(PHY))	(6-C-13(P,N)7-N-13,,TTY,,(PHY))
A0260.003	(6-C-0(P,X)6-C-11,,TTY,,(PHY))	(6-C-0(P,X)6-C-11,,TTY,,(PHY))
A0260.004	(6-C-12(D,T)6-C-11,,TTY,,(PHY))	(6-C-12(D,T)6-C-11,,TTY,,(PHY))
A0260.005	(6-C-0(D,X)7-N-13,,TTY,,(PHY))	(6-C-0(D,X)7-N-13,,TTY,,(PHY))
A0260.006	(6-C-0(HE3,X)6-C-11,,TTY,,(PHY))	(6-C-0(HE3,X)6-C-11,,TTY,,(PHY))
A0260.007	(6-C-12(HE3,X)7-N-13,,TTY,,(PHY))	(6-C-12(HE3,X)7-N-13,,TTY,,(PHY))
A0260.008	(6-C-12(A,N+A)6-C-11,,TTY,,(PHY))	(6-C-12(A,N+A)6-C-11,,TTY,,(PHY))
A0260.009	(6-C-12(A,X)7-N-13,,TTY,,(PHY))	(6-C-12(A,X)7-N-13,,TTY,,(PHY))
A0260.010	(8-O-16(P,A)7-N-13,,TTY,,(PHY))	(8-O-16(P,A)7-N-13,,TTY,,(PHY))
A0260.011	(8-O-18(P,N)9-F-18,,TTY,,(PHY))	(8-O-18(P,N)9-F-18,,TTY,,(PHY))
A0260.012	(8-O-16(D,N+A)7-N-13,,TTY,,(PHY))	(8-O-16(D,N+A)7-N-13,,TTY,,(PHY))
A0260.013	(8-O-0(D,X)9-F-18,,TTY,,(PHY))	(8-O-0(D,X)9-F-18,,TTY,,(PHY))
A0260.014	(8-O-16(HE3,2A)6-C-11,,TTY,,(PHY))	(8-O-16(HE3,2A)6-C-11,,TTY,,(PHY))
A0260.015	(8-O-0(HE3,X)9-F-18,,TTY,,(PHY))	(8-O-0(HE3,X)9-F-18,,TTY,,(PHY))
A0260.016	(8-O-16(A,X)9-F-18,,TTY,,(PHY))	(8-O-16(A,X)9-F-18,,TTY,,(PHY))
A0269.002	(4-BE-9(P,T)4-BE-7,,TTY,,(PHY))	(4-BE-9(P,T)4-BE-7,,TTY,,(PHY))
A0269.003	(4-BE-9(HE3,N+A)4-BE-7,,TTY,,(PHY))	(4-BE-9(HE3,N+A)4-BE-7,,TTY,,(PHY))
A0269.004	(4-BE-9(D,N+T)4-BE-7,,TTY,,(PHY))	(4-BE-9(D,N+T)4-BE-7,,TTY,,(PHY))

A0269.005	(4-BE-9(A,2N+A)4-BE-7,,TTY,,(PHY))	(4-BE-9(A,2N+A)4-BE-7,,TTY,,(PHY))
A0269.006	(12-MG-0(P,X)11-NA-22,,TTY,,(PHY))	(12-MG-0(P,X)11-NA-22,,TTY,,(PHY))
A0269.007	(12-MG-0(D,X)11-NA-22,,TTY,,(PHY))	(12-MG-0(D,X)11-NA-22,,TTY,,(PHY))
A0269.008	(12-MG-0(A,X)11-NA-22,,TTY,,(PHY))	(12-MG-0(A,X)11-NA-22,,TTY,,(PHY))
A0269.009	(6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY))	(6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY))
A0269.010	(14-SI-28(D,2A)11-NA-22,,TTY,,(PHY))	(14-SI-28(D,2A)11-NA-22,,TTY,,(PHY))
A0269.011	(6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY))	(6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY))
A0269.012	(14-SI-28(D,2A)11-NA-22,,TTY,,(PHY))	(14-SI-28(D,2A)11-NA-22,,TTY,,(PHY))
A0269.013	(21-SC-45(P,X)21-SC-44-M,,TTY,,(PHY))	(21-SC-45(P,X)21-SC-44-M,,TTY,,(PHY))
A0269.014	(21-SC-45(D,T)21-SC-44-M,,TTY,,(PHY))	(21-SC-45(D,T)21-SC-44-M,,TTY,,(PHY))
A0269.015	(21-SC-45(D,P)21-SC-46,,TTY,,(PHY))	(21-SC-45(D,P)21-SC-46,,TTY,,(PHY))
A0269.016	(21-SC-45(A,N)23-V-48,,TTY,,(PHY))	(21-SC-45(A,N)23-V-48,,TTY,,(PHY))
A0269.017	(21-SC-45(A,X)21-SC-44-M,,TTY,,(PHY))	(21-SC-45(A,X)21-SC-44-M,,TTY,,(PHY))
A0269.018	(21-SC-45(A,X)21-SC-46,,TTY,,(PHY))	(21-SC-45(A,X)21-SC-46,,TTY,,(PHY))
A0269.019	(21-SC-45(A,2P)21-SC-47,,TTY,,(PHY))	(21-SC-45(A,2P)21-SC-47,,TTY,,(PHY))
A0269.020	(21-SC-45(HE3,A)21-SC-44-M,,TTY,,(PHY))	(21-SC-45(HE3,A)21-SC-44-M,,TTY,,(PHY))
A0269.021	(21-SC-45(HE3,2P)21-SC-46,,TTY,,(PHY))	(21-SC-45(HE3,2P)21-SC-46,,TTY,,(PHY))
A0286.003	(7-N-14(P,A)6-C-11,IND,TTY,,EXP)	(7-N-14(P,A)6-C-11,IND,TTY,,SAT)
A0287.002	(22-TI-48(P,N)23-V-48,,TTY,,EXP)	(22-TI-0(P,X)23-V-48,,TTY,,EOB)
A0287.003	((24-CR-0(P,N)25-MN-52,,TTY,,EXP)= (24-CR-52(P,N)25-MN-52,,TTY,,EXP))	(24-CR-0(P,X)25-MN-52,,TTY,,EOB)
A0287.004	(26-FE-56(P,N)27-CO-56,,TTY,,EXP)	(26-FE-0(P,X)27-CO-56,,TTY,,EOB)
A0287.005	((28-NI-0(P,N)29-CU-61,,TTY,,EXP)= (28-NI-61(P,N)29-CU-61,,TTY,,EXP)+ (28-NI-60(P,G)29-CU-61,,TTY,,EXP))	(28-NI-0(P,X)29-CU-61,,TTY,,EOB)
A0287.006	(29-CU-63(P,N)30-ZN-63,,TTY,,EXP)	(29-CU-0(P,X)30-ZN-63,,TTY,,EOB)
A0287.007	(30-ZN-66(P,N)31-GA-66,,TTY,,EXP)	(30-ZN-0(P,X)31-GA-66,,TTY,,EOB)
A0287.008	(31-GA-69(P,N)32-GE-69,,TTY,,EXP)	(31-GA-0(P,X)32-GE-69,,TTY,,EOB)
A0287.009	(32-GE-72(P,N)33-AS-72,,TTY,,EXP)	(32-GE-0(P,X)33-AS-72,,TTY,,EOB)
A0287.010	(33-AS-75(P,N)34-SE-75,,TTY,,EXP)	(33-AS-0(P,X)34-SE-75,,TTY,,EOB)
A0287.011	(34-SE-82(P,N)35-BR-82,,TTY,,EXP)	(34-SE-0(P,X)35-BR-82,,TTY,,EOB)
A0287.012	(40-ZR-90(P,N)41-NB-90,,TTY,,EXP)	(40-ZR-0(P,X)41-NB-90,,TTY,,EOB)

A0287.013	(41-NB-93(P,N)42-MO-93-M,,TTY,,EXP)	(41-NB-0(P,X)42-MO-93-M,,TTY,,EOB)
A0287.014	(42-MO-95(P,N)43-TC-95,,TTY,,EXP)	(42-MO-0(P,X)43-TC-95,,TTY,,EOB)
A0287.015	(48-CD-111(P,N)49-IN-111,,TTY,,EXP)	(48-CD-0(P,X)49-IN-111,,TTY,,EOB)
A0287.016	(50-SN-122(P,N)51-SB-122,,TTY,,EXP)	(50-SN-0(P,X)51-SB-122,,TTY,,EOB)
A0287.017	(51-SB-121(P,N)52-TE-121,,TTY,,EXP)	(51-SB-0(P,X)52-TE-121,,TTY,,EOB)
A0287.018	(52-TE-130(P,N)53-I-130,,TTY,,EXP)	(52-TE-0(P,X)53-I-130,,TTY,,EOB)
A0287.019	(82-PB-206(P,N)83-BI-206,,TTY,,EXP)	(82-PB-0(P,X)83-BI-206,,TTY,,EOB)
A0294.002.1	(40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY))	(40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY))
A0294.002.2	(40-ZR-0(P,X)39-Y-88,,TTY,,(PHY))	(40-ZR-0(P,X)39-Y-88,,TTY,,(PHY))
A0294.002.3	(40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY))
A0294.002.4	(40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY))
A0294.002.5	(40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY))
A0294.002.6	(40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY))
A0294.003.1	(40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY))	(40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY))
A0294.003.2	(40-ZR-0(D,X)39-Y-88,,TTY,,(PHY))	(40-ZR-0(D,X)39-Y-88,,TTY,,(PHY))
A0294.003.3	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))
A0294.003.4	(40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY))	(40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY))
A0294.003.5	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))
A0294.003.6	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))
A0294.003.7	(40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY))
A0294.004.1	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))
A0294.004.2	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))
A0294.004.3	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))
A0294.005.1	(41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY))	(41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY))
A0294.005.2	(41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY))	(41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY))
A0294.006.1	(41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY))	(41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY))
A0294.006.2	(41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY))	(41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY))
A0294.007.1	(41-NB-93(A,X)41-NB-92-M,,TTY,,(PHY))	(41-NB-93(A,X)41-NB-92-M,,TTY,,(PHY))
A0294.007.2	(41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY))	(41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY))
A0294.007.3	(41-NB-93(A,X)43-TC-96,,TTY,,(PHY))	(41-NB-93(A,X)43-TC-96,,TTY,,(PHY))
A0294.008	(73-TA-181(P,N)74-W-181,,TTY,,(PHY))	(73-TA-181(P,N)74-W-181,,TTY,,(PHY))
A0294.009.1	(73-TA-181(D,P)73-TA-182-G,,TTY,,(PHY))	(73-TA-181(D,P)73-TA-182-G,,TTY,,(PHY))
A0294.009.2	(73-TA-181(D,2N)74-W-181,,TTY,,(PHY))	(73-TA-181(D,2N)74-W-181,,TTY,,(PHY))

A0294.010.1	(73-TA-181(A,2N)75-RE-183,,TTY,,(PHY))	(73-TA-181(A,2N)75-RE-183,,TTY,,(PHY))
A0294.010.2	(73-TA-181(A,N)75-RE-184-G,,TTY,,(PHY))	(73-TA-181(A,N)75-RE-184-G,,TTY,,(PHY))
A0294.011.1	(40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY))	(40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY))
A0294.011.2	(40-ZR-0(P,X)39-Y-88,,TTY,,(PHY))	(40-ZR-0(P,X)39-Y-88,,TTY,,(PHY))
A0294.011.3	(40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY))
A0294.011.4	(40-ZR-0(P,X)40-ZR-95,,TTY,,(PHY))	(40-ZR-0(P,X)40-ZR-95,,TTY,,(PHY))
A0294.011.5	(40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY))
A0294.011.6	(40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY))
A0294.011.7	(40-ZR-0(P,X)41-NB-95-M,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-95-M,,TTY,,(PHY))
A0294.011.8	(40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY))	(40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY))
A0294.012.1	(40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY))	(40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY))
A0294.012.2	(40-ZR-0(D,X)39-Y-88,,TTY,,(PHY))	(40-ZR-0(D,X)39-Y-88,,TTY,,(PHY))
A0294.012.3	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY))
A0294.012.4	(40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY))	(40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY))
A0294.012.5	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY))
A0294.012.6	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY))
A0294.012.7	(40-ZR-0(D,X)41-NB-95-M,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-95-M,,TTY,,(PHY))
A0294.012.8	(40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY))	(40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY))
A0294.013.1	(40-ZR-0(A,X)39-Y-88,,TTY,,(PHY))	(40-ZR-0(A,X)39-Y-88,,TTY,,(PHY))
A0294.013.2	(40-ZR-0(A,X)40-ZR-88,,TTY,,(PHY))	(40-ZR-0(A,X)40-ZR-88,,TTY,,(PHY))
A0294.013.3	(40-ZR-0(A,X)40-ZR-89-G,,TTY,,(PHY))	(40-ZR-0(A,X)40-ZR-89-G,,TTY,,(PHY))
A0294.013.4	(40-ZR-0(A,X)40-ZR-95,,TTY,,(PHY))	(40-ZR-0(A,X)40-ZR-95,,TTY,,(PHY))
A0294.013.5	(40-ZR-0(A,X)41-NB-91-M,,TTY,,(PHY))	(40-ZR-0(A,X)41-NB-91-M,,TTY,,(PHY))
A0294.013.6	(40-ZR-0(A,X)41-NB-92-M,,TTY,,(PHY))	(40-ZR-0(A,X)41-NB-92-M,,TTY,,(PHY))
A0294.013.7	(40-ZR-0(A,X)41-NB-95-M,,TTY,,(PHY))	(40-ZR-0(A,X)41-NB-95-M,,TTY,,(PHY))
A0294.013.8	(40-ZR-0(A,X)41-NB-95-G,,TTY,,(PHY))	(40-ZR-0(A,X)41-NB-95-G,,TTY,,(PHY))
A0294.013.9	(40-ZR-0(A,X)42-MO-99,,TTY,,(PHY))	(40-ZR-0(A,X)42-MO-99,,TTY,,(PHY))
A0294.014.1	(41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY))	(41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY))
A0294.014.2	(41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY))	(41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY))
A0294.015.1	(41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY))	(41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY))
A0294.015.2	(41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY))	(41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY))
A0294.015.3	(41-NB-93(D,X)41-NB-95-G,,TTY,,(PHY))	(41-NB-93(D,X)41-NB-95-G,,TTY,,(PHY))
A0294.016.1	(41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY))	(41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY))
A0294.016.2	(41-NB-93(A,X)43-TC-96-G,,TTY,,(PHY))	(41-NB-93(A,X)43-TC-96-G,,TTY,,(PHY))

A0294.017	(73-TA-181(P,N)74-W-181,,TTY,,(PHY))	(73-TA-181(P,N)74-W-181,,TTY,,(PHY))
A0294.018.1	(73-TA-181(D,P)73-TA-182,,TTY,,(PHY))	(73-TA-181(D,P)73-TA-182,,TTY,,(PHY))
A0294.018.2	(73-TA-181(D,2N)74-W-181,,TTY,,(PHY))	(73-TA-181(D,2N)74-W-181,,TTY,,(PHY))
A0294.019.1	(73-TA-181(A,2N)75-RE-183,,TTY,,(PHY))	(73-TA-181(A,2N)75-RE-183,,TTY,,(PHY))
A0294.019.2	(73-TA-181(A,N)75-RE-184,,TTY,,(PHY))	(73-TA-181(A,N)75-RE-184,,TTY,,(PHY))
A0294.019.3	(73-TA-181(A,N+2P)73-TA-182,,TTY,,(PHY))	(73-TA-181(A,N+2P)73-TA-182,,TTY,,(PHY))
A0294.019.4	(73-TA-181(A,2P)73-TA-183,,TTY,,(PHY))	(73-TA-181(A,2P)73-TA-183,,TTY,,(PHY))
A0299.014	(15-P-31(P,4P)12-MG-28,,TTY,,,CALC)	(15-P-31(P,4P)12-MG-28,,TTY,,(PHY),DERIV)
A0299.015	((17-CL-0(P,X)12-MG-28,,TTY,,,CALC)= (17-CL-35(P,2N+6P)12-MG-28,,TTY,,,CALC)+ (17-CL-37(P,4N+6P)12-MG-28,,TTY,,,CALC)))	(17-CL-0(P,X)12-MG-28,,TTY,,(PHY),DERIV)
A0299.016	(18-AR-0(P,X)12-MG-28,,TTY,,,CALC)	(18-AR-0(P,X)12-MG-28,,TTY,,(PHY),DERIV)
A0299.017	((16-S-0(P,X)12-MG-28,,TTY,,,CALC)= (16-S-32(P,5P)12-MG-28,,TTY,,,CALC))	((16-S-0(P,X)12-MG-28,,TTY,,(PHY),DERIV)= (16-S-32(P,5P)12-MG-28,,TTY,,(PHY),DERIV))
A0299.018	((19-K-0(P,X)12-MG-28,,TTY,,,CALC)= (19-K-39(P,4N+8P)12-MG-28,,TTY,,,CALC))	((19-K-0(P,X)12-MG-28,,TTY,,(PHY),DERIV)= (19-K-39(P,4N+8P)12-MG-28,,TTY,,(PHY),DERIV))
A0313.003	(7-N-15(P,N)8-O-15,IND,TTY,,,CALC)	(7-N-15(P,N)8-O-15,IND,TTY,,(PHY),CALC)
A0316.003	(7-N-14(D,N)8-O-15,,TTY,,,CALC)	(7-N-14(D,N)8-O-15,,TTY,,(PHY),CALC)
A0316.009	(8-O-16(P,N+P)8-O-15,,TTY,,,CALC)	(8-O-16(P,X)8-O-15,,TTY,,(PHY),CALC)
A0316.010	(7-N-14(D,N+A)6-C-11,,TTY,,,CALC)	(7-N-14(D,N+A)6-C-11,,TTY,,(PHY),CALC)
A0316.011	(7-N-14(D,X)7-N-13,,TTY,,,CALC)	(7-N-14(D,X)7-N-13,,TTY,,(PHY),CALC)
A0316.012	(7-N-15(P,X)7-N-13,,TTY,,,CALC)	(7-N-15(P,X)7-N-13,,TTY,,(PHY),CALC)
A0316.013	(7-N-15(P,N+A)6-C-11,,TTY,,,CALC)	(7-N-15(P,N+A)6-C-11,,TTY,,(PHY),CALC)
A0322.003	(93-NP-237(D,2N)94-PU-237,,TTY,,,CALC)	(93-NP-237(D,2N)94-PU-237,,TTY,,(PHY),CALC)
A0322.007	(93-NP-237(D,3N)94-PU-236,CUM,TTY,,,CALC)	(93-NP-237(D,3N)94-PU-236,CUM,TTY,,(PHY),CALC)
A0322.009	(93-NP-237(D,N)94-PU-238,CUM,TTY,,,CALC)	(93-NP-237(D,N)94-PU-238,CUM,TTY,,(PHY),CALC)
A0323.002	((5-B-0(8-O-18,X)12-MG-27,,TTY,,,EXP)= (5-B-11(8-O-18,N+P)12-MG-27,,TTY,,A,EXP))	(5-B-0(8-O-18,X)12-MG-27,,TTY,,PHY)
A0323.004	((16-S-0(8-O-18,X)23-V-47,,TTY,,,EXP)= (16-S-32(8-O-18,T)23-V-47,,TTY,,A,EXP))	(16-S-0(8-O-18,X)23-V-47,,TTY,,PHY)

A0326.002.1	(52-TE-122(A,3N)54-XE-123,,TTY,,EXP)	(52-TE-122(A,3N)54-XE-123,,TTY,,EOB)
A0326.002.2	(52-TE-122(A,2N+P)53-I-123,CUM,TTY,,EXP)	(52-TE-122(A,X)53-I-123,CUM,TTY,,EOB)
A0326.002.3	(52-TE-122(A,2N+P)53-I-123,IND,TTY,,EXP)	(52-TE-122(A,X)53-I-123,IND,TTY,,EOB)
A0326.002.4	((52-TE-122(A,P)53-I-125,,TTY,,EXP)/ (52-TE-122(A,2N+P)53-I-123,CUM,TTY,,EXP))	((52-TE-122(A,P)53-I-125,,TTY,,EOB)/ (52-TE-122(A,X)53-I-123,CUM,TTY,,EOB))
A0326.003.1	(52-TE-123(HE3,3N)54-XE-123,,TTY,,EXP)	(52-TE-123(HE3,3N)54-XE-123,,TTY,,EOB)
A0326.003.2	(52-TE-123(HE3,2N+P)53-I-123,CUM,TTY,,EXP)	(52-TE-123(HE3,X)53-I-123,CUM,TTY,,EOB)
A0326.003.3	(52-TE-123(HE3,2N+P)53-I-123,IND,TTY,,EXP)	(52-TE-123(HE3,X)53-I-123,IND,TTY,,EOB)
A0326.003.4	((52-TE-123(HE3,P)53-I-125,,TTY,,EXP)/ (52-TE-123(HE3,2N+P)53-I-123,CUM,TTY,,EXP))	((52-TE-123(HE3,P)53-I-125,,TTY,,EOB)/ (52-TE-123(HE3,X)53-I-123,CUM,TTY,,EOB))
A0326.004.1	(52-TE-124(HE3,4N)54-XE-123,,TTY,,EXP)	(52-TE-124(HE3,4N)54-XE-123,,TTY,,EOB)
A0326.004.2	(52-TE-124(HE3,3N+P)53-I-123,CUM,TTY,,EXP)	(52-TE-124(HE3,X)53-I-123,CUM,TTY,,EOB)
A0326.004.3	(52-TE-124(HE3,3N+P)53-I-123,,TTY,,EXP)	(52-TE-124(HE3,X)53-I-123,,TTY,,EOB)
A0326.004.4	((52-TE-124(HE3,N+P)53-I-125,,TTY,,EXP)/ (52-TE-124(HE3,3N+P)53-I-123,CUM,TTY,,EXP))	((52-TE-124(HE3,X)53-I-125,,TTY,,EOB)/ (52-TE-124(HE3,X)53-I-123,CUM,TTY,,EOB))
A0331.002	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)	(3-LI-0(D,X)4-BE-7,,TTY,,(PHY))
A0343.002	((2-HE-3(D,G)3-LI-5,PAR,TTY)/ (2-HE-3(D,P)2-HE-4,,TTY))	((2-HE-3(D,G)3-LI-5,PAR,TTY,,PHY)/ (2-HE-3(D,P)2-HE-4,,TTY,,PHY))
A0346.006	(33-AS-75(A,2N)35-BR-77-M,,TTY,,CALC)	(33-AS-75(A,2N)35-BR-77-M,,TTY,,(PHY),CALC)
A0346.007	(33-AS-75(A,2N)35-BR-77-G,,TTY,,CALC)	(33-AS-75(A,2N)35-BR-77-G,,TTY,,(PHY),CALC)
A0346.008	(33-AS-75(A,N)35-BR-78,,TTY,,CALC)	(33-AS-75(A,N)35-BR-78,,TTY,,(PHY),CALC)
A0356.002	((1-H-3(D,G)2-HE-5,,TTY,,EXP)/ (1-H-3(D,N)2-HE-4,,TTY,,EXP))	((1-H-3(D,G)2-HE-5,,TTY,,PHY)/ (1-H-3(D,N)2-HE-4,,TTY,,PHY))
A0360.002	(26-FE-54(D,N)27-CO-55,,TTY,,EXP)	(26-FE-54(D,N)27-CO-55,,TTY,,EOB)
A0360.003	(26-FE-56(D,N)27-CO-57,,TTY,,EXP)	(26-FE-56(D,N)27-CO-57,,TTY,,EOB)
A0360.004	(26-FE-56(D,2N)27-CO-56,,TTY,,EXP)	(26-FE-56(D,2N)27-CO-56,,TTY,,EOB)
A0360.005	(26-FE-54(D,A)25-MN-52,,TTY,,EXP)	(26-FE-54(D,A)25-MN-52,,TTY,,EOB)
A0360.006	(26-FE-0(D,X)25-MN-54,,TTY,,EXP)	(26-FE-0(D,X)25-MN-54,,TTY,,EOB)
A0360.007	(26-FE-54(D,N+A)25-MN-51,,TTY,,EXP)	(26-FE-54(D,X)24-CR-51,CUM,TTY,,EOB)

A0371.002	(3-LI-6(D,P)3-LI-7,PAR,TTY,,,EXP)	(3-LI-6(D,P)3-LI-7,PAR,TTY,,PHY)
A0382.003	(41-NB-93(A,3N)43-TC-94-G,,TTY,,,CALC)	(41-NB-93(A,3N)43-TC-94-G,,TTY,,EOB)
A0382.005	(41-NB-93(A,2N)43-TC-95-G,,TTY,,,CALC)	(41-NB-93(A,2N)43-TC-95-G,,TTY,,EOB)
A0382.006	(41-NB-93(A,2N)43-TC-95-M,,TTY,,,CALC)	(41-NB-93(A,2N)43-TC-95-M,,TTY,,EOB)
A0382.008	(41-NB-93(A,N)43-TC-96-G,,TTY,,,CALC)	(41-NB-93(A,N)43-TC-96-G,,TTY,,EOB)
A0382.010	(41-NB-93(A,N+A)41-NB-92-M,,TTY,,,CALC)	(41-NB-93(A,N+A)41-NB-92-M,,TTY,,EOB)
A0393.003	(17-CL-35(A,N)19-K-38,,TTY,,,EXP)	(17-CL-35(A,N)19-K-38,,TTY,,EOB)
A0393.005	(17-CL-35(A,N+A)17-CL-34-M,,TTY,,,EXP)	(17-CL-35(A,N+A)17-CL-34-M,,TTY,,EOB)
A0468.002.1	(24-CR-50(A,2N)26-FE-52-G,,TTY,,PHY)	(24-CR-50(A,2N)26-FE-52-G,,TTY,,EOB)
A0468.002.2	(24-CR-50(A,X)26-FE-55,,TTY,,PHY)	(24-CR-50(A,X)26-FE-55,,TTY,,EOB)
A0468.002.3	(24-CR-50(A,X)25-MN-52,,TTY,,PHY)	(24-CR-50(A,X)25-MN-52,,TTY,,EOB)
A0468.002.4	(24-CR-50(A,X)25-MN-54,,TTY,,PHY)	(24-CR-50(A,X)25-MN-54,,TTY,,EOB)
A0468.002.6	(24-CR-50(A,X)24-CR-49,,TTY,,PHY)	(24-CR-50(A,X)24-CR-49,,TTY,,EOB)
A0468.002.7	(24-CR-50(A,X)24-CR-51,,TTY,,PHY)	(24-CR-50(A,X)24-CR-51,,TTY,,EOB)
A0468.002.8	(24-CR-50(A,X)23-V-48,,TTY,,PHY)	(24-CR-50(A,X)23-V-48,,TTY,,EOB)
A0468.003	(24-CR-50(A,X)25-MN-56,,TTY,,PHY)	(24-CR-50(A,X)25-MN-56,,TTY,,EOB)
A0497.003.2	(25-MN-55(P,4N)26-FE-52,,TTY,,TM)	(25-MN-55(P,4N)26-FE-52,,TTY/DEN,,PHY)
A0497.004.2	(28-NI-58(P,X)26-FE-52,,TTY,,TM)	(28-NI-58(P,X)26-FE-52,,TTY/DEN,,PHY)
A0497.005	(25-MN-55(P,X)26-FE-52,,TTY,,PHY)	(25-MN-55(P,X)26-FE-52,,TTY,,PHY)
A0497.006	(25-MN-55(P,X)26-FE-55,,TTY,,PHY)	(25-MN-55(P,X)26-FE-55,,TTY,,PHY)
A0497.007	(28-NI-0(P,X)26-FE-52,,TTY,,PHY)	(28-NI-0(P,X)26-FE-52,,TTY,,PHY)
A0497.008.1	(28-NI-0(P,X)26-FE-55,,TTY,,PHY/MS)	(28-NI-0(P,X)26-FE-55,,TTY,,EOB)
A0497.008.2	(28-NI-0(P,X)26-FE-55,IND,TTY,,PHY)	(28-NI-0(P,X)26-FE-55,IND,TTY,,PHY)
A0497.009	(28-NI-0(P,X)26-FE-59,,TTY,,PHY)	(28-NI-0(P,X)26-FE-59,,TTY,,PHY)
A0569.002.2	(48-CD-113(P,3N)49-IN-111-G,,PY,,,CALC)	(48-CD-113(P,3N)49-IN-111,,TTY,,(PHY))
A0569.002.3	(48-CD-113(P,G)49-IN-114-M,,PY)	(48-CD-113(P,G)49-IN-114-M,,TTY,,(PHY))
A0569.003.2	(48-CD-114(P,4N)49-IN-111-G,,TTY,,DT)	(48-CD-114(P,4N)49-IN-111,,TTY,,(PHY))
A0569.003.4	(48-CD-114(P,N)49-IN-114-M,,TTY,,DT)	(48-CD-114(P,N)49-IN-114-M,,TTY,,(PHY))

A0569.004.2	(48-CD-0(P,X)49-IN-111-G,,TTY,,DT)	(48-CD-0(P,X)49-IN-111,,TTY,,(PHY))
A0569.004.4	(48-CD-0(P,X)49-IN-114-M,,TTY,,DT)	(48-CD-0(P,X)49-IN-114-M,,TTY,,(PHY))
A0641.002	(50-SN-0(P,X)51-SB-117,,TTY,,DT)	(50-SN-0(P,X)51-SB-117,,TTY,,(PHY))
A0641.003	(50-SN-0(P,X)51-SB-118-M,,TTY,,DT)	(50-SN-0(P,X)51-SB-118-M,,TTY,,(PHY))
A0641.004	(50-SN-0(P,X)51-SB-120-M,,TTY,,DT)	(50-SN-0(P,X)51-SB-120-M,,TTY,,(PHY))
A0641.005	(50-SN-0(P,X)51-SB-122-G,M+,TTY,,DT)	(50-SN-0(P,X)51-SB-122,,TTY,,(PHY))
A0641.006	(50-SN-0(P,X)51-SB-124-G,M+,TTY,,DT)	(50-SN-0(P,X)51-SB-124-G,M+,TTY,,(PHY))
A0642.002	(30-ZN-66(D,N)31-GA-67,,TTY)	(30-ZN-66(D,N)31-GA-67,,TTY,,(PHY))
A0642.003	(30-ZN-66(D,2N)31-GA-66,,TTY)	(30-ZN-66(D,2N)31-GA-66,,TTY,,(PHY))
A0642.004	(30-ZN-67(D,2N)31-GA-67,,TTY)	(30-ZN-67(D,2N)31-GA-67,,TTY,,(PHY))
A0642.005	(30-ZN-67(D,3N)31-GA-66,,TTY)	(30-ZN-67(D,3N)31-GA-66,,TTY,,(PHY))
A0642.006	(30-ZN-68(D,3N)31-GA-67,,TTY)	(30-ZN-68(D,3N)31-GA-67,,TTY,,(PHY))
A0642.007	(30-ZN-0(D,N)31-GA-67,,TTY)	(30-ZN-0(D,N)31-GA-67,,TTY,,(PHY))
A0642.008	(30-ZN-0(D,X)31-GA-66,,TTY)	(30-ZN-0(D,X)31-GA-66,,TTY,,(PHY))
A0643.002	(54-XE-124(P,2P)53-I-123,CUM,TTY,,DT,EXP)	(54-XE-124(P,2P)53-I-123,CUM,TTY,,(PHY))
A0646.002	(64-GD-0(P,X)65-TB-155,IND,TTY,,EXP)	(64-GD-0(P,X)65-TB-155,,TTY,,PHY)
A0646.003	(64-GD-0(D,X)65-TB-155,IND,TTY,,EXP)	(64-GD-0(D,X)65-TB-155,,TTY,,PHY)
A0646.004	(64-GD-0(P,X)65-TB-156,IND,TTY,,EXP)	(64-GD-0(P,X)65-TB-156,,TTY,,PHY)
A0646.005	(64-GD-0(D,X)65-TB-156,IND,TTY,,EXP)	(64-GD-0(D,X)65-TB-156,,TTY,,PHY)
A0800.003	(51-SB-0(P,X)50-SN-117-M,,TTY,,DT)	(51-SB-0(P,X)50-SN-117-M,,TTY,,EOB)
A0888.002	(48-CD-0(A,X)50-SN-117-M,,TTY,,(PHY))	(48-CD-0(A,X)50-SN-117-M,,TTY,,EOB)
A0888.003	(48-CD-116(A,3N)50-SN-117-M,,TTY,,(PHY))	(48-CD-116(A,3N)50-SN-117-M,,TTY,,EOB)
A0918.002	(25-MN-55(P,4N)26-FE-52-G,,TTY,,DT)	(25-MN-55(P,4N)26-FE-52-G,,TTY,,EOB)
A0918.003	(27-CO-59(P,X)26-FE-52-G,,TTY,,DT)	(27-CO-59(P,X)26-FE-52-G,,TTY,,EOB)
A0918.004	(35-BR-0(P,X)36-KR-76,,TTY,,DT)	(35-BR-0(P,X)36-KR-76,,TTY,,EOB)
A0918.005	(35-BR-0(P,X)36-KR-77,,TTY,,DT)	(35-BR-0(P,X)36-KR-77,,TTY,,EOB)
A0918.006	(35-BR-0(P,X)36-KR-79,,TTY,,DT)	(35-BR-0(P,X)36-KR-79,,TTY,,EOB)

A0918.007	(37-RB-0(P,X)38-SR-82,,TTY,,DT)	(37-RB-0(P,X)38-SR-82,,TTY,,EOB)
A0918.008	(55-CS-133(P,X)56-BA-128,,TTY,,DT)	(55-CS-133(P,X)56-BA-128,,TTY,,EOB)
B0084.002.2	(42-MO-0(D,X)41-NB-90-G,M+,TTY,,DT,EXP)	(42-MO-0(D,X)41-NB-90,,TTY,,(PHY),DERIV)
B0084.003.1	(42-MO-0(D,X)41-NB-92-M,,TTY,,DT,EXP)	(42-MO-0(D,X)41-NB-92-M,,TTY,,(PHY),DERIV)
B0084.004.1	(42-MO-0(D,X)41-NB-95-G,,TTY,,DT,EXP)	(42-MO-0(D,X)41-NB-95-G,,TTY,,(PHY),DERIV)
B0084.004.2	(42-MO-0(D,X)41-NB-95-M,,TTY,,DT,EXP)	(42-MO-0(D,X)41-NB-95-M,,TTY,,(PHY),DERIV)
B0084.005.2	(42-MO-0(D,X)41-NB-96,,TTY,,DT,EXP)	(42-MO-0(D,X)41-NB-96,,TTY,,(PHY),DERIV)
B0084.006	(42-MO-0(D,X)43-TC-96-G,M+,TTY,,DT,EXP)	(42-MO-0(D,X)43-TC-96-G,M+,TTY,,PHY)
B0084.007	(42-MO-0(D,X)43-TC-95-M,IND,TTY,,DT,EXP)	(42-MO-0(D,X)43-TC-95-M,IND,TTY,,PHY)
B0084.008	(42-MO-0(D,X)42-MO-99,(CUM),TTY,,DT,EXP)	(42-MO-0(D,X)42-MO-99,(CUM),TTY,,PHY)
B0097.002.2	(30-ZN-0(A,X)31-GA-67,CUM,TTY,,DT,EXP)	(30-ZN-0(A,X)31-GA-67,CUM,TTY,,(PHY),DERIV)
B0097.003.2	(30-ZN-0(A,X)32-GE-68,,TTY,,DT,EXP)	(30-ZN-0(A,X)32-GE-68,,TTY,,(PHY),DERIV)
B0097.004.2	(47-AG-0(A,X)48-CD-109,CUM,TTY,,DT,EXP)	(47-AG-0(A,X)48-CD-109,CUM,TTY,,(PHY),DERIV)
B0097.005.2	(47-AG-0(A,X)49-IN-111-G,IND/M+,TTY,,DT,EXP)	(47-AG-0(A,X)49-IN-111,,TTY,,(PHY),DERIV)
B0098.002.2	(12-MG-0(P,X)11-NA-22,CUM,TTY,,DT,EXP)	(12-MG-0(P,X)11-NA-22,CUM,TTY,,(PHY))
B0098.002.3	(12-MG-0(P,X)11-NA-22,CUM,TTY,,DT,EXP)	(12-MG-0(P,X)11-NA-22,CUM,TTY,,(PHY),DERIV)
B0098.003.2	(27-CO-59(P,X)26-FE-55,CUM,TTY,,DT,EXP)	(27-CO-59(P,X)26-FE-55,CUM,TTY,,(PHY))
B0098.003.3	(27-CO-59(P,X)26-FE-55,CUM,TTY,,DT,EXP)	(27-CO-59(P,X)26-FE-55,CUM,TTY,,(PHY),DERIV)
B0098.004.2	(28-NI-0(P,X)27-CO-56,CUM,TTY,,DT,EXP)	(28-NI-0(P,X)27-CO-56,CUM,TTY,,(PHY),DERIV)
B0098.005.2	(28-NI-0(P,X)27-CO-57,CUM,TTY,,DT,EXP)	(28-NI-0(P,X)27-CO-57,CUM,TTY,,(PHY),DERIV)
B0098.006.2	(28-NI-0(P,X)27-CO-58-G,M+,TTY,,DT,EXP)	(28-NI-0(P,X)27-CO-58,,TTY,,(PHY),DERIV)
B0098.007.2	(73-TA-181(P,X)72-HF-175,CUM,TTY,,DT,EXP)	(73-TA-181(P,X)72-HF-175,CUM,TTY,,(PHY),DERIV)
B0098.008.2	(27-CO-59(P,X)27-CO-55,CUM,TTY,,DT,EXP)	(27-CO-59(P,X)27-CO-55,CUM,TTY,,(PHY),DERIV)
B0098.009.2	(27-CO-59(P,3N+P)27-CO-56,CUM,TTY,,DT,EXP)	(27-CO-59(P,X)27-CO-56,CUM,TTY,,(PHY),DERIV)
B0098.010.2	(27-CO-59(P,X)27-CO-57,CUM,TTY,,DT,EXP)	(27-CO-59(P,X)27-CO-57,CUM,TTY,,(PHY),DERIV)
B0098.011.2	(27-CO-59(P,X)27-CO-58-G,IND/M+,TTY,,DT,EXP)	(27-CO-59(P,X)27-CO-58,,TTY,,(PHY),DERIV)
B0098.012.2	(27-CO-59(P,4N)28-NI-56,,TTY,,DT,EXP)	(27-CO-59(P,4N)28-NI-56,,TTY,,(PHY),DERIV)
B0098.013.2	(27-CO-59(P,3N)28-NI-57,,TTY,,DT,EXP)	(27-CO-59(P,3N)28-NI-57,,TTY,,(PHY),DERIV)
B0098.014.2	(28-NI-0(P,X)27-CO-55,,TTY,,DT,EXP)	(28-NI-0(P,X)27-CO-55,CUM,TTY,,(PHY),DERIV)
B0098.015.2	(28-NI-0(P,X)28-NI-56,CUM,TTY,,DT,EXP)	(28-NI-0(P,X)28-NI-56,CUM,TTY,,(PHY),DERIV)
B0098.016.2	(28-NI-0(P,X)28-NI-57,CUM,TTY,,DT,EXP)	(28-NI-0(P,X)28-NI-57,CUM,TTY,,(PHY),DERIV)

B0103.002.2	(42-MO-0(D,X)42-MO-99,,TTY,,DT,EXP)	(42-MO-0(D,X)42-MO-99,,TTY,,(PHY),DERIV)
B0103.003.2	(42-MO-0(D,X)42-MO-101,,TTY,,DT,EXP)	(42-MO-0(D,X)42-MO-101,,TTY,,(PHY),DERIV)
B0109.013	(42-MO-0(D,X)ELEM/MASS,,TTY,,DT,CALC)	(42-MO-0(D,X)ELEM/MASS,,TTY,,(PHY),DERIV)
B0111.010	(37-RB-85(P,3N)38-SR-83-G,M+,TTY,,DT,CALC)	(37-RB-85(P,3N)38-SR-83,,TTY,,PHY,DERIV)
B0111.011	(37-RB-85(P,4N)38-SR-82,,TTY,,DT,CALC)	(37-RB-85(P,4N)38-SR-82,,TTY,,PHY,DERIV)
B0111.012	(37-RB-85(P,5N)38-SR-81,,TTY,,DT,CALC)	(37-RB-85(P,5N)38-SR-81,,TTY,,PHY,DERIV)
B0111.013	(37-RB-85(P,X)37-RB-81-M,,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-81-M,,TTY,,PHY,DERIV)
B0111.014	(37-RB-85(P,X)37-RB-81-G,,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-81-G,,TTY,,PHY,DERIV)
B0111.015	(37-RB-85(P,X)37-RB-83,IND,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-83,IND,TTY,,PHY,DERIV)
B0111.016	(37-RB-85(P,X)37-RB-82-M,IND,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-82-M,,TTY,IND,PHY,DERIV)
B0111.017	(37-RB-85(P,X)36-KR-79-G,IND/M+,TTY,,DT,CALC)	(37-RB-85(P,X)36-KR-79,IND,TTY,,PHY,DERIV)
B0111.018	(37-RB-85(P,X)37-RB-84-M,IND,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-84-M,,TTY,,PHY,DERIV)
B0111.019	(37-RB-85(P,X)37-RB-84-G,IND,TTY,,DT,CALC)	(37-RB-85(P,X)37-RB-84-G,M-,TTY,,PHY,DERIV)
B0128.002.2	(28-NI-0(A,X)29-CU-61,CUM,TTY,,DT,EXP)	(28-NI-0(A,X)29-CU-61,CUM,TTY,,EOB)
B0128.005.2	(28-NI-0(A,X)29-CU-60,CUM,TTY,,DT,EXP)	(28-NI-0(A,X)29-CU-60,CUM,TTY,,EOB)
B0135.002.2	(30-ZN-0(A,X)31-GA-68,,TTY,,DT,EXP)	(30-ZN-0(A,X)31-GA-68,,TTY,,EOB,DERIV)
B0135.003.2	(30-ZN-0(A,X)31-GA-67,,TTY,,DT,EXP)	(30-ZN-0(A,X)31-GA-67,CUM,TTY,,EOB,DERIV)
B0135.004.2	(30-ZN-0(A,X)31-GA-66,,TTY,,DT,EXP)	(30-ZN-0(A,X)31-GA-66,,TTY,(CUM),EOB,DERIV)
B0135.006.2	(30-ZN-0(A,X)32-GE-69,,TTY,,DT,EXP)	(30-ZN-0(A,X)32-GE-69,,TTY,,EOB,DERIV)
B0135.007.2	(30-ZN-0(A,X)32-GE-68,,TTY,,DT,EXP)	(30-ZN-0(A,X)32-GE-68,,TTY,,EOB,DERIV)
B0135.009.2	(30-ZN-0(A,X)32-GE-66,,TTY,,DT,EXP)	(30-ZN-0(A,X)32-GE-66,,TTY,,EOB,DERIV)
B0135.010.2	(30-ZN-0(A,X)30-ZN-65,,TTY,,DT,EXP)	(30-ZN-0(A,X)30-ZN-65,,TTY,,EOB,DERIV)
B0145.002	(20-CA-48(T,D)20-CA-49,,TTY,,DT,EXP)	(20-CA-48(T,D)20-CA-49,,TTY,,PHY)
B0151.002.2	(8-O-16(HE3,P)9-F-18,CUM,TTY,,EXP)	(8-O-16(HE3,P)9-F-18,CUM,TTY,,SAT)
B0160.003	(26-FE-0(HE3,X)27-CO-58-G,M+,TTY,,EXP)	(26-FE-0(HE3,X)27-CO-58,,TTY,,EOB)

B0161.002.1	(30-ZN-64(D,2P)29-CU-64,,TTY,,(A)/DT,EXP)	(30-ZN-0(D,2P)29-CU-64,,TTY,,EOB)
B0161.002.2	(30-ZN-0(D,X)29-CU-67,CUM,TTY,,(A)/DT,EXP)	(30-ZN-0(D,X)29-CU-67,CUM,TTY,,EOB)
B0163.002	(55-CS-133(D,2N)56-BA-133-M,,TTY,,DT,EXP)	(55-CS-133(D,2N)56-BA-133-M,,TTY,,EOB)
B0164.002.2	(28-NI-60(A,2N)30-ZN-62,,TTY,,DT,EXP)	(28-NI-0(A,2N)30-ZN-62,,TTY,,EOB/A)
B0165.002.2	(52-TE-0(HE3,X)54-XE-125-G,IND/M+,TTY,,DT,EXP)	(52-TE-0(HE3,X)54-XE-125,,TTY,,EOB)
B0165.003.2	(52-TE-0(A,X)54-XE-125-G,IND/M+,TTY,,DT,EXP)	(52-TE-0(A,X)54-XE-125,,TTY,,EOB)
B0165.004.1	(52-TE-0(HE3,X)54-XE-123,IND,TTY,,DT,EXP)	(52-TE-0(HE3,X)54-XE-123,,TTY,,EOB)
B0165.004.2	(52-TE-0(HE3,X)53-I-123,,TTY,,DT,EXP)	(52-TE-0(HE3,X)53-I-123,,TTY,,EOB)
B0165.004.3	(52-TE-0(HE3,X)53-I-130-G,IND/M+,TTY,,DT,EXP)	(52-TE-0(HE3,X)53-I-130-G,M+,TTY,,EOB)
B0167.004	(52-TE-123(P,N)53-I-123,,TTY,,DT,EXP)	(52-TE-123(P,N)53-I-123,,TTY,,EOB/FCT)
B0167.005	(52-TE-124(P,2N)53-I-123,,TTY,,DT,EXP)	(52-TE-124(P,2N)53-I-123,,TTY,,EOB/FCT)
B0169.002	(52-TE-124(P,2N)53-I-123,,TTY,,DT,EXP)	(52-TE-124(P,2N)53-I-123,,TTY,,EOB)
B0169.003	(52-TE-124(P,N)53-I-124,,TTY,,DT,EXP)	(52-TE-124(P,N)53-I-124,,TTY,,EOB)
B0171.012.2	(35-BR-0(P,X)36-KR-77,IND,TTY,,DT,DERIV)	(35-BR-0(P,X)36-KR-77,,TTY,(PHY),DERIV)
B0172.002.2	(79-AU-197(A,N)81-TL-200,,TTY,,DT,EXP)	(79-AU-197(A,N)81-TL-200,,TTY,,(PHY),DERIV)
B0172.003.2	(79-AU-197(A,2N)81-TL-199,,TTY,,DT,EXP)	(79-AU-197(A,2N)81-TL-199,,TTY,,(PHY),DERIV)
B0172.004.2	(79-AU-197(A,3N)81-TL-198-G,,TTY,,DT,EXP)	(79-AU-197(A,3N)81-TL-198-G,,TTY,,(PHY),DERIV)
B0172.004.4	(79-AU-197(A,3N)81-TL-198-M,,TTY,,DT,EXP)	(79-AU-197(A,3N)81-TL-198-M,,TTY,,(PHY),DERIV)
B0174.002.2	(13-AL-27(A,X)11-NA-24,CUM,TTY,,DT,EXP)	(13-AL-27(A,X)11-NA-24,CUM,TTY,,EOB,DERIV)
B0174.003.2	(13-AL-27(A,X)11-NA-22,CUM,TTY,,DT,EXP)	(13-AL-27(A,X)11-NA-22,CUM,TTY,,EOB,DERIV)
B0174.004.2	(13-AL-27(A,X)4-BE-7,,TTY,,DT,EXP)	(13-AL-27(A,X)4-BE-7,,TTY,,EOB,DERIV)
B0174.008.2	(13-AL-27(A,3P)12-MG-28,,TTY,,DT,EXP)	(13-AL-27(A,3P)12-MG-28,,TTY,,EOB,DERIV)
B0175.002	(53-I-127(P,X)53-I-123,CUM,TTY,,DT,EXP)	(53-I-127(P,X)53-I-123,CUM,TTY,,EOB)
B0175.003	(29-CU-63(P,2N)30-ZN-62,,TTY,,DT,EXP)	(29-CU-63(P,2N)30-ZN-62,,TTY,,EOB)
B0175.004	(8-O-16(P,X)7-N-13,,TTY,,DT,EXP)	(8-O-16(P,X)7-N-13,,TTY,,EOB)

B0176.002	(10-NE-20(D,A)9-F-18,,TTY,,DT,EXP)	(10-NE-20(D,A)9-F-18,,TTY,,EOB)
B0178.002.2	(25-MN-55(HE3,3N)27-CO-55,,TTY,,DT,EXP)	(25-MN-55(HE3,3N)27-CO-55,,TTY,,PHY,DERIV)
B0178.003.2	(25-MN-55(HE3,2N)27-CO-56,,TTY,,DT,EXP)	(25-MN-55(HE3,2N)27-CO-56,,TTY,,PHY,DERIV)
B0178.004.2	(25-MN-55(HE3,N)27-CO-57,,TTY,,DT,EXP)	(25-MN-55(HE3,N)27-CO-57,,TTY,,PHY,DERIV)
C0068.004	(42-MO-0(P,X)43-TC-99-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-99-M,,TTY,,(PHY))
C0068.005	(42-MO-0(P,X)42-MO-99,,TTY,,DT)	(42-MO-0(P,X)42-MO-99,,TTY,,(PHY))
C0068.007.1	(42-MO-0(P,X)43-TC-93,,TTY,,DT)	(42-MO-0(P,X)43-TC-93,,TTY,,(PHY))
C0068.007.2	(42-MO-0(P,X)43-TC-94,,TTY,,DT)	(42-MO-0(P,X)43-TC-94,,TTY,,(PHY))
C0068.009.1	(42-MO-0(P,X)43-TC-95,,TTY,,DT)	(42-MO-0(P,X)43-TC-95,,TTY,,(PHY))
C0068.009.2	(42-MO-0(P,X)43-TC-95-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-95-M,,TTY,,(PHY))
C0068.011	(42-MO-0(P,X)43-TC-96,,TTY,,DT)	(42-MO-0(P,X)43-TC-96,,TTY,,(PHY))
C0068.013.1	(42-MO-0(P,X)42-MO-90,,TTY,,DT)	(42-MO-0(P,X)42-MO-90,,TTY,,(PHY))
C0068.013.2	(42-MO-0(P,X)42-MO-93-M,,TTY,,DT)	(42-MO-0(P,X)42-MO-93-M,,TTY,,(PHY))
C0068.014.1	(42-MO-0(P,X)41-NB-90,,TTY,,DT)	(42-MO-0(P,X)41-NB-90,,TTY,,(PHY))
C0068.014.2	(42-MO-0(P,X)41-NB-92-M,,TTY,,DT)	(42-MO-0(P,X)41-NB-92-M,,TTY,,(PHY))
C0068.015	(42-MO-0(P,X)41-NB-95-G,M+,TTY,,DT)	(42-MO-0(P,X)41-NB-95-G,M+,TTY,,(PHY))
C0068.016.1	(42-MO-0(P,X)40-ZR-86,,TTY,,DT)	(42-MO-0(P,X)40-ZR-86,,TTY,,(PHY))
C0068.016.2	(42-MO-0(P,X)40-ZR-88,,TTY,,DT)	(42-MO-0(P,X)40-ZR-88,,TTY,,(PHY))
C0068.017	(42-MO-0(P,X)40-ZR-89,,TTY,,DT)	(42-MO-0(P,X)40-ZR-89,,TTY,,(PHY))
C0068.018.1	(42-MO-0(P,X)39-Y-87,,TTY,,DT)	(42-MO-0(P,X)39-Y-87,,TTY,,(PHY))
C0068.018.2	(42-MO-0(P,X)39-Y-87-M,,TTY,,DT)	(42-MO-0(P,X)39-Y-87-M,,TTY,,(PHY))
C0094.003	(51-SB-0(P,X)52-TE-118,,TTY,,DT)	(51-SB-0(P,X)52-TE-118,,TTY,,(PHY))
C0094.005	(51-SB-0(P,X)52-TE-117,,TTY,,DT)	(51-SB-0(P,X)52-TE-117,,TTY,,(PHY))
C0094.007.1	(51-SB-0(P,X)52-TE-119-G,,TTY,,DT)	(51-SB-0(P,X)52-TE-119-G,,TTY,,(PHY))
C0094.007.2	(51-SB-0(P,X)52-TE-119-M,,TTY,,DT)	(51-SB-0(P,X)52-TE-119-M,,TTY,,(PHY))
C0094.009.1	(51-SB-0(P,X)52-TE-121-G,,TTY,,DT)	(51-SB-0(P,X)52-TE-121-G,,TTY,,(PHY))
C0094.009.2	(51-SB-0(P,X)52-TE-121-M,,TTY,,DT)	(51-SB-0(P,X)52-TE-121-M,,TTY,,(PHY))
C0095.003	((12-MG-0(P,X)9-F-18,,TTY,,DT)+ (8-O-18(P,N)9-F-18,,TTY,,DT))	((12-MG-OXI(P,X)9-F-18,,TTY,,(PHY))

C0095.005	(12-MG-0(P,X)11-NA-24,,TTY,,DT)	(12-MG-0(P,X)11-NA-24,,TTY,,(PHY))
C0095.007	(12-MG-0(P,X)11-NA-22,,TTY,,DT)	(12-MG-0(P,X)11-NA-22,,TTY,,(PHY))
C0095.009	((12-MG-0(P,X)4-BE-7,,TTY,,DT)+ (8-O-0(P,X)4-BE-7,,TTY,,DT))	(12-MG-OXI(P,X)4-BE-7,,TTY,,(PHY))
C0096.003	(11-NA-23(P,X)9-F-18,,TTY,,DT)	(11-NA-23(P,X)9-F-18,,TTY,,(PHY))
C0186.002.1	(82-PB-0(P,X)82-PB-201,,TTY,,DT)	(82-PB-0(P,X)82-PB-201,,TTY,,PHY)
C0186.002.2	(82-PB-0(P,X)82-PB-200,,TTY,,DT)	(82-PB-0(P,X)82-PB-200,,TTY,,PHY)
C0186.002.3	(82-PB-0(P,X)81-TL-201,,TTY,,DT)	(82-PB-0(P,X)81-TL-201,,TTY,,PHY)
C0186.002.4	(82-PB-0(P,X)81-TL-200,,TTY,,DT)	(82-PB-0(P,X)81-TL-200,,TTY,,PHY)
C0187.004.1	(27-CO-59(P,X)27-CO-57,CUM,TTY,,DT)	(27-CO-59(P,X)27-CO-57,CUM,TTY,,PHY)
C0187.004.2	(27-CO-59(P,3N)28-NI-57,,TTY,,DT)	(27-CO-59(P,3N)28-NI-57,,TTY,,EOB)
C0188.005.1	(45-RH-103(P,X)45-RH-101-M,,TTY,,DT)	(45-RH-103(P,X)45-RH-101-M,,TTY,,EOB)
C0188.005.2	(45-RH-103(P,X)45-RH-100,,TTY,,DT)	(45-RH-103(P,X)45-RH-100,,TTY,,EOB)
C0188.005.3	(45-RH-103(P,X)45-RH-101,,TTY,,DT)	(45-RH-103(P,X)45-RH-101,,TTY,,EOB)
C0188.006.1	(45-RH-103(P,3N)46-PD-101,,TTY,,DT)	(45-RH-103(P,3N)46-PD-101,,TTY,,EOB)
C0188.006.2	(45-RH-103(P,4N)46-PD-100,,TTY,,DT)	(45-RH-103(P,4N)46-PD-100,,TTY,,EOB)
C0194.002.1	(45-RH-103(P,X)44-RU-97,,TTY,,DT)	(45-RH-103(P,X)44-RU-97,,TTY,,(PHY))
C0202.003	(8-O-16(P,A)7-N-13,,TTY,,DERIV)	(8-O-16(P,A)7-N-13,,TTY,,(SAT),DERIV)
C0202.005	(7-N-14(P,N+P)7-N-13,,TTY,,DERIV)	(7-N-14(P,X)7-N-13,,TTY,,(SAT),DERIV)
C0519.005	(5-B-11(A,N)7-N-14,,TTY,,REL)	(5-B-11(A,N)7-N-14,,TTY,,PHY)
C0519.006	(5-B-11(A,N)7-N-14,,TTY,,REL)	(5-B-11(A,N)7-N-14,,TTY,,PHY)
C0771.002	(5-B-11(P,N)6-C-11,,TTY)	(5-B-11(P,N)6-C-11,,TTY,,SAT)
C0771.003	(8-O-18(P,N)9-F-18,,TTY)	(8-O-18(P,N)9-F-18,,TTY,,SAT)
C0910.008	(8-O-16(A,G)10-NE-20,,TTY,,REL)	(8-O-16(A,G)10-NE-20,,TTY,,PHY)
C0910.009	(8-O-16(A,G)10-NE-20,,TTY,,REL)	(8-O-16(A,G)10-NE-20,,TTY,,PHY)

C0910.010	(8-O-16(A,G)10-NE-20,,TTY,,REL)	(8-O-16(A,G)10-NE-20,,TTY,,PHY)
C0910.011	(8-O-16(A,G)10-NE-20,,TTY,,REL)	(8-O-16(A,G)10-NE-20,,TTY,,PHY)
C0910.012	(8-O-16(A,G)10-NE-20,PAR,TTY,,REL)	(8-O-16(A,G)10-NE-20,PAR,TTY,,PHY)
C0946.002	(6-C-12(D,N)7-N-13,,TTY)	(6-C-12(D,N)7-N-13,,TTY,,SAT)
C0961.003	(92-U-238(P,F)42-MO-99,CUM,TTY,,DT)	(92-U-238(P,F)42-MO-99,CUM,TTY,,EOB)
C0963.003	(42-MO-100(P,X)43-TC-99-M,CUM,TTY,,DT)	(42-MO-100(P,X)43-TC-99-M,CUM,TTY,,EOB)
C0967.002.2	(53-I-127(P,X)54-XE-121,,TTY,,DT)	(53-I-127(P,X)54-XE-121,,TTY,,(PHY))
C0967.003.2	(53-I-127(P,X)54-XE-122,,TTY,,DT)	(53-I-127(P,X)54-XE-122,,TTY,,(PHY))
C0967.004.2	(53-I-127(P,X)54-XE-123,,TTY,,DT)	(53-I-127(P,X)54-XE-123,,TTY,,(PHY))
C0967.005.2	(53-I-127(P,X)54-XE-125,,TTY,,DT)	(53-I-127(P,X)54-XE-125,,TTY,,(PHY))
C0967.006.2	(53-I-127(P,X)54-XE-127,,TTY,,DT)	(53-I-127(P,X)54-XE-127,,TTY,,(PHY))
C0968.002.1	(55-CS-133(P,X)55-CS-129,,TTY,,DT)	(55-CS-133(P,X)55-CS-129,,TTY,,EOB)
C0968.003.1	(55-CS-133(P,X)55-CS-132,,TTY,,DT)	(55-CS-133(P,X)55-CS-132,,TTY,,EOB)
C0968.004.1	(55-CS-133(P,X)56-BA-128,,TTY,,DT)	(55-CS-133(P,X)56-BA-128,,TTY,,EOB)
C0968.005.1	(55-CS-133(P,X)56-BA-131,,TTY,,DT)	(55-CS-133(P,X)56-BA-131,,TTY,,EOB)
C1183.002	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)	(3-LI-0(D,X)4-BE-7,,TTY,,EOB)
C1183.003	(12-MG-0(D,X)11-NA-22,,TTY,,PHY)	(12-MG-0(D,X)11-NA-22,,TTY,,EOB)
C1183.004	(22-TI-0(D,X)23-V-48,,TTY,,PHY)	(22-TI-0(D,X)23-V-48,,TTY,,EOB)
C1183.005	(24-CR-0(D,X)25-MN-52,,TTY,,PHY)	(24-CR-0(D,X)25-MN-52,,TTY,,EOB)
C1183.006	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)	(26-FE-0(D,X)25-MN-54,,TTY,,EOB)
C1183.007	(24-CR-54(P,X)25-MN-54,,TTY,,PHY)	(24-CR-54(P,X)25-MN-54,,TTY,,EOB)
C1183.008	(25-MN-55(D,X)26-FE-55,,TTY,,PHY)	(25-MN-55(D,X)26-FE-55,,TTY,,EOB)
C1183.009	(26-FE-0(D,X)27-CO-57,,TTY,,PHY)	(26-FE-0(D,X)27-CO-57,,TTY,,EOB)
C1183.010	(29-CU-0(P,X)30-ZN-65,,TTY,,PHY)	(29-CU-0(P,X)30-ZN-65,,TTY,,EOB)
C1183.011	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY)	(30-ZN-0(D,X)31-GA-67,,TTY,,EOB)
C1183.012	(32-GE-0(D,X)33-AS-74,,TTY,,PHY)	(32-GE-0(D,X)33-AS-74,,TTY,,EOB)
C1183.013	(37-RB-0(D,X)38-SR-85,,TTY,,PHY)	(37-RB-0(D,X)38-SR-85,,TTY,,EOB)
C1183.014	(38-SR-0(P,X)39-Y-88,,TTY,,PHY)	(38-SR-0(P,X)39-Y-88,,TTY,,EOB)

C1183.015	(47-AG-0(D,X)48-CD-109,,TTY,,PHY)	(47-AG-0(D,X)48-CD-109,,TTY,,EOB)
C1183.016	(48-CD-0(D,X)49-IN-111,,TTY,,PHY)	(48-CD-0(D,X)49-IN-111,,TTY,,EOB)
C1183.017	(57-LA-0(D,X)58-CE-139,,TTY,,PHY)	(57-LA-0(D,X)58-CE-139,,TTY,,EOB)
C1183.018	(73-TA-0(D,X)74-W-181,,TTY,,PHY)	(73-TA-0(D,X)74-W-181,,TTY,,EOB)
C1183.019	(82-PB-0(P,X)83-BI-207,,TTY,,PHY)	(82-PB-0(P,X)83-BI-207,,TTY,,EOB)
C1183.020	(3-LI-0(P,X)4-BE-7,,TTY,,PHY)	(3-LI-0(P,X)4-BE-7,,TTY,,EOB)
C1183.021	(22-TI-0(P,X)23-V-48,,TTY,,PHY)	(22-TI-0(P,X)23-V-48,,TTY,,EOB)
C1183.022	(24-CR-0(P,X)25-MN-52,,TTY,,PHY)	(24-CR-0(P,X)25-MN-52,,TTY,,EOB)
C1183.023	(24-CR-0(P,X)25-MN-54,,TTY,,PHY)	(24-CR-0(P,X)25-MN-54,,TTY,,EOB)
C1183.024	(25-MN-55(P,X)26-FE-55,,TTY,,PHY)	(25-MN-55(P,X)26-FE-55,,TTY,,EOB)
C1183.025	(28-NI-0(P,X)27-CO-57,,TTY,,PHY)	(28-NI-0(P,X)27-CO-57,,TTY,,EOB)
C1183.026	(32-GE-0(P,X)33-AS-74,,TTY,,PHY)	(32-GE-0(P,X)33-AS-74,,TTY,,EOB)
C1183.027	(37-RB-0(P,X)38-SR-85,,TTY,,PHY)	(37-RB-0(P,X)38-SR-85,,TTY,,EOB)
C1183.028	(57-LA-0(P,X)58-CE-139,,TTY,,PHY)	(57-LA-0(P,X)58-CE-139,,TTY,,EOB)
C1184.002	((1-H-1(11-NA-21,G)12-MG-22,,TTY,,REL)= (11-NA-21(P,G)12-MG-22,,TTY,,REL))	((1-H-1(11-NA-21,G)12-MG-22,,TTY,,PHY)= (11-NA-21(P,G)12-MG-22,,TTY,,PHY))
C1437.002	(10-NE-20(P,A)9-F-17,,TTY)	(10-NE-20(P,A)9-F-17,,TTY,,SAT)
C1437.003	(8-O-16(D,N)9-F-17,,TTY)	(8-O-16(D,N)9-F-17,,TTY,,SAT)
C1462.002	(52-TE-124(P,N)53-I-124,,TTY,,DT)	(52-TE-124(P,N)53-I-124,,TTY,,EOB)
C1517.002	(52-TE-124(P,N)53-I-124,,TTY,,DT)	(52-TE-124(P,N)53-I-124,,TTY,,EOB)
C1533.002	(21-SC-45(P,N)22-TI-45,,TTY,,DT)	(21-SC-45(P,N)22-TI-45,,TTY,,EOB)
C1590.002	(38-SR-86(P,N)39-Y-86,,TTY)	(38-SR-86(P,N)39-Y-86,,TTY,,EOB)
C1596.003	(45-RH-103(P,N)46-PD-103,,TTY,,DT)	(45-RH-103(P,N)46-PD-103,,TTY,,(PHY))
C1596.004	(45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV)	(45-RH-103(P,N)46-PD-103,,TTY,,(PHY),DERIV)
C1600.003	(28-NI-64(P,N)29-CU-64,,TTY,,DERIV)	(28-NI-64(P,N)29-CU-64,,TTY,,SAT,DERIV)
C1600.004	(28-NI-64(P,N)29-CU-64,,TTY)	(28-NI-64(P,N)29-CU-64,,TTY,,SAT)

C1940.002.1	(20-CA-0(P,X)21-SC-43,,TTY)	(20-CA-0(P,X)21-SC-43,,TTY,,SAT)
C1940.002.2	(20-CA-0(P,X)21-SC-43,,TTY,,DT)	(20-CA-0(P,X)21-SC-43,,TTY,,EOB)
C1940.003.1	(20-CA-0(P,X)21-SC-44-G,,TTY)	(20-CA-0(P,X)21-SC-44-G,,TTY,,SAT)
C1940.003.2	(20-CA-0(P,X)21-SC-44-G,,TTY,,DT)	(20-CA-0(P,X)21-SC-44-G,,TTY,,EOB)
C1940.004.1	(20-CA-0(P,X)21-SC-44-M,,TTY)	(20-CA-0(P,X)21-SC-44-M,,TTY,,SAT)
C1940.004.2	(20-CA-0(P,X)21-SC-44-M,,TTY,,DT)	(20-CA-0(P,X)21-SC-44-M,,TTY,,EOB)
C1940.005.1	(20-CA-0(P,X)21-SC-47,,TTY)	(20-CA-0(P,X)21-SC-47,,TTY,,SAT)
C1940.005.2	(20-CA-0(P,X)21-SC-47,,TTY,,DT)	(20-CA-0(P,X)21-SC-47,,TTY,,EOB)
C1940.006.1	(20-CA-0(P,X)21-SC-48,,TTY)	(20-CA-0(P,X)21-SC-48,,TTY,,SAT)
C1940.006.2	(20-CA-0(P,X)21-SC-48,,TTY,,DT)	(20-CA-0(P,X)21-SC-48,,TTY,,EOB)
C1954.002	(38-SR-0(P,X)39-Y-86,,TTY,,(PHY))	(38-SR-0(P,X)39-Y-86,,TTY,,EOB)
C1954.003	(38-SR-88(P,3N)39-Y-86,,TTY,,(PHY))	(38-SR-88(P,3N)39-Y-86,,TTY,,EOB)
C2147.002	(74-W-0(P,X)75-RE-181,,TTY,,PHY)	(74-W-0(P,X)75-RE-181,,TTY,,EOB)
C2147.003	(74-W-0(P,X)75-RE-182-M,,TTY,,PHY)	(74-W-0(P,X)75-RE-182-M,,TTY,,EOB)
C2147.004	(74-W-0(P,X)75-RE-182-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-182-G,,TTY,,EOB)
C2147.005	(74-W-0(P,X)75-RE-183,,TTY,,PHY)	(74-W-0(P,X)75-RE-183,,TTY,,EOB)
C2147.006	(74-W-0(P,X)75-RE-184-G,M+,TTY,,PHY)	(74-W-0(P,X)75-RE-184-G,M+,TTY,,EOB)
C2147.007	(74-W-0(P,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-186-G,,TTY,,EOB)
D0042.004.2	(45-RH-103(A,2N)47-AG-105-G,,TTY,,DT)	(45-RH-103(A,2N)47-AG-105-G,,TTY,,PHY)
D0042.005.2	(45-RH-103(A,N)47-AG-106-M,,TTY,,DT)	(45-RH-103(A,N)47-AG-106-M,,TTY,,PHY)
D0046.004.2	(39-Y-89(A,2N+A)39-Y-87-G,,TTY,,DT)	(39-Y-89(A,2N+A)39-Y-87-G,,TTY,,PHY)
D0085.002	(32-GE-70(A,N)34-SE-73,,TTY,,DT)	(32-GE-70(A,N)34-SE-73,,TTY,,EOB)
D0089.004	(30-ZN-0(P,X)31-GA-66,,TTY,,DT)	(30-ZN-0(P,X)31-GA-66,,TTY,,EOB)
D0089.005	(30-ZN-0(P,X)31-GA-67,,TTY,,DT)	(30-ZN-0(P,X)31-GA-67,,TTY,,EOB)
D0093.003	(52-TE-123(P,N)53-I-123,,TTY,,DT)	(52-TE-123(P,N)53-I-123,,TTY,,EOB)

D0112.002	(10-NE-20(D,A)9-F-18,,TTY,,DT)	(10-NE-20(D,A)9-F-18,,TTY,,EOB)
D0112.003	(18-AR-40(A,P)19-K-43,,TTY,,DT)	(18-AR-40(A,P)19-K-43,,TTY,,EOB)
D0114.002	(81-TL-0(P,X)82-PB-200,,TTY,,TM)	(81-TL-0(P,X)82-PB-200,,TTY/DEN,,PHY)
D0114.003	(81-TL-0(P,X)82-PB-201,,TTY,,TM)	(81-TL-0(P,X)82-PB-201,,TTY/DEN,,PHY)
D0114.004	(81-TL-0(P,X)81-TL-202,,TTY,,TM)	(81-TL-0(P,X)81-TL-202,,TTY/DEN,,PHY)
D0114.005	(81-TL-0(P,X)82-PB-203,,TTY,,TM)	(81-TL-0(P,X)82-PB-203,,TTY/DEN,,PHY)
D0114.006	(81-TL-203(P,X)82-PB-200,,TTY,,TM)	(81-TL-203(P,X)82-PB-200,,TTY/DEN,,PHY)
D0114.007	(81-TL-203(P,X)82-PB-201,,TTY,,TM)	(81-TL-203(P,X)82-PB-201,,TTY/DEN,,PHY)
D0114.008	(81-TL-203(P,X)82-PB-202-M,,TTY,,TM)	(81-TL-203(P,X)82-PB-202-M,,TTY/DEN,,PHY)
D0114.009	(81-TL-203(P,X)82-PB-203,,TTY,,TM)	(81-TL-203(P,X)82-PB-203,,TTY/DEN,,PHY)
D0114.010	(80-HG-202(P,X)81-TL-199,,TTY,,TM)	(80-HG-202(P,X)81-TL-199,,TTY/DEN,,PHY)
D0114.011	(80-HG-202(P,X)81-TL-200,,TTY,,TM)	(80-HG-202(P,X)81-TL-200,,TTY/DEN,,PHY)
D0114.012	(80-HG-202(P,X)81-TL-201,,TTY,,TM)	(80-HG-202(P,X)81-TL-201,,TTY/DEN,,PHY)
D0114.013	(80-HG-202(P,X)81-TL-202,,TTY,,TM)	(80-HG-202(P,X)81-TL-202,,TTY/DEN,,PHY)
D0115.002	(36-KR-0(P,X)37-RB-79,,TTY,,TM)	(36-KR-0(P,X)37-RB-79,,TTY/DEN,,(PHY))
D0115.003	(36-KR-0(P,X)37-RB-81-M,,TTY,,TM)	(36-KR-0(P,X)37-RB-81-M,,TTY/DEN,,(PHY))
D0115.004	(36-KR-0(P,X)37-RB-81,,TTY,,TM)	(36-KR-0(P,X)37-RB-81,,TTY/DEN,,(PHY))
D0115.005	(36-KR-0(P,X)37-RB-84-M,,TTY,,TM)	(36-KR-0(P,X)37-RB-84-M,,TTY/DEN,,(PHY))
D0115.006	(36-KR-0(P,X)37-RB-82-M,,TTY,,TM)	(36-KR-0(P,X)37-RB-82-M,,TTY/DEN,,(PHY))
D0115.007	(36-KR-0(P,X)37-RB-84,,TTY,,TM)	(36-KR-0(P,X)37-RB-84,,TTY/DEN,,(PHY))
D0115.008	(36-KR-0(P,X)37-RB-83,,TTY,,TM)	(36-KR-0(P,X)37-RB-83,,TTY/DEN,,(PHY))
D0115.009	(36-KR-0(P,X)37-RB-86,,TTY,,TM)	(36-KR-0(P,X)37-RB-86,,TTY/DEN,,(PHY))
D0119.003	(29-CU-63(A,N)31-GA-66,,TTY,,DT)	(29-CU-63(A,N)31-GA-66,,TTY,,(PHY))
D0148.002	(80-HG-0(D,X)81-TL-199,,TTY,,DT)	(80-HG-0(D,X)81-TL-199,,TTY,,EOB)
D0148.003	(80-HG-0(D,X)81-TL-200,,TTY,,DT)	(80-HG-0(D,X)81-TL-200,,TTY,,EOB)
D0148.004	(80-HG-0(D,X)81-TL-201,,TTY,,DT)	(80-HG-0(D,X)81-TL-201,,TTY,,EOB)
D0148.005	(80-HG-0(D,X)81-TL-202,,TTY,,DT)	(80-HG-0(D,X)81-TL-202,,TTY,,EOB)
D0148.006	(80-HG-0(P,X)81-TL-199,,TTY,,DT)	(80-HG-0(P,X)81-TL-199,,TTY,,EOB)
D0148.007	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,EOB)
D0148.008	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,EOB)

D0148.009	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,EOB)
D0148.010	(80-HG-0(P,X)81-TL-198-M,,TTY,,DT)	(80-HG-0(P,X)81-TL-198-M,,TTY,,EOB)
D0148.011	(80-HG-0(P,X)81-TL-198,,TTY,,DT)	(80-HG-0(P,X)81-TL-198,,TTY,,EOB)
D0148.012	(80-HG-0(P,X)81-TL-199,,TTY,,DT)	(80-HG-0(P,X)81-TL-199,,TTY,,EOB)
D0148.013	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,EOB)
D0148.014	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,EOB)
D0148.015	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,EOB)
D0163.002	(22-TI-0(P,X)21-SC-47,,TTY,,TM)	(22-TI-0(P,X)21-SC-47,,TTY/DEN,,PHY)
D0163.003	(22-TI-0(P,X)23-V-48,,TTY,,TM)	(22-TI-0(P,X)23-V-48,,TTY/DEN,,PHY)
D0163.004	(22-TI-0(P,X)21-SC-46,,TTY,,TM)	(22-TI-0(P,X)21-SC-46,,TTY/DEN,,PHY)
D0166.002	(47-AG-0(P,X)48-CD-107,,TTY,,TM)	(47-AG-0(P,X)48-CD-107,,TTY/DEN,,PHY)
D0166.003	(47-AG-0(P,X)48-CD-105,,TTY,,TM)	(47-AG-0(P,X)48-CD-105,,TTY/DEN,,PHY)
D0166.004	(47-AG-0(P,X)48-CD-104,,TTY,,TM)	(47-AG-0(P,X)48-CD-104,,TTY/DEN,,PHY)
D0166.005	(47-AG-0(P,X)48-CD-109,,TTY,,TM)	(47-AG-0(P,X)48-CD-109,,TTY/DEN,,PHY)
D0166.006	(47-AG-0(P,X)47-AG-105,,TTY,,TM)	(47-AG-0(P,X)47-AG-105,,TTY/DEN,,PHY)
D0166.007	(47-AG-0(P,X)47-AG-106-M,,TTY,,TM)	(47-AG-0(P,X)47-AG-106-M,,TTY/DEN,,PHY)
D0167.002	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,EOB)
D0167.003	(83-BI-209(A,3N)85-AT-210,,TTY,,DT)	(83-BI-209(A,3N)85-AT-210,,TTY,,EOB)
D0198.002	(80-HG-0(P,X)81-TL-199,,TTY,,TM)	(80-HG-0(P,X)81-TL-199,,TTY/DEN,,PHY)
D0198.003	(80-HG-0(P,X)81-TL-200,,TTY,,TM)	(80-HG-0(P,X)81-TL-200,,TTY/DEN,,PHY)
D0198.004	(80-HG-0(P,X)81-TL-201,,TTY,,TM)	(80-HG-0(P,X)81-TL-201,,TTY/DEN,,PHY)
D0198.005	(80-HG-0(P,X)81-TL-202,,TTY,,TM)	(80-HG-0(P,X)81-TL-202,,TTY/DEN,,PHY)
D0198.006	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,EOB)
D0198.007	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,EOB)
D0198.008	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,EOB)
D0206.002	(82-PB-0(P,X)83-BI-205,,TTY,,TM)	(82-PB-0(P,X)83-BI-205,,TTY/DEN,,PHY)
D0206.003	(82-PB-0(P,X)83-BI-206,,TTY,,TM)	(82-PB-0(P,X)83-BI-206,,TTY/DEN,,PHY)
D0209.002	(76-OS-0(A,X)78-PT-188,,TTY,,TM)	(76-OS-0(A,X)78-PT-188,,TTY/DEN,,PHY)

D0209.003	(76-OS-0(A,X)78-PT-189,,TTY,,TM)	(76-OS-0(A,X)78-PT-189,,TTY/DEN,,PHY)
D0209.004	(76-OS-0(A,X)78-PT-191,,TTY,,TM)	(76-OS-0(A,X)78-PT-191,,TTY/DEN,,PHY)
D0260.002	(29-CU-0(P,X)30-ZN-65,,TTY,,TM)	(29-CU-0(P,X)30-ZN-65,,TTY/DEN,,PHY)
D0260.003	(29-CU-0(P,X)27-CO-57,,TTY,,TM)	(29-CU-0(P,X)27-CO-57,,TTY/DEN,,PHY)
D0260.004	(29-CU-0(P,X)27-CO-58,,TTY,,TM)	(29-CU-0(P,X)27-CO-58,,TTY/DEN,,PHY)
D0260.005	(26-FE-0(P,X)27-CO-56,,TTY,,TM)	(26-FE-0(P,X)27-CO-56,,TTY/DEN,,PHY)
D0260.006	(26-FE-0(P,X)27-CO-57,,TTY,,TM)	(26-FE-0(P,X)27-CO-57,,TTY/DEN,,PHY)
D0260.007	(26-FE-0(P,X)25-MN-52,,TTY,,TM)	(26-FE-0(P,X)25-MN-52,,TTY/DEN,,PHY)
D0260.008	(26-FE-0(P,X)25-MN-54,,TTY,,TM)	(26-FE-0(P,X)25-MN-54,,TTY/DEN,,PHY)
D0260.009	(30-ZN-0(P,X)30-ZN-65,,TTY,,TM)	(30-ZN-0(P,X)30-ZN-65,,TTY/DEN,,PHY)
D0260.010	(30-ZN-0(P,X)31-GA-66,,TTY,,TM)	(30-ZN-0(P,X)31-GA-66,,TTY/DEN,,PHY)
D0260.011	(30-ZN-0(P,X)31-GA-67,,TTY,,TM)	(30-ZN-0(P,X)31-GA-67,,TTY/DEN,,PHY)
D0260.012	(23-V-0(P,X)23-V-48,,TTY,,TM)	(23-V-0(P,X)23-V-48,,TTY/DEN,,PHY)
D0260.013	(23-V-0(P,X)21-SC-47,,TTY,,TM)	(23-V-0(P,X)21-SC-47,,TTY/DEN,,PHY)
D0260.014	(23-V-0(P,X)21-SC-46,,TTY,,TM)	(23-V-0(P,X)21-SC-46,,TTY/DEN,,PHY)
D0260.015	(23-V-0(P,X)24-CR-51,,TTY,,TM)	(23-V-0(P,X)24-CR-51,,TTY/DEN,,PHY)
D0303.002	(28-NI-0(P,X)27-CO-55,IND,TTY,,DT)	(28-NI-0(P,X)27-CO-55,IND,TTY,,(PHY)/MSC)
D0303.003	(28-NI-0(P,X)27-CO-55,CUM,TTY,,DT)	
D0303.004	(28-NI-0(P,X)27-CO-56,IND,TTY,,DT)	(28-NI-0(P,X)27-CO-56,IND,TTY,,EOB)
D0303.005	(28-NI-0(P,X)27-CO-56,CUM,TTY,,DT)	
D0303.006	(28-NI-0(P,X)27-CO-57,IND,TTY,,DT)	(28-NI-0(P,X)27-CO-57,IND,TTY,,EOB)
D0303.007	(28-NI-0(P,X)27-CO-57,CUM,TTY,,DT)	
D0303.008	(28-NI-0(P,X)27-CO-58,IND,TTY,,DT)	(28-NI-0(P,X)27-CO-58,IND,TTY,,EOB)
D0303.009	(28-NI-0(P,X)27-CO-58,CUM,TTY,,DT)	
D0303.010	(28-NI-0(P,X)28-NI-56,IND,TTY,,DT)	(28-NI-0(P,X)28-NI-56,IND,TTY,,EOB)
D0303.011	(28-NI-0(P,X)28-NI-56,CUM,TTY,,DT)	
D0303.012	(28-NI-0(P,X)28-NI-57,IND,TTY,,DT)	(28-NI-0(P,X)28-NI-57,IND,TTY,,EOB)
D0303.013	(28-NI-0(P,X)28-NI-57,CUM,TTY,,DT)	
D0303.014	(47-AG-0(P,X)48-CD-107,,TTY,,DT)	(47-AG-0(P,X)48-CD-107,,TTY,,(PHY)/MSC)
D0303.015	(47-AG-0(P,X)48-CD-109,,TTY,,DT)	
D0303.016	(47-AG-0(P,X)47-AG-106-M,,TTY,,DT)	(47-AG-0(P,X)47-AG-106-M,,TTY,,EOB)

D0357.012	(58-CE-140(P,2N)59-PR-139,,TTY,,DT)	(58-CE-140(P,2N)59-PR-139,,TTY,,PHY)
D0357.013	(58-CE-140(P,3N)59-PR-138-M,,TTY,,DT)	(58-CE-140(P,3N)59-PR-138-M,,TTY,,PHY)
D0357.014	(58-CE-142(P,N)59-PR-142,,TTY,,DT)	(58-CE-142(P,N)59-PR-142,,TTY,,PHY)
D0362.005	(92-U-236(P,2N)93-NP-235,,TTY,,DT)	(92-U-236(P,2N)93-NP-235,,TTY,,PHY)
D0362.006	(92-U-236(P,N)93-NP-236-M,,TTY,,DT)	(92-U-236(P,N)93-NP-236-M,,TTY,,PHY)
D0371.011	(93-NP-237(HE3,X)94-PU-237,,TTY,,DT)	(93-NP-237(HE3,X)94-PU-237,,TTY,,PHY)
D0380.009	(74-W-186(P,N)75-RE-186,,TTY,,DT)	(74-W-186(P,N)75-RE-186,,TTY,,EOB)
D0397.005	(47-AG-0(P,X)46-PD-103,CUM,TTY,,DT)	(47-AG-0(P,X)46-PD-103,CUM,TTY,,EOB)
D0397.006	(47-AG-0(P,X)46-PD-101,CUM,TTY,,DT)	(47-AG-0(P,X)46-PD-101,CUM,TTY,,EOB)
D0397.007	(47-AG-0(P,X)46-PD-100,CUM,TTY,,DT)	(47-AG-0(P,X)46-PD-100,CUM,TTY,,EOB)
D0413.002	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,(PHY))
D0413.003	(83-BI-209(A,3N)85-AT-210,,TTY,,DT)	(83-BI-209(A,3N)85-AT-210,,TTY,,(PHY))
D0456.003	(45-RH-103(P,N)46-PD-103,,TTY,,DT)	(45-RH-103(P,N)46-PD-103,,TTY,,(PHY))
D0479.002	(30-ZN-68(P,2N)31-GA-67,,TTY,,DT)	(30-ZN-68(P,2N)31-GA-67,,TTY,,(PHY))
D0479.003	(30-ZN-68(P,3N)31-GA-66,,TTY,,DT)	(30-ZN-68(P,3N)31-GA-66,,TTY,,(PHY))
D0479.004	(30-ZN-68(P,N+A)29-CU-64,,TTY,,DT)	(30-ZN-68(P,N+A)29-CU-64,,TTY,,(PHY))
D0479.005	(30-ZN-68(P,2P)29-CU-67,,TTY,,DT)	(30-ZN-68(P,2P)29-CU-67,,TTY,,(PHY))
D0479.006	(28-NI-0(P,X)28-NI-57,,TTY,,DT)	(28-NI-0(P,X)28-NI-57,,TTY,,(PHY))
D0479.007	(28-NI-0(P,X)27-CO-55,,TTY,,DT)	(28-NI-0(P,X)27-CO-55,,TTY,,(PHY))
D0479.008	(28-NI-0(P,X)27-CO-56,,TTY,,DT)	(28-NI-0(P,X)27-CO-56,,TTY,,(PHY))
D0479.009	(28-NI-0(P,X)27-CO-57,,TTY,,DT)	(28-NI-0(P,X)27-CO-57,,TTY,,(PHY))
D0479.010	(28-NI-0(P,X)27-CO-58,,TTY,,DT)	(28-NI-0(P,X)27-CO-58,,TTY,,(PHY))
D0479.011	(28-NI-0(P,X)29-CU-61,,TTY,,DT)	(28-NI-0(P,X)29-CU-61,,TTY,,(PHY))
D0479.012	(28-NI-0(P,X)29-CU-64,,TTY,,DT)	(28-NI-0(P,X)29-CU-64,,TTY,,(PHY))
D0479.013	(29-CU-0(P,X)30-ZN-65,,TTY,,DT)	(29-CU-0(P,X)30-ZN-65,,TTY,,(PHY))
D0479.014	(29-CU-0(P,X)30-ZN-62,,TTY,,DT)	(29-CU-0(P,X)30-ZN-62,,TTY,,(PHY))
D0479.015	(29-CU-0(P,X)29-CU-64,,TTY,,DT)	(29-CU-0(P,X)29-CU-64,,TTY,,(PHY))

D0479.016	(29-CU-0(P,X)29-CU-61,,TTY,,DT)	(29-CU-0(P,X)29-CU-61,,TTY,,(PHY))
D0482.002	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,PHY)
D0494.002	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,EOB)
D0494.003	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,EOB)
D0495.002	(5-B-10(P,N)6-C-10,,TTY,,SAT)	(5-B-10(P,N)6-C-10,,TTY,,SAT)
D0495.003	(5-B-11(P,N)6-C-11,,TTY,,SAT)	(5-B-11(P,N)6-C-11,,TTY,,SAT)
D0495.004	(7-N-14(P,A)6-C-11,,TTY,,SAT)	(7-N-14(P,A)6-C-11,,TTY,,SAT)
D0495.005	(6-C-13(P,N)7-N-13,,TTY,,SAT)	(6-C-13(P,N)7-N-13,,TTY,,SAT)
D0495.006	(8-O-16(P,A)7-N-13,,TTY,,SAT)	(8-O-16(P,A)7-N-13,,TTY,,SAT)
D0495.007	(7-N-14(P,N)8-O-14,,TTY,,SAT)	(7-N-14(P,N)8-O-14,,TTY,,SAT)
D0495.008	(7-N-15(P,N)8-O-15,,TTY,,SAT)	(7-N-15(P,N)8-O-15,,TTY,,SAT)
D0495.009	(9-F-19(P,N+A)8-O-15,,TTY,,SAT)	(9-F-19(P,N+A)8-O-15,,TTY,,SAT)
D0495.010	(10-NE-20(P,A)9-F-17,,TTY,,SAT)	(10-NE-20(P,A)9-F-17,,TTY,,SAT)
D0495.011	(8-O-18(P,N)9-F-18,,TTY,,SAT)	(8-O-18(P,N)9-F-18,,TTY,,SAT)
D0495.012	(14-SI-30(P,N)15-P-30,,TTY,,SAT)	(14-SI-30(P,N)15-P-30,,TTY,,SAT)
D0495.013	(16-S-34(P,N)17-CL-34-M,,TTY,,SAT)	(16-S-34(P,N)17-CL-34-M,,TTY,,SAT)
D0495.014	(18-AR-38(P,N)19-K-38-G,,TTY,,SAT)	(18-AR-38(P,N)19-K-38-G,,TTY,,SAT)
D0495.015	(20-CA-43(P,N)21-SC-43,,TTY,,SAT)	(20-CA-43(P,N)21-SC-43,,TTY,,SAT)
D0495.016	(20-CA-44(P,N)21-SC-44-M,,TTY,,SAT)	(20-CA-44(P,N)21-SC-44-M,,TTY,,SAT)
D0495.017	(20-CA-44(P,N)21-SC-44-G,,TTY,,SAT)	(20-CA-44(P,N)21-SC-44-G,,TTY,,SAT)
D0495.018	(20-CA-48(P,N)21-SC-48,,TTY,,SAT)	(20-CA-48(P,N)21-SC-48,,TTY,,SAT)
D0495.019	(21-SC-45(P,N)22-TI-45,,TTY,,SAT)	(21-SC-45(P,N)22-TI-45,,TTY,,SAT)
D0495.020	(22-TI-47(P,N)23-V-47,,TTY,,SAT)	(22-TI-47(P,N)23-V-47,,TTY,,SAT)
D0495.021	(22-TI-48(P,N)23-V-48,,TTY,,SAT)	(22-TI-48(P,N)23-V-48,,TTY,,SAT)
D0495.022	(23-V-51(P,N)24-CR-51,,TTY,,SAT)	(23-V-51(P,N)24-CR-51,,TTY,,SAT)
D0495.023	(26-FE-54(P,A)25-MN-51,,TTY,,SAT)	(26-FE-54(P,A)25-MN-51,,TTY,,SAT)
D0495.024	(24-CR-52(P,N)25-MN-52-M,,TTY,,SAT)	(24-CR-52(P,N)25-MN-52-M,,TTY,,SAT)
D0495.025	(24-CR-52(P,N)25-MN-52-G,M+,TTY,,SAT)	(24-CR-52(P,N)25-MN-52-G,M+,TTY,,SAT)
D0495.026	(24-CR-54(P,N)25-MN-54,,TTY,,SAT)	(24-CR-54(P,N)25-MN-54,,TTY,,SAT)
D0495.027	(26-FE-54(P,N)27-CO-54-M,,TTY,,SAT)	(26-FE-54(P,N)27-CO-54-M,,TTY,,SAT)
D0495.028	(28-NI-58(P,A)27-CO-55,,TTY,,SAT)	(28-NI-58(P,A)27-CO-55,,TTY,,SAT)

D0495.029	(26-FE-56(P,N)27-CO-56,,TTY,,SAT)	(26-FE-56(P,N)27-CO-56,,TTY,,SAT)
D0495.030	(26-FE-57(P,N)27-CO-57,,TTY,,SAT)	(26-FE-57(P,N)27-CO-57,,TTY,,SAT)
D0495.031	(28-NI-60(P,A)27-CO-57,,TTY,,SAT)	(28-NI-60(P,A)27-CO-57,,TTY,,SAT)
D0495.032	(26-FE-58(P,N)27-CO-58,,TTY,,SAT)	(26-FE-58(P,N)27-CO-58,,TTY,,SAT)
D0495.033	(28-NI-60(P,N)29-CU-60,,TTY,,SAT)	(28-NI-60(P,N)29-CU-60,,TTY,,SAT)
D0495.034	(28-NI-61(P,N)29-CU-61,,TTY,,SAT)	(28-NI-61(P,N)29-CU-61,,TTY,,SAT)
D0495.035	(30-ZN-64(P,A)29-CU-61,,TTY,,SAT)	(30-ZN-64(P,A)29-CU-61,,TTY,,SAT)
D0495.036	(28-NI-62(P,N)29-CU-62,,TTY,,SAT)	(28-NI-62(P,N)29-CU-62,,TTY,,SAT)
D0495.037	(28-NI-64(P,N)29-CU-64,,TTY,,SAT)	(28-NI-64(P,N)29-CU-64,,TTY,,SAT)
D0495.038	(29-CU-63(P,N)30-ZN-63,,TTY,,SAT)	(29-CU-63(P,N)30-ZN-63,,TTY,,SAT)
D0495.039	(29-CU-65(P,N)30-ZN-65,,TTY,,SAT)	(29-CU-65(P,N)30-ZN-65,,TTY,,SAT)
D0495.040	(30-ZN-64(P,N)31-GA-64,,TTY,,SAT)	(30-ZN-64(P,N)31-GA-64,,TTY,,SAT)
D0495.041	(30-ZN-66(P,N)31-GA-66,,TTY,,SAT)	(30-ZN-66(P,N)31-GA-66,,TTY,,SAT)
D0495.042	(30-ZN-67(P,N)31-GA-67,,TTY,,SAT)	(30-ZN-67(P,N)31-GA-67,,TTY,,SAT)
D0495.043	(30-ZN-68(P,N)31-GA-68,,TTY,,SAT)	(30-ZN-68(P,N)31-GA-68,,TTY,,SAT)
D0495.044	(31-GA-69(P,N)32-GE-69,,TTY,,SAT)	(31-GA-69(P,N)32-GE-69,,TTY,,SAT)
D0495.045	(32-GE-70(P,N)33-AS-70,,TTY,,SAT)	(32-GE-70(P,N)33-AS-70,,TTY,,SAT)
D0495.046	(32-GE-72(P,N)33-AS-72,,TTY,,SAT)	(32-GE-72(P,N)33-AS-72,,TTY,,SAT)
D0495.047	(32-GE-73(P,N)33-AS-73,,TTY,,SAT)	(32-GE-73(P,N)33-AS-73,,TTY,,SAT)
D0495.048	(32-GE-74(P,N)33-AS-74,,TTY,,SAT)	(32-GE-74(P,N)33-AS-74,,TTY,,SAT)
D0495.049	(32-GE-76(P,N)33-AS-76,,TTY,,SAT)	(32-GE-76(P,N)33-AS-76,,TTY,,SAT)
D0495.050	(36-KR-78(P,A)35-BR-75,,TTY,,SAT)	(36-KR-78(P,A)35-BR-75,,TTY,,SAT)
D0495.051	(34-SE-76(P,N)35-BR-76,,TTY,,SAT)	(34-SE-76(P,N)35-BR-76,,TTY,,SAT)
D0495.052	(34-SE-77(P,N)35-BR-77,,TTY,,SAT)	(34-SE-77(P,N)35-BR-77,,TTY,,SAT)
D0495.053	(34-SE-80(P,N)35-BR-80-M,,TTY,,SAT)	(34-SE-80(P,N)35-BR-80-M,,TTY,,SAT)
D0495.054	(34-SE-82(P,N)35-BR-82-G,M+,TTY,,SAT)	(34-SE-82(P,N)35-BR-82-G,M+,TTY,,SAT)
D0495.055	(36-KR-82(P,N)37-RB-82-M,,TTY,,SAT)	(36-KR-82(P,N)37-RB-82-M,,TTY,,SAT)
D0495.056	(36-KR-83(P,N)37-RB-83,,TTY,,SAT)	(36-KR-83(P,N)37-RB-83,,TTY,,SAT)
D0495.057	(36-KR-84(P,N)37-RB-84-M,,TTY,,SAT)	(36-KR-84(P,N)37-RB-84-M,,TTY,,SAT)
D0495.058	(36-KR-84(P,N)37-RB-84,,TTY,,SAT)	(36-KR-84(P,N)37-RB-84,,TTY,,SAT)
D0495.059	(36-KR-86(P,N)37-RB-86,,TTY,,SAT)	(36-KR-86(P,N)37-RB-86,,TTY,,SAT)
D0495.060	(38-SR-84(P,N)39-Y-84-G,,TTY,,SAT)	(38-SR-84(P,N)39-Y-84-G,,TTY,,SAT)
D0495.061	(38-SR-86(P,N)39-Y-86,,TTY,,SAT)	(38-SR-86(P,N)39-Y-86,,TTY,,SAT)
D0495.062	(38-SR-87(P,N)39-Y-87-M,,TTY,,SAT)	(38-SR-87(P,N)39-Y-87-M,,TTY,,SAT)

D0495.063	(38-SR-87(P,N)39-Y-87-G,M+,TTY,,SAT)	(38-SR-87(P,N)39-Y-87-G,M+,TTY,,SAT)
D0495.064	(38-SR-88(P,N)39-Y-88,,TTY,,SAT)	(38-SR-88(P,N)39-Y-88,,TTY,,SAT)
D0495.065	(39-Y-89(P,N)40-ZR-89-G,M+,TTY,,SAT)	(39-Y-89(P,N)40-ZR-89-G,M+,TTY,,SAT)
D0495.066	(40-ZR-90(P,N)41-NB-90,,TTY,,SAT)	(40-ZR-90(P,N)41-NB-90,,TTY,,SAT)
D0495.067	(40-ZR-92(P,N)41-NB-92-M,,TTY,,SAT)	(40-ZR-92(P,N)41-NB-92-M,,TTY,,SAT)
D0495.068	(40-ZR-96(P,N)41-NB-96,,TTY,,SAT)	(40-ZR-96(P,N)41-NB-96,,TTY,,SAT)
D0495.069	(41-NB-93(P,N)42-MO-93-M,,TTY,,SAT)	(41-NB-93(P,N)42-MO-93-M,,TTY,,SAT)
D0495.070	(42-MO-92(P,N)43-TC-92,,TTY,,SAT)	(42-MO-92(P,N)43-TC-92,,TTY,,SAT)
D0495.071	(42-MO-94(P,N)43-TC-94-G,,TTY,,SAT)	(42-MO-94(P,N)43-TC-94-G,,TTY,,SAT)
D0495.072	(42-MO-95(P,N)43-TC-95-M,,TTY,,SAT)	(42-MO-95(P,N)43-TC-95-M,,TTY,,SAT)
D0495.073	(42-MO-96(P,N)43-TC-96-G,M+,TTY,,SAT)	(42-MO-96(P,N)43-TC-96-G,M+,TTY,,SAT)
D0495.074	(44-RU-96(P,N)45-RH-96-G,M+,TTY,,SAT)	(44-RU-96(P,N)45-RH-96-G,M+,TTY,,SAT)
D0495.075	(44-RU-98(P,N)45-RH-98-G,,TTY,,SAT)	(44-RU-98(P,N)45-RH-98-G,,TTY,,SAT)
D0495.076	(44-RU-99(P,N)45-RH-99-M,,TTY,,SAT)	(44-RU-99(P,N)45-RH-99-M,,TTY,,SAT)
D0495.077	(44-RU-99(P,N)45-RH-99-G,,TTY,,SAT)	(44-RU-99(P,N)45-RH-99-G,,TTY,,SAT)
D0495.078	(44-RU-100(P,N)45-RH-100-G,M+,TTY,,SAT)	(44-RU-100(P,N)45-RH-100-G,M+,TTY,,SAT)
D0495.079	(44-RU-101(P,N)45-RH-101-M,,TTY,,SAT)	(44-RU-101(P,N)45-RH-101-M,,TTY,,SAT)
D0495.080	(44-RU-102(P,N)45-RH-102-G,,TTY,,SAT)	(44-RU-102(P,N)45-RH-102-G,,TTY,,SAT)
D0495.081	(47-AG-107(P,N)48-CD-107,,TTY,,SAT)	(47-AG-107(P,N)48-CD-107,,TTY,,SAT)
D0495.082	(47-AG-109(P,N)48-CD-109,,TTY,,SAT)	(47-AG-109(P,N)48-CD-109,,TTY,,SAT)
D0495.083	(48-CD-110(P,N)49-IN-110-M,,TTY,,SAT)	(48-CD-110(P,N)49-IN-110-M,,TTY,,SAT)
D0495.084	(48-CD-111(P,N)49-IN-111,,TTY,,SAT)	(48-CD-111(P,N)49-IN-111,,TTY,,SAT)
D0495.085	(48-CD-112(P,N)49-IN-112-M,,TTY,,SAT)	(48-CD-112(P,N)49-IN-112-M,,TTY,,SAT)
D0495.086	(49-IN-113(P,INL)49-IN-113-M,,TTY,,SAT)	(49-IN-113(P,INL)49-IN-113-M,,TTY,,SAT)
D0495.087	(48-CD-113(P,N)49-IN-113-M,,TTY,,SAT)	(48-CD-113(P,N)49-IN-113-M,,TTY,,SAT)
D0495.088	(48-CD-114(P,N)49-IN-114-M,,TTY,,SAT)	(48-CD-114(P,N)49-IN-114-M,,TTY,,SAT)
D0495.089	(49-IN-115(P,INL)49-IN-115-M,,TTY,,SAT)	(49-IN-115(P,INL)49-IN-115-M,,TTY,,SAT)
D0495.090	(49-IN-113(P,N)50-SN-113-M,,TTY,,SAT)	(49-IN-113(P,N)50-SN-113-M,,TTY,,SAT)
D0495.091	(50-SN-116(P,N)51-SB-116-M,,TTY,,SAT)	(50-SN-116(P,N)51-SB-116-M,,TTY,,SAT)
D0495.092	(50-SN-116(P,N)51-SB-116-G,,TTY,,SAT)	(50-SN-116(P,N)51-SB-116-G,,TTY,,SAT)
D0495.093	(50-SN-117(P,N)51-SB-117,,TTY,,SAT)	(50-SN-117(P,N)51-SB-117,,TTY,,SAT)
D0495.094	(50-SN-118(P,N)51-SB-118-M,,TTY,,SAT)	(50-SN-118(P,N)51-SB-118-M,,TTY,,SAT)
D0495.095	(50-SN-120(P,N)51-SB-120-M,,TTY,,SAT)	(50-SN-120(P,N)51-SB-120-M,,TTY,,SAT)
D0495.096	(50-SN-122(P,N)51-SB-122,,TTY,,SAT)	(50-SN-122(P,N)51-SB-122,,TTY,,SAT)

D0495.097	(50-SN-124(P,N)51-SB-124-G,M+,TTY,,SAT)	(50-SN-124(P,N)51-SB-124-G,M+,TTY,,SAT)
D0495.098	(51-SB-121(P,N)52-TE-121-M,,TTY,,SAT)	(51-SB-121(P,N)52-TE-121-M,,TTY,,SAT)
D0495.099	(51-SB-121(P,N)52-TE-121-G,,TTY,,SAT)	(51-SB-121(P,N)52-TE-121-G,,TTY,,SAT)
D0495.100	(51-SB-123(P,N)52-TE-123-M,,TTY,,SAT)	(51-SB-123(P,N)52-TE-123-M,,TTY,,SAT)
D0495.101	(52-TE-124(P,N)53-I-124,,TTY,,SAT)	(52-TE-124(P,N)53-I-124,,TTY,,SAT)
D0495.102	(52-TE-126(P,N)53-I-126,,TTY,,SAT)	(52-TE-126(P,N)53-I-126,,TTY,,SAT)
D0495.103	(52-TE-130(P,N)53-I-130-G,M+,TTY,,SAT)	(52-TE-130(P,N)53-I-130-G,M+,TTY,,SAT)
D0495.104	(53-I-127(P,N)54-XE-127-M,,TTY,,SAT)	(53-I-127(P,N)54-XE-127-M,,TTY,,SAT)
D0495.105	(53-I-127(P,N)54-XE-127,,TTY,,SAT)	(53-I-127(P,N)54-XE-127,,TTY,,SAT)
D0495.106	(57-LA-139(P,N)58-CE-139,,TTY,,SAT)	(57-LA-139(P,N)58-CE-139,,TTY,,SAT)
D0496.002	(48-CD-0(D,X)49-IN-111,,TTY,,DT)	(48-CD-0(D,X)49-IN-111,,TTY,,PHY,DERIV)
D0496.003	(48-CD-0(D,X)49-IN-114,,TTY,,DT)	(48-CD-0(D,X)49-IN-114,,TTY,,PHY,DERIV)
D0496.004	(48-CD-0(P,X)49-IN-114,,TTY,,DT)	(48-CD-0(P,X)49-IN-114,,TTY,,PHY,DERIV)
D0496.005	(48-CD-0(P,X)49-IN-114,,TTY,,DT)	(48-CD-0(P,X)49-IN-114,,TTY,,PHY,DERIV)
D0497.002	(52-TE-124(D,2N)53-I-124,,TTY,,TM)	(52-TE-124(D,2N)53-I-124,,TTY/DEN,,PHY)
D0497.003	(52-TE-124(D,3N)53-I-123,,TTY,,TM)	(52-TE-124(D,3N)53-I-123,,TTY/DEN,,PHY)
D0502.010	(52-TE-0(P,X)53-I-123,,TTY,,PHY,DERIV)	(52-TE-0(P,X)53-I-123,,TTY,,PHY,DERIV)
D0502.011	(52-TE-0(P,X)53-I-124,,TTY,,PHY,DERIV)	(52-TE-0(P,X)53-I-124,,TTY,,PHY,DERIV)
D0502.012	(52-TE-0(P,X)53-I-125,,TTY,,PHY,DERIV)	(52-TE-0(P,X)53-I-125,,TTY,,PHY,DERIV)
D0502.013	(52-TE-0(P,X)53-I-126,,TTY,,PHY,DERIV)	(52-TE-0(P,X)53-I-126,,TTY,,PHY,DERIV)
D0507.004	(50-SN-0(P,X)50-SN-117-M,,TTY,,DT,DERIV)	(50-SN-0(P,X)50-SN-117-M,,TTY,,PHY,DERIV)
D0507.013	(50-SN-0(P,X)51-SB-117,,TTY,,DT,DERIV)	(50-SN-0(P,X)51-SB-117,,TTY,,PHY,DERIV)
D0507.014	(50-SN-0(P,X)51-SB-118-M,,TTY,,DT,DERIV)	(50-SN-0(P,X)51-SB-118-M,,TTY,,PHY,DERIV)
D0507.015	(50-SN-0(P,X)49-IN-111,,TTY,,DT,DERIV)	(50-SN-0(P,X)49-IN-111,,TTY,,PHY,DERIV)
D0507.016	(50-SN-0(P,X)51-SB-120-M,,TTY,,DT,DERIV)	(50-SN-0(P,X)51-SB-120-M,,TTY,,PHY,DERIV)
D0507.017	(50-SN-0(P,X)51-SB-122,,TTY,,DT,DERIV)	(50-SN-0(P,X)51-SB-122,,TTY,,PHY,DERIV)
D0507.018	(50-SN-0(P,X)49-IN-110,,TTY,,DT,DERIV)	(50-SN-0(P,X)49-IN-110,,TTY,,PHY,DERIV)
D0507.019	(50-SN-0(P,X)51-SB-124,,TTY,,DT,DERIV)	(50-SN-0(P,X)51-SB-124,,TTY,,PHY,DERIV)
D0507.020	(50-SN-0(P,X)49-IN-114-M,,TTY,,DT,DERIV)	(50-SN-0(P,X)49-IN-114-M,,TTY,,PHY,DERIV)
D0507.021	(50-SN-0(P,X)50-SN-113,,TTY,,DT,DERIV)	(50-SN-0(P,X)50-SN-113,,TTY,,PHY,DERIV)

D0515.002	(52-TE-125(P,2N)53-I-124,,TTY,,DT)	(52-TE-125(P,2N)53-I-124,,TTY,,(PHY))
D0538.002	(30-ZN-0(P,X)31-GA-67,,TTY,,DT)	(30-ZN-0(P,X)31-GA-67,,TTY,,PHY)
D0543.002	(38-SR-0(P,X)39-Y-86,,TTY,,DT)	(38-SR-0(P,X)39-Y-86,,TTY,,EOB)
D0543.003	(38-SR-86(P,N)39-Y-86,,TTY,,DT,DERIV)	(38-SR-86(P,N)39-Y-86,,TTY,,EOB,DERIV)
D0547.004	(28-NI-64(D,2N)29-CU-64,,TTY,,DT)	(28-NI-64(D,2N)29-CU-64,,TTY,,PHY,DERIV)
D0548.003	(76-OS-192(HE3,4N)78-PT-191,,TTY,,DT,DERIV)	(76-OS-192(HE3,4N)78-PT-191,,TTY,,EOB,DERIV)
D0556.002	(47-AG-0(P,N)48-CD-109,,TTY,,DT)	(47-AG-0(P,N)48-CD-109,,TTY,,(PHY))
D0556.003	(47-AG-109(P,N)48-CD-109,,TTY,,DT)	(47-AG-109(P,N)48-CD-109,,TTY,,(PHY),DERIV)
D0562.003	(91-PA-231(P,2N)92-U-230,,TTY,,DT)	(91-PA-231(P,2N)92-U-230,,TTY,,(PHY))
D0568.007	(34-SE-77(P,3N)35-BR-75,,TTY,,DT,DERIV)	(34-SE-77(P,3N)35-BR-75,,TTY,,PHY,DERIV)
D0568.008	(34-SE-78(P,4N)35-BR-75,,TTY,,DT,DERIV)	(34-SE-78(P,4N)35-BR-75,,TTY,,PHY,DERIV)
D0568.009	(34-SE-77(P,2N)35-BR-76,,TTY,,DT,DERIV)	(34-SE-77(P,2N)35-BR-76,,TTY,,PHY,DERIV)
D0568.010	(34-SE-78(P,3N)35-BR-76,,TTY,,DT,DERIV)	(34-SE-78(P,3N)35-BR-76,,TTY,,PHY,DERIV)
D0568.011	(34-SE-80(P,5N)35-BR-76,,TTY,,DT,DERIV)	(34-SE-80(P,5N)35-BR-76,,TTY,,PHY,DERIV)
D0584.005	(39-Y-89(P,N)40-ZR-89,,TTY,,PHY,DERIV)	(39-Y-89(P,N)40-ZR-89,,TTY,,PHY,DERIV)
D0588.003	(76-OS-192(P,X)75-RE-186,,TTY,,DT,DERIV)	(76-OS-192(P,X)75-RE-186,,TTY,,PHY,DERIV)
D0623.002	(74-W-0(P,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-186-G,,TTY,,PHY)
D0623.003	(74-W-186(P,N)75-RE-186-G,,TTY,,PHY)	(74-W-186(P,N)75-RE-186-G,,TTY,,PHY)
D0623.004	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)
D0623.005	(74-W-186(D,2N)75-RE-186-G,,TTY,,PHY)	(74-W-186(D,2N)75-RE-186-G,,TTY,,PHY)
D0629.009	(41-NB-93(P,X)40-ZR-88,,TTY,,PHY)	(41-NB-93(P,X)40-ZR-88,,TTY,,PHY)

D0632.005	(25-MN-55(P,N)26-FE-55,,TTY,,PHY,DERIV)	(25-MN-55(P,N)26-FE-55,,TTY,,PHY,DERIV)
D0632.006	(25-MN-55(P,X)25-MN-54,,TTY,,PHY,DERIV)	(25-MN-55(P,X)25-MN-54,,TTY,,PHY,DERIV)
D0632.007	(25-MN-55(P,X)24-CR-51,,TTY,,PHY,DERIV)	(25-MN-55(P,X)24-CR-51,,TTY,,PHY,DERIV)
D0656.002	(45-RH-103(P,3N)46-PD-101,,TTY,,PHY)	(45-RH-103(P,3N)46-PD-101,,TTY,,PHY)
D0657.002	(69-TM-169(P,N)70-YB-169,,TTY,,PHY)	(69-TM-169(P,N)70-YB-169,,TTY,,PHY)
D0661.002	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)
D0662.002	(28-NI-0(P,X)29-CU-64,,TTY,,PHY)	(28-NI-0(P,X)29-CU-64,,TTY,,EOB)
D0662.003	(28-NI-0(P,X)29-CU-64,,TTY,,PHY)	(28-NI-0(P,X)29-CU-64,,TTY,,EOB)
D0662.004	(28-NI-0(P,X)29-CU-61,,TTY,,PHY)	(28-NI-0(P,X)29-CU-61,,TTY,,EOB)
D0662.005	(28-NI-0(P,X)27-CO-55,,TTY,,PHY)	(28-NI-0(P,X)27-CO-55,,TTY,,EOB)
D0662.006	(28-NI-0(P,X)27-CO-57,,TTY,,PHY)	(28-NI-0(P,X)27-CO-57,,TTY,,EOB)
D0662.007	(28-NI-0(P,X)27-CO-58,,TTY,,PHY)	(28-NI-0(P,X)27-CO-58,,TTY,,EOB)
D0662.008	(28-NI-0(P,X)28-NI-57,,TTY,,PHY)	(28-NI-0(P,X)28-NI-57,,TTY,,EOB)
D0663.002	(30-ZN-68(P,X)31-GA-68,,TTY,,PHY)	(30-ZN-68(P,X)31-GA-68,,TTY,,EOB)
D0663.003	(30-ZN-68(P,X)31-GA-67,,TTY,,PHY)	(30-ZN-68(P,X)31-GA-67,,TTY,,EOB)
D0664.002	(41-NB-93(P,X)42-MO-93-M,,TTY,,PHY)	(41-NB-93(P,X)42-MO-93-M,,TTY,,PHY)
D0665.002	(74-W-0(P,X)75-RE-186,,TTY,,PHY)	(74-W-0(P,X)75-RE-186,,TTY,,PHY)
D0666.002	(50-SN-0(P,X)51-SB-122,,TTY,,PHY)	(50-SN-0(P,X)51-SB-122,,TTY,,PHY)
D0666.003	(50-SN-0(P,X)51-SB-120-M,,TTY,,PHY)	(50-SN-0(P,X)51-SB-120-M,,TTY,,PHY)
D0666.004	(50-SN-0(P,X)51-SB-118-M,,TTY,,PHY)	(50-SN-0(P,X)51-SB-118-M,,TTY,,PHY)
D0666.005	(50-SN-0(P,X)51-SB-117,,TTY,,PHY)	(50-SN-0(P,X)51-SB-117,,TTY,,PHY)
D0667.002	(50-SN-0(P,X)51-SB-122,,TTY,,PHY)	(50-SN-0(P,X)51-SB-122,,TTY,,PHY)
D0668.002	(38-SR-0(P,X)39-Y-88,,TTY,,PHY)	(38-SR-0(P,X)39-Y-88,,TTY,,PHY)

D0689.002	(25-MN-55(P,N)26-FE-55,,TTY,,PHY)	(25-MN-55(P,N)26-FE-55,,TTY,,PHY)
D0690.002	(22-TI-0(P,X)23-V-48,,TTY,,PHY)	(22-TI-0(P,X)23-V-48,,TTY,,PHY)
D0693.003.1	(47-AG-0(D,X)48-CD-109,,TTY,,PHY,DERIV)	(47-AG-0(D,X)48-CD-109,,TTY,,PHY,DERIV)
D0693.003.2	(47-AG-0(D,X)48-CD-109,,TTY,,PHY)	(47-AG-0(D,X)48-CD-109,,TTY,,PHY)
D0699.003	(23-V-51(P,N)24-CR-51,,TTY,,(PHY))	(23-V-51(P,N)24-CR-51,,TTY,,(PHY))
D0699.004	(23-V-51(D,2N)24-CR-51,,TTY,,(PHY))	(23-V-51(D,2N)24-CR-51,,TTY,,(PHY))
D0721.002	(26-FE-0(P,X)27-CO-55,,TTY,,PHY)	(26-FE-0(P,X)27-CO-55,,TTY,,PHY)
D0765.002	(68-ER-0(P,X)69-TM-167,,TTY,,PHY)	(68-ER-0(P,X)69-TM-167,,TTY,,PHY)
D0780.002	(48-CD-0(P,X)49-IN-110-M,,TTY,,PHY)	(48-CD-0(P,X)49-IN-110-M,,TTY,,PHY)
D0780.003	(48-CD-0(P,X)49-IN-110-G,,TTY,,PHY)	(48-CD-0(P,X)49-IN-110-G,,TTY,,PHY)
D0780.004	(48-CD-110(P,X)49-IN-110-M,,TTY,,PHY,DERIV)	(48-CD-110(P,X)49-IN-110-M,,TTY,,PHY,DERIV)
D0780.005	(48-CD-110(P,X)49-IN-110-G,,TTY,,PHY,DERIV)	(48-CD-110(P,X)49-IN-110-G,,TTY,,PHY,DERIV)
D0785.002	(48-CD-0(P,X)49-IN-110-M,,TTY,,PHY)	(48-CD-0(P,X)49-IN-110-M,,TTY,,PHY)
D0785.003	(48-CD-0(D,X)49-IN-110-G,,TTY,,PHY)	(48-CD-0(D,X)49-IN-110-G,,TTY,,PHY)
D0785.004	(48-CD-0(D,X)49-IN-111,,TTY,,PHY)	(48-CD-0(D,X)49-IN-111,,TTY,,PHY)
D0785.005	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY)	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY)
D0786.002	(24-CR-0(P,X)25-MN-52-G,M+,TTY,,PHY)	(24-CR-0(P,X)25-MN-52-G,M+,TTY,,PHY)
D4004.005.1	(30-ZN-66(P,N)31-GA-66,,TTY,,DT)	(30-ZN-66(P,N)31-GA-66,,TTY,,PHY)
D4004.005.2	(30-ZN-68(P,2N)31-GA-67,,TTY,,DT)	(30-ZN-68(P,2N)31-GA-67,,TTY,,PHY)
D4005.002	(52-TE-123(P,N)53-I-123,,TTY,,DT)	(52-TE-123(P,N)53-I-123,,TTY,,EOB)
D4005.003	(52-TE-123(P,N)53-I-123,,TTY,,DT)	(52-TE-123(P,N)53-I-123,,TTY,,EOB)
D4007.003	(17-CL-35(A,N)19-K-38,,TTY,,DERIV)	(17-CL-35(A,N)19-K-38,,TTY,,SAT,DERIV)

D4009.002	(36-KR-0(P,X)37-RB-82-M,,TTY,,DT)	(36-KR-0(P,X)37-RB-82-M,,TTY,,PHY)
D4029.004	(54-XE-124(P,X)53-I-123,CUM,TTY,,DT)	(54-XE-124(P,X)53-I-123,CUM,TTY/DEN,,(PHY))
D4034.002	(79-AU-197(HE3,3N)81-TL-197,,TTY,,DT)	(79-AU-197(HE3,3N)81-TL-197,,TTY,,EOB)
D4035.002	(54-XE-0(P,X)53-I-123,CUM,TTY,,TM)	(54-XE-0(P,X)53-I-123,CUM,TTY/DEN,,(PHY))
D4035.003	(54-XE-0(P,X)53-I-123,CUM,TTY,,TM/MSC)	(54-XE-0(P,X)53-I-123,CUM,TTY/DEN,,(PHY)/MSC)
D4035.004.1	(54-XE-0(D,X)53-I-123,CUM,TTY,,TM)	(54-XE-0(D,X)53-I-123,CUM,TTY/DEN,,(PHY))
D4035.004.2	(54-XE-0(D,X)54-XE-123,CUM,TTY,,TM)	(54-XE-0(D,X)54-XE-123,CUM,TTY/DEN,,(PHY)/MSC)
D4047.004	(52-TE-123(D,2N)53-I-123,,TTY,,DT)	(52-TE-123(D,2N)53-I-123,,TTY,,PHY,DERIV)
D4047.005	(52-TE-123(D,N)53-I-124,,TTY,,DT)	(52-TE-123(D,N)53-I-124,,TTY,,PHY,DERIV)
D4055.006	(62-SM-144(A,N)64-GD-147,,TTY,,DT)	(62-SM-144(A,N)64-GD-147,,TTY,,PHY,DERIV)
D4055.007	(62-SM-147(HE3,X)64-GD-147,,TTY,,DT)	(62-SM-147(HE3,X)64-GD-147,,TTY,,PHY,DERIV)
D4056.006	(28-NI-0(D,X)29-CU-64,,TTY,,DT)	(28-NI-0(D,X)29-CU-64,,TTY,,(PHY))
D4056.007	(28-NI-64(D,2N)29-CU-64,,TTY,,DT/A)	(28-NI-64(D,2N)29-CU-64,,TTY,,(PHY)/A)
D4056.008	(28-NI-0(D,X)29-CU-61,,TTY,,DT)	(28-NI-0(D,X)29-CU-61,,TTY,,(PHY))
D4056.009	((28-NI-60(D,N)29-CU-61,,TTY,,DT/A)+ (28-NI-61(D,2N)29-CU-61,,TTY,,DT/A)+ (28-NI-62(D,3N)29-CU-61,,TTY,,DT/A))	(28-NI-0(D,X)29-CU-61,,TTY,,(PHY))
D4056.010	(28-NI-0(D,X)28-NI-57,,TTY,,DT)	(28-NI-0(D,X)28-NI-57,,TTY,,PHY)
D4056.011	((28-NI-58(D,2N+P)28-NI-57,,TTY,,DT/A)+ (28-NI-60(D,4N+P)28-NI-57,,TTY,,DT/A))	(28-NI-0(D,XX)28-NI-57,,TTY,,PHY)
D4056.012	(28-NI-64(D,P)28-NI-65,,TTY,,DT/A)	(28-NI-64(D,P)28-NI-65,,TTY,,PHY/A)
D4056.013	(28-NI-0(D,X)27-CO-55,,TTY,,DT)	(28-NI-0(D,X)27-CO-55,,TTY,,PHY)
D4056.014	((28-NI-58(D,N+A)27-CO-55,,TTY,,DT/A)+ (28-NI-60(D,3N+A)27-CO-55,,TTY,,DT/A))	(28-NI-0(D,X)27-CO-55,,TTY,,PHY)
D4056.015	(28-NI-0(D,X)27-CO-56,,TTY,,DT)	(28-NI-0(D,X)27-CO-56,,TTY,,PHY)
D4056.016	((28-NI-58(D,A)27-CO-56,,TTY,,DT/A)+ (28-NI-60(D,2N+A)27-CO-56,,TTY,,DT/A))	(28-NI-0(D,X)27-CO-56,,TTY,,PHY)
D4056.017	(28-NI-0(D,X)27-CO-57,,TTY,,DT)	(28-NI-0(D,X)27-CO-57,,TTY,,PHY)
D4056.018	((28-NI-58(D,X)27-CO-57,,TTY,,DT/A)+	(28-NI-0(D,X)27-CO-57,,TTY,,PHY)

	(28-NI-60(D,X)27-CO-57,,TTY,,DT/A))	
D4056.019	(28-NI-0(D,X)27-CO-58-G,(M),TTY,,DT)	(28-NI-0(D,X)27-CO-58-G,(M),TTY,,PHY)
D4056.020	((28-NI-58(D,2P)27-CO-58-G,(M),TTY,,DT/A)+ (28-NI-60(D,A)27-CO-58-G,(M),TTY,,DT/A)+ (28-NI-61(D,N+A)27-CO-58-G,(M),TTY,,DT/A))	(28-NI-0(D,X)27-CO-58-G,(M),TTY,,PHY)
D4063.003	(52-TE-122(D,N)53-I-123,,TTY,,DT)	(52-TE-122(D,N)53-I-123,,TTY,,PHY,DERIV)
D4067.004	(47-AG-109(A,2N)49-IN-111,,TTY,,DT)	(47-AG-109(A,2N)49-IN-111,,TTY,,PHY)
D4072.003	(18-AR-38(P,N)19-K-38,,TTY,,DT)	(18-AR-38(P,N)19-K-38,,TTY,,SAT,DERIV)
D4078.004.1	(28-NI-58(P,A)27-CO-55,,TTY,,PHY)	(28-NI-58(P,A)27-CO-55,,TTY,,PHY,DERIV)
D4078.004.2	(28-NI-58(P,2P)27-CO-57,,TTY,,PHY)	(28-NI-58(P,2P)27-CO-57,,TTY,,PHY,DERIV)
D4083.005.2	(22-TI-0(P,X)23-V-48,,TTY,,PHY,RECOM)	(22-TI-0(P,X)23-V-48,,TTY,,PHY,RECOM)
D4095.003	(8-O-18(P,N)9-F-18,,TTY)	(8-O-18(P,N)9-F-18,,TTY,,SAT,DERIV)
D4108.006	(45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY,DERIV)
D4109.003	(29-CU-0(HE3,X)31-GA-66,,TTY,,PHY)	(29-CU-0(HE3,X)31-GA-66,,TTY,,PHY,DERIV)
D4109.005	(29-CU-0(HE3,X)31-GA-67,,TTY,,PHY)	(29-CU-0(HE3,X)31-GA-67,,TTY,,PHY,DERIV)
D4109.007	(29-CU-0(HE3,X)30-ZN-63,CUM,TTY,,PHY)	(29-CU-0(HE3,X)30-ZN-63,CUM,TTY,,PHY,DERIV)
D4109.009	(29-CU-0(HE3,X)30-ZN-65,CUM,TTY,,PHY)	(29-CU-0(HE3,X)30-ZN-65,CUM,TTY,,PHY,DERIV)
D4110.004	(42-MO-0(P,X)43-TC-96,,TTY,,PHY,RECOM)	(42-MO-0(P,X)43-TC-96,,TTY,,PHY,RECOM)
D4111.002.2	(7-N-14(P,A)6-C-11,,TTY,,DERIV)	(7-N-14(P,A)6-C-11,,TTY,,SAT,DERIV)
D4111.003.2	(8-O-16(P,A)7-N-13,,TTY,,DERIV)	(8-O-16(P,A)7-N-13,,TTY,,SAT,DERIV)
D4111.004.2	(7-N-15(P,N)8-O-15,,TTY,,DERIV)	(7-N-15(P,N)8-O-15,,TTY,,SAT,DERIV)
D4111.005.2	(7-N-14(D,N)8-O-15,,TTY,,DERIV)	(7-N-14(D,N)8-O-15,,TTY,,SAT,DERIV)
D4111.006.2	(8-O-18(P,N)9-F-18,,TTY,,PHY,RECOM)	(8-O-18(P,N)9-F-18,,TTY,,PHY,DERIV)
D4111.007.2	(10-NE-0(D,X)9-F-18,,TTY,,PHY,RECOM)	(10-NE-0(D,X)9-F-18,,TTY,,PHY,DERIV)

D4111.008.2	(31-GA-69(P,2N)32-GE-68,,TTY,,PHY,RECOM)	(31-GA-69(P,2N)32-GE-68,,TTY,,PHY,DERIV)
D4111.009.2	(31-GA-0(P,X)32-GE-68,,TTY,,PHY,RECOM)	(31-GA-0(P,X)32-GE-68,,TTY,,PHY,DERIV)
D4111.010.2	(37-RB-85(P,4N)38-SR-82,,TTY,,PHY,RECOM)	(37-RB-85(P,4N)38-SR-82,,TTY,,PHY,DERIV)
D4111.011.2	(37-RB-0(P,X)38-SR-82,,TTY,,PHY,RECOM)	(37-RB-0(P,X)38-SR-82,,TTY,,PHY,DERIV)
D4111.012.2	(52-TE-124(P,N)53-I-124,,TTY,,PHY,RECOM)	(52-TE-124(P,N)53-I-124,,TTY,,PHY,DERIV)
D4114.008.1	(37-RB-0(P,X)38-SR-82,,TTY,,DT)	(37-RB-0(P,X)38-SR-82,,TTY,,PHY,DERIV)
D4114.008.2	(37-RB-0(P,X)38-SR-85-G,M+,TTY,,DT)	(37-RB-0(P,X)38-SR-85-G,M+,TTY,,PHY,DERIV)
D4114.009.1	(37-RB-85(P,3N)38-SR-83,,TTY,,DT)	(37-RB-85(P,3N)38-SR-83,,TTY,,PHY,DERIV)
D4114.009.2	(37-RB-85(P,N)38-SR-85-G,M+,TTY,,DT)	(37-RB-85(P,N)38-SR-85-G,M+,TTY,,PHY,DERIV)
D4114 010 1	(for additional compilation)	(37-RB-0(P,X)37-RB-81-G,M+,TTY,,PHY)
D4114 010 2	(for additional compilation)	(37-RB-0(P,X)37-RB-82-M,,TTY,,PHY)
D4114 010 3	(for additional compilation)	(37-RB-0(P,X)37-RB-83,,TTY,,PHY)
D4114 010 4	(for additional compilation)	(37-RB-0(P,X)37-RB-84-G,M+,TTY,,PHY)
D4114 011 1	(for additional compilation)	(37-RB-0(P,X)37-RB-86-G,M+,TTY,,PHY)
D4114 011 2	(for additional compilation)	(37-RB-0(P,X)38-SR-82,,TTY,,PHY)
D4114 011 3	(for additional compilation)	(37-RB-0(P,X)38-SR-83-G,M+,TTY,,PHY)
D4114 011 4	(for additional compilation)	(37-RB-0(P,X)38-SR-85-G,M+,TTY,,PHY)
D4122.002	(48-CD-110(HE3,3N)50-SN-110,,TTY,,DT)	(48-CD-110(HE3,3N)50-SN-110,,TTY,,EOB/MSC)
D4125.004.2	(45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY,DERIV)
D4127.005.1	(37-RB-85(P,3N)38-SR-83,,TTY,,DT,DERIV)	(37-RB-85(P,3N)38-SR-83,,TTY,,EOB,DERIV)
D4127.005.2	(37-RB-85(P,3N)38-SR-83,,TTY,,DT,EXP)	(37-RB-85(P,3N)38-SR-83,,TTY,,EOB)
D4127.006.1	(36-KR-82(HE3,2N)38-SR-83,,TTY,,DT,CALC)	(36-KR-82(HE3,2N)38-SR-83,,TTY,,EOB,DERIV)
D4127.006.2	(36-KR-82(HE3,2N)38-SR-83,,TTY,,DT,EXP)	(36-KR-82(HE3,2N)38-SR-83,,TTY,,EOB)
D4127.007	(37-RB-85(P,4N)38-SR-82,,TTY,,DT,CALC)	(37-RB-85(P,4N)38-SR-82,,TTY,,EOB,DERIV)
D4135.002	(58-CE-140(HE3,3N)60-ND-140,,TTY,,DT)	(58-CE-140(HE3,3N)60-ND-140,,TTY,,EOB)
D4137.002	(26-FE-54(D,N)27-CO-55,,TTY,,DT)	(26-FE-54(D,N)27-CO-55,,TTY,,EOB)
D4138.006	(46-PD-110(D,N)47-AG-111,,TTY,,PHY,CALC)	(46-PD-110(D,N)47-AG-111,,TTY,,PHY,DERIV)

D4138.007	(46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,CALC)	(46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,DERIV)
D4138.008	(46-PD-0(D,X)47-AG-104-G,,TTY,,PHY,CALC)	(46-PD-0(D,X)47-AG-104-G,,TTY,,PHY,DERIV)
D4138.009	(46-PD-0(P,X)47-AG-104-G,,TTY,,PHY,CALC)	(46-PD-0(P,X)47-AG-104-G,,TTY,,PHY,DERIV)
D4143.009	(40-ZR-0(D,X)41-NB-91-M,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)41-NB-91-M,,TTY,,PHY,DERIV)
D4143.010	(40-ZR-0(D,X)41-NB-92-M,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)41-NB-92-M,,TTY,,PHY,DERIV)
D4143.011	(40-ZR-0(D,X)41-NB-95-G,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)41-NB-95-G,,TTY,,PHY,DERIV)
D4143.012	(40-ZR-0(D,X)40-ZR-89,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)40-ZR-89,,TTY,,PHY,DERIV)
D4143.013	(40-ZR-0(D,X)40-ZR-95,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)40-ZR-95,,TTY,,PHY,DERIV)
D4143.014	(40-ZR-0(D,X)39-Y-87,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)39-Y-87,,TTY,,PHY,DERIV)
D4143.015	(40-ZR-0(D,X)39-Y-88,,TTY,,PHY,DERIV)	(40-ZR-0(D,X)39-Y-88,,TTY,,PHY,DERIV)
D4144.007.1	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV)
D4144.007.2	(30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV)
D4144.007.3	(30-ZN-0(D,X)30-ZN-65,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)30-ZN-65,,TTY,,PHY,DERIV)
D4144.007.4	(30-ZN-0(D,X)30-ZN-62,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)30-ZN-62,,TTY,,PHY,DERIV)
D4144.007.5	(30-ZN-0(D,X)30-ZN-69-M,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)30-ZN-69-M,,TTY,,PHY,DERIV)
D4144.008.1	(30-ZN-0(D,X)29-CU-61,CUM,TTY,,PHY,DERIV)	(30-ZN-0(D,X)29-CU-61,CUM,TTY,,PHY,DERIV)
D4144.008.2	(30-ZN-0(D,X)29-CU-64,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)29-CU-64,,TTY,,PHY,DERIV)
D4144.008.3	(30-ZN-0(D,X)29-CU-67,CUM,TTY,,PHY,DERIV)	(30-ZN-0(D,X)29-CU-67,CUM,TTY,,PHY,DERIV)
D4144.008.4	(30-ZN-0(D,X)27-CO-58,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)27-CO-58,,TTY,,PHY,DERIV)
D4147.002.2	(30-ZN-67(P,N)31-GA-67,,TTY,,PHY,DERIV)	(30-ZN-67(P,N)31-GA-67,,TTY,,PHY,DERIV)
D4147.003.2	(30-ZN-68(P,2N)31-GA-67,,TTY,,PHY,DERIV)	(30-ZN-68(P,2N)31-GA-67,,TTY,,PHY,DERIV)
D4147.004.2	(48-CD-111(P,N)49-IN-111,,TTY,,PHY,DERIV)	(48-CD-111(P,N)49-IN-111,,TTY,,PHY,DERIV)
D4147.005.2	(48-CD-112(P,2N)49-IN-111,,TTY,,PHY,DERIV)	(48-CD-112(P,2N)49-IN-111,,TTY,,PHY,DERIV)
D4147.006.2	(52-TE-124(P,2N)53-I-123,,TTY,,PHY,DERIV)	(52-TE-124(P,2N)53-I-123,,TTY,,PHY,DERIV)
D4147.007.2	(52-TE-123(P,N)53-I-123,,TTY,,PHY,DERIV)	(52-TE-123(P,N)53-I-123,,TTY,,PHY,DERIV)
D4147.009.2	(53-I-127(P,3N)54-XE-125,,TTY,,PHY,DERIV)	(53-I-127(P,3N)54-XE-125,,TTY,,PHY,DERIV)
D4147.010.2	(53-I-127(P,5N)54-XE-123,,TTY,,PHY,DERIV)	(53-I-127(P,5N)54-XE-123,,TTY,,PHY,DERIV)
D4147.011.2	(36-KR-82(P,2N)37-RB-81,,TTY,,PHY,DERIV)	(36-KR-82(P,2N)37-RB-81,,TTY,,PHY,DERIV)
D4147.012.2	(36-KR-0(P,X)37-RB-81,,TTY,,PHY,DERIV)	(36-KR-0(P,X)37-RB-81,,TTY,,PHY,DERIV)
D4147.013.2	(81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY,DERIV)	(81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY,DERIV)
D4147.014.2	(81-TL-203(P,3N)82-PB-201,,TTY,,PHY,DERIV)	(81-TL-203(P,3N)82-PB-201,,TTY,,PHY,DERIV)

D4147.015.2	(81-TL-203(P,4N)82-PB-200,,TTY,,PHY,DERIV)	(81-TL-203(P,4N)82-PB-200,,TTY,,PHY,DERIV)
D4147.016.2	(54-XE-124(P,2N)55-CS-123,,TTY,,DERIV)	(54-XE-124(P,2N)55-CS-123,,TTY,,SAT,DERIV)
D4147.017.2	(54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV)	(54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV)
D4147.017.4	(54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV)	(54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV)
D4154.005.1	(78-PT-198(P,N)79-AU-198-G,,TTY,,PHY,CALC)	(78-PT-198(P,N)79-AU-198-G,,TTY,,PHY,DERIV)
D4154.005.2	(78-PT-198(D,2N)79-AU-198-G,,TTY,,PHY,CALC)	(78-PT-198(D,2N)79-AU-198-G,,TTY,,PHY,DERIV)
D4154.005.3	(78-PT-198(D,X)79-AU-199,,TTY,,PHY,CALC)	(78-PT-198(D,X)79-AU-199,,TTY,,PHY,DERIV)
D4158.012.1	(27-CO-59(HE3,N)29-CU-61,,TTY,,PHY,DERIV)	(27-CO-59(HE3,N)29-CU-61,,TTY,,PHY,DERIV)
D4158.012.2	(27-CO-59(HE3,2N)29-CU-60,,TTY,,PHY,DERIV)	(27-CO-59(HE3,2N)29-CU-60,,TTY,,PHY,DERIV)
D4159.005.1	(51-SB-0(A,X)53-I-123,,TTY,,PHY,DERIV)	(51-SB-0(A,X)53-I-123,,TTY,,PHY,DERIV)
D4159.005.2	(51-SB-0(A,X)53-I-124,,TTY,,PHY,DERIV)	(51-SB-0(A,X)53-I-124,,TTY,,PHY,DERIV)
D4159.005.3	(51-SB-0(A,X)53-I-125,,TTY,,PHY,DERIV)	(51-SB-0(A,X)53-I-125,,TTY,,PHY,DERIV)
D4159.005.4	(51-SB-0(A,X)53-I-126,,TTY,,PHY,DERIV)	(51-SB-0(A,X)53-I-126,,TTY,,PHY,DERIV)
D4159.006.1	(51-SB-121(A,2N)53-I-123,,TTY,,PHY,DERIV)	(51-SB-121(A,2N)53-I-123,,TTY,,PHY,DERIV)
D4159.006.2	(51-SB-121(A,N)53-I-124,,TTY,,PHY,DERIV)	(51-SB-121(A,N)53-I-124,,TTY,,PHY,DERIV)
D4160.011.1	(48-CD-113(D,N)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-113(D,N)49-IN-114-M,,TTY,,PHY,DERIV)
D4160.011.2	(48-CD-114(P,N)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-114(P,N)49-IN-114-M,,TTY,,PHY,DERIV)
D4160.011.3	(48-CD-114(D,2N)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-114(D,2N)49-IN-114-M,,TTY,,PHY,DERIV)
D4160.011.4	(48-CD-116(P,3N)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-116(P,3N)49-IN-114-M,,TTY,,PHY,DERIV)
D4160.012.1	(48-CD-0(P,X)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-0(P,X)49-IN-114-M,,TTY,,PHY,DERIV)
D4160.012.2	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY,DERIV)	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY,DERIV)
D4171.004.1	(51-SB-0(HE3,X)53-I-124,,TTY,,PHY/AV,DERIV)	(51-SB-0(HE3,X)53-I-124,,TTY,,PHY,DERIV)
D4171.004.2	(51-SB-0(HE3,X)53-I-123,,TTY,,PHY/AV,DERIV)	(51-SB-0(HE3,X)53-I-123,,TTY,,PHY,DERIV)
D4171.004.3	(51-SB-0(HE3,X)53-I-121,,TTY,,PHY/AV,DERIV)	(51-SB-0(HE3,X)53-I-121,,TTY,,PHY,DERIV)
D4175.003.2	(70-YB-176(D,X)71-LU-177-G,CUM,TTY,,PHY,DERIV)	(70-YB-176(D,X)71-LU-177-G,CUM,TTY,,PHY,DERIV)
D4191.003	(38-SR-0(P,X)39-Y-88,,TTY,,DT)	(38-SR-0(P,X)39-Y-88,,TTY,,(PHY))
D4191.004	(37-RB-0(A,X)39-Y-88,,TTY,,DT)	(37-RB-0(A,X)39-Y-88,,TTY,,(PHY))

D4191.005	(58-CE-0(HE3,X)60-ND-140,,TTY,,DT)	(58-CE-0(HE3,X)60-ND-140,,TTY,,(PHY))
D4191.006	(59-PR-141(P,2N)60-ND-140,,TTY,,DT)	(59-PR-141(P,2N)60-ND-140,,TTY,,(PHY))
D4223.003	(38-SR-88(P,N)39-Y-88,,TTY,,DT)	(38-SR-88(P,N)39-Y-88,,TTY,,PHY)
D4227.008.1	(73-TA-181(D,4N+P)73-TA-178-G,,TTY,,PHY,CALC)	(73-TA-181(D,X)73-TA-178-G,,TTY,,PHY,DERIV)
D4227.008.2	(73-TA-181(D,4N+P)73-TA-178-G,,TTY,,CALC)	(73-TA-181(D,X)73-TA-178-G,,TTY,,SAT,DERIV)
D4227.009.1	(73-TA-181(D,2N+P)73-TA-180-G,,TTY,,PHY,CALC)	(73-TA-181(D,X)73-TA-180-G,,TTY,,PHY,DERIV)
D4227.009.2	(73-TA-181(D,2N+P)73-TA-180-G,,TTY,,CALC)	(73-TA-181(D,X)73-TA-180-G,,TTY,,SAT,DERIV)
D4227.010.1	(73-TA-181(D,P)73-TA-182-G,,TTY,,PHY,CALC)	(73-TA-181(D,P)73-TA-182-G,,TTY,,PHY,DERIV)
D4227.010.2	(73-TA-181(D,P)73-TA-182-G,,TTY,,CALC)	(73-TA-181(D,P)73-TA-182-G,,TTY,,SAT,DERIV)
D4227.011.1	(73-TA-181(D,2N)74-W-181,,TTY,,PHY,CALC)	(73-TA-181(D,2N)74-W-181,,TTY,,PHY,DERIV)
D4227.011.2	(73-TA-181(D,2N)74-W-181,,TTY,,CALC)	(73-TA-181(D,2N)74-W-181,,TTY,,SAT,DERIV)
D4227.012.1	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY,CALC)	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY,DERIV)
D4227.012.2	(74-W-0(D,X)75-RE-182-M,,TTY,,CALC)	(74-W-0(D,X)75-RE-182-M,,TTY,,SAT,DERIV)
D4227.013.1	(74-W-0(D,X)75-RE-182-G,,TTY,,PHY,CALC)	(74-W-0(D,X)75-RE-182-G,,TTY,,PHY,DERIV)
D4227.013.2	(74-W-0(D,X)75-RE-182-G,,TTY,,CALC)	(74-W-0(D,X)75-RE-182-G,,TTY,,SAT,DERIV)
D4227.014.1	(74-W-0(D,X)75-RE-183,,TTY,,PHY,CALC)	(74-W-0(D,X)75-RE-183,,TTY,,PHY,DERIV)
D4227.014.2	(74-W-0(D,X)75-RE-183,,TTY,,CALC)	(74-W-0(D,X)75-RE-183,,TTY,,SAT,DERIV)
D4227.015.1	(74-W-0(D,X)75-RE-184-G,,TTY,,PHY,CALC)	(74-W-0(D,X)75-RE-184-G,,TTY,,PHY,DERIV)
D4227.015.2	(74-W-0(D,X)75-RE-184-G,,TTY,,CALC)	(74-W-0(D,X)75-RE-184-G,,TTY,,SAT,DERIV)
D4227.016.1	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY,CALC)	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY,DERIV)
D4227.016.2	(74-W-0(D,X)75-RE-186-G,,TTY,,CALC)	(74-W-0(D,X)75-RE-186-G,,TTY,,SAT,DERIV)
D4237.002	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY)	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY)
D4237.003	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY,DERIV)	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY)
D4237.004	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY,DERIV)	(55-CS-133(P,N)56-BA-133-G,,TTY,,PHY,DERIV)
D4288.011.1	(28-NI-0(D,X)27-CO-58,,TTY,,PHY)	(28-NI-0(D,X)27-CO-58,,TTY,,PHY)
D4288.011.2	(28-NI-0(D,X)27-CO-57,CUM,TTY,,PHY)	(28-NI-0(D,X)27-CO-57,CUM,TTY,,PHY)
D4288.011.3	(28-NI-0(D,X)27-CO-56,CUM,TTY,,PHY)	(28-NI-0(D,X)27-CO-56,CUM,TTY,,PHY)
D4288.011.4	(28-NI-0(D,X)27-CO-55,CUM,TTY,,PHY)	(28-NI-0(D,X)27-CO-55,CUM,TTY,,PHY)
D4288.012	(28-NI-0(D,X)28-NI-57,CUM,TTY,,PHY)	(28-NI-0(D,X)28-NI-57,CUM,TTY,,PHY)

D6082.002	(40-ZR-90(3-LI-7,X)2-HE-4,,TTY,,DT)	(40-ZR-90(3-LI-7,X)2-HE-4,,TTY,,EOB)
D6082.003	(40-ZR-90(3-LI-7,X)43-TC-94,,TTY,,DT)	(40-ZR-90(3-LI-7,X)43-TC-94,,TTY,,EOB)
D6082.004	(40-ZR-90(3-LI-7,X)43-TC-95,,TTY,,DT)	(40-ZR-90(3-LI-7,X)43-TC-95,,TTY,,EOB)
D6082.005	(40-ZR-90(3-LI-7,X)42-MO-93-M,,TTY,,DT)	(40-ZR-90(3-LI-7,X)42-MO-93-M,,TTY,,EOB)
D6082.006	(40-ZR-90(3-LI-7,X)41-NB-90,,TTY,,DT)	(40-ZR-90(3-LI-7,X)41-NB-90,,TTY,,EOB)
D6094.002	(39-Y-89(3-LI-7,X)42-MO-93-M,,TTY,,DT)	(39-Y-89(3-LI-7,X)42-MO-93-M,,TTY,,EOB)
D6094.003	(39-Y-89(3-LI-7,X)39-Y-90-M,,TTY,,DT)	(39-Y-89(3-LI-7,X)39-Y-90-M,,TTY,,EOB)
D6094.004	(39-Y-89(3-LI-7,X)39-Y-91-M,,TTY,,DT)	(39-Y-89(3-LI-7,X)39-Y-91-M,,TTY,,EOB)
D6096.002	(39-Y-89(4-BE-9,X)43-TC-93-G,M+,TTY,,DT)	(39-Y-89(4-BE-9,X)43-TC-93-G,M+,TTY,,EOB)
D6096.003	(39-Y-89(4-BE-9,X)43-TC-94-G,,TTY,,DT)	(39-Y-89(4-BE-9,X)43-TC-94-G,,TTY,,EOB)
D6096.004	(39-Y-89(4-BE-9,X)43-TC-95-G,M+,TTY,,DT)	(39-Y-89(4-BE-9,X)43-TC-95-G,M+,TTY,,EOB)
D6201.002	(41-NB-93(3-LI-7,3N)44-RU-97,,TTY,,PHY/MSC)	(41-NB-93(3-LI-7,3N)44-RU-97,,TTY,,EOB)
D6201.003	(41-NB-93(3-LI-7,X)43-TC-96,,TTY,,PHY/MSC)	(41-NB-93(3-LI-7,X)43-TC-96,,TTY,,EOB)
D6201.004	(41-NB-93(3-LI-7,X)43-TC-95,,TTY,,PHY/MSC)	(41-NB-93(3-LI-7,X)43-TC-95,,TTY,,EOB)
D6201.005	(41-NB-93(3-LI-7,X)42-MO-93-M,,TTY,,PHY/MSC)	(41-NB-93(3-LI-7,X)42-MO-93-M,,TTY,,EOB)
D6202.002	(59-PR-141(6-C-12,4N)65-TB-149,,TTY,,PHY/MSC)	(59-PR-141(6-C-12,4N)65-TB-149,,TTY,,EOB)
D6202.003	(59-PR-141(6-C-12,3N)65-TB-150,,TTY,,PHY/MSC)	(59-PR-141(6-C-12,3N)65-TB-150,,TTY,,EOB)
D6202.004	(59-PR-141(6-C-12,2N)65-TB-151,,TTY,,PHY/MSC)	(59-PR-141(6-C-12,2N)65-TB-151,,TTY,,EOB)
D6202.005	(59-PR-141(6-C-12,X)64-GD-149,,TTY,,PHY/MSC)	(59-PR-141(6-C-12,X)64-GD-149,,TTY,,EOB)
D6233.002	(39-Y-89(6-C-12,X)ELEM/MASS,,TTY,,PHY/MSC)	(39-Y-89(6-C-12,X)ELEM/MASS,,TTY,,EOB)
D7006.016	(72-HF-0(P,X)72-HF-173,,TTY,,PHY,DERIV)	(72-HF-0(P,X)72-HF-173,,TTY,,PHY,DERIV)
D7006.017	(72-HF-0(P,X)72-HF-175,,TTY,,PHY,DERIV)	(72-HF-0(P,X)72-HF-175,,TTY,,PHY,DERIV)
D7006.018	(72-HF-0(P,X)72-HF-179-M2,,TTY,,PHY,DERIV)	(72-HF-0(P,X)72-HF-179-M2,,TTY,,PHY,DERIV)
D7006.019	(72-HF-0(P,X)72-HF-180-M,,TTY,,PHY,DERIV)	(72-HF-0(P,X)72-HF-180-M,,TTY,,PHY,DERIV)
D7006.020	(72-HF-0(P,X)71-LU-172,,TTY,,PHY,DERIV)	(72-HF-0(P,X)71-LU-172,,TTY,,PHY,DERIV)
D7006.021	(72-HF-0(P,X)71-LU-173,,TTY,,PHY,DERIV)	(72-HF-0(P,X)71-LU-173,,TTY,,PHY,DERIV)

D7006.022	(72-HF-0(P,X)71-LU-177-G,,TTY,,PHY,DERIV)	(72-HF-0(P,X)71-LU-177-G,,TTY,,PHY,DERIV)
D7006.023	(72-HF-0(P,X)73-TA-173,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-173,,TTY,,PHY,DERIV)
D7006.024	(72-HF-0(P,X)73-TA-174,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-174,,TTY,,PHY,DERIV)
D7006.025	(72-HF-0(P,X)73-TA-175,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-175,,TTY,,PHY,DERIV)
D7006.026	(72-HF-0(P,X)73-TA-176,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-176,,TTY,,PHY,DERIV)
D7006.027	(72-HF-0(P,X)73-TA-177,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-177,,TTY,,PHY,DERIV)
D7006.028	(72-HF-0(P,X)73-TA-178-M,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-178-M,,TTY,,PHY,DERIV)
D7006.029	(72-HF-0(P,X)73-TA-180-G,,TTY,,PHY,DERIV)	(72-HF-0(P,X)73-TA-180-G,,TTY,,PHY,DERIV)
D7014.014	(39-Y-89(A,X)41-NB-89-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)41-NB-89-M,,TTY,,PHY,DERIV)
D7014.015	(39-Y-89(A,X)41-NB-89-G,,TTY,,PHY,DERIV)	(39-Y-89(A,X)41-NB-89-G,,TTY,,PHY,DERIV)
D7014.016	(39-Y-89(A,X)41-NB-90,,TTY,,PHY,DERIV)	(39-Y-89(A,X)41-NB-90,,TTY,,PHY,DERIV)
D7014.017	(39-Y-89(A,X)41-NB-91-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)41-NB-91-M,,TTY,,PHY,DERIV)
D7014.018	(39-Y-89(A,X)41-NB-92-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)41-NB-92-M,,TTY,,PHY,DERIV)
D7014.019	(39-Y-89(A,X)40-ZR-88,,TTY,,PHY,DERIV)	(39-Y-89(A,X)40-ZR-88,,TTY,,PHY,DERIV)
D7014.020	(39-Y-89(A,X)40-ZR-89-G,,TTY,,PHY,DERIV)	(39-Y-89(A,X)40-ZR-89-G,,TTY,,PHY,DERIV)
D7014.021	(39-Y-89(A,X)39-Y-87-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)39-Y-87-M,,TTY,,PHY,DERIV)
D7014.022	(39-Y-89(A,X)39-Y-87,,TTY,,PHY,DERIV)	(39-Y-89(A,X)39-Y-87,,TTY,,PHY,DERIV)
D7014.023	(39-Y-89(A,X)39-Y-88,,TTY,,PHY,DERIV)	(39-Y-89(A,X)39-Y-88,,TTY,,PHY,DERIV)
D7014.024	(39-Y-89(A,X)39-Y-90-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)39-Y-90-M,,TTY,,PHY,DERIV)
D7014.025	(39-Y-89(A,X)39-Y-91-M,,TTY,,PHY,DERIV)	(39-Y-89(A,X)39-Y-91-M,,TTY,,PHY,DERIV)
D7015.011	(29-CU-0(P,X)30-ZN-62,,TTY,,PHY,DERIV)	(29-CU-0(P,X)30-ZN-62,,TTY,,PHY,DERIV)
D7015.012	(29-CU-0(P,X)30-ZN-65,,TTY,,PHY,DERIV)	(29-CU-0(P,X)30-ZN-65,,TTY,,PHY,DERIV)
D7015.013	(29-CU-0(P,X)29-CU-61,,TTY,,PHY,DERIV)	(29-CU-0(P,X)29-CU-61,,TTY,,PHY,DERIV)
D7015.014	(29-CU-0(P,X)29-CU-64,,TTY,,PHY,DERIV)	(29-CU-0(P,X)29-CU-64,,TTY,,PHY,DERIV)
D7015.015	(29-CU-0(P,X)28-NI-57,,TTY,,PHY,DERIV)	(29-CU-0(P,X)28-NI-57,,TTY,,PHY,DERIV)
D7015.016	(29-CU-0(P,X)27-CO-56,,TTY,,PHY,DERIV)	(29-CU-0(P,X)27-CO-56,,TTY,,PHY,DERIV)
D7015.017	(29-CU-0(P,X)27-CO-57,,TTY,,PHY,DERIV)	(29-CU-0(P,X)27-CO-57,,TTY,,PHY,DERIV)
D7015.018	(29-CU-0(P,X)27-CO-58,,TTY,,PHY,DERIV)	(29-CU-0(P,X)27-CO-58,,TTY,,PHY,DERIV)
D7015.019	(29-CU-0(P,X)27-CO-60,,TTY,,PHY,DERIV)	(29-CU-0(P,X)27-CO-60,,TTY,,PHY,DERIV)
E1875.002	(49-IN-0(D,X)50-SN-113-G,M+,TTY,,DT)	(49-IN-0(D,X)50-SN-113-G,M+,TTY,,EOB/FCT)
E1875.003	(49-IN-0(A,X)50-SN-117-M,,TTY,,DT)	(49-IN-0(A,X)50-SN-117-M,,TTY,,EOB/FCT)

E1875.004	(48-CD-0(A,X)50-SN-113-G,M+,TTY,,DT)	(48-CD-0(A,X)50-SN-113-G,M+,TTY,,EOB/FCT)
E1875.005	(48-CD-0(A,X)50-SN-117-M,,TTY,,DT)	(48-CD-0(A,X)50-SN-117-M,,TTY,,EOB/FCT)
E1893.022	(3-LI-7(D,X)4-BE-7,,TTY,,PHY)	(3-LI-7(D,X)4-BE-7,,TTY,,PHY)
E1893.023	(4-BE-9(D,X)4-BE-7,,TTY,,PHY)	(4-BE-9(D,X)4-BE-7,,TTY,,PHY)
E1961.003	(27-CO-59(A,2N)29-CU-61,,TTY,,DT,DERIV)	(27-CO-59(A,2N)29-CU-61,,TTY,,PHY,DERIV)
E1961.005	(27-CO-59(A,X)27-CO-58-G,M+,TTY,,DT,DERIV)	(27-CO-59(A,X)27-CO-58-G,M+,TTY,,PHY,DERIV)
E1961.007	(27-CO-59(A,X)27-CO-57,,TTY,,DT,DERIV)	(27-CO-59(A,X)27-CO-57,,TTY,,PHY,DERIV)
E1961.009	(27-CO-59(HE3,N)29-CU-61,,TTY,,DT,DERIV)	(27-CO-59(HE3,N)29-CU-61,,TTY,,EOB,DERIV)
E1961.011	(27-CO-59(HE3,X)27-CO-58-G,M+,TTY,,DT,DERIV)	(27-CO-59(HE3,X)27-CO-58-G,M+,TTY,,PHY,DERIV)
E1961.013	(27-CO-59(HE3,X)27-CO-57,CUM,TTY,,DT,DERIV)	(27-CO-59(HE3,X)27-CO-57,CUM,TTY,,PHY,DERIV)
E1961.015	(27-CO-59(HE3,X)27-CO-56,CUM,TTY,,DT,DERIV)	(27-CO-59(HE3,X)27-CO-56,CUM,TTY,,PHY,DERIV)
E1963.007	(47-AG-109(HE3,N)49-IN-111,,TTY,,PHY,DERIV)	(47-AG-109(HE3,N)49-IN-111,,TTY,,(PHY),DERIV)
E1963.008	(47-AG-109(HE3,2N)49-IN-110-G,,TTY,,PHY,DERIV)	(47-AG-109(HE3,2N)49-IN-110-G,,TTY,,(PHY),DERIV)
E1963.009	(47-AG-0(HE3,X)49-IN-109,,TTY,,PHY,DERIV)	(47-AG-0(HE3,X)49-IN-109,,TTY,,(PHY),DERIV)
E1964.002	(21-SC-45(P,X)21-SC-44-M,,TTY,,DT)	(21-SC-45(P,X)21-SC-44-M,,TTY,,EOB)
E1964.003	(21-SC-45(P,X)21-SC-44-G,(M),TTY,,DT)	(21-SC-45(P,X)21-SC-44-G,(M),TTY,,EOB)
E1964.004	(22-TI-46(P,A)21-SC-43,,TTY,,DT)	(22-TI-46(P,A)21-SC-43,,TTY,,EOB)
E1964.005	(22-TI-47(P,A)21-SC-44-G,(M),TTY,,DT)	(22-TI-47(P,A)21-SC-44-G,(M),TTY,,EOB)
E1964.006	(22-TI-0(P,X)23-V-48,,TTY,,DT)	(22-TI-0(P,X)23-V-48,,TTY,,EOB)
E1964.007	(23-V-51(P,N)24-CR-51,,TTY,,DT)	(23-V-51(P,N)24-CR-51,,TTY,,EOB)
E1964.008	(24-CR-0(P,X)25-MN-52-G,M+,TTY,,DT)	(24-CR-0(P,X)25-MN-52-G,M+,TTY,,EOB)
E1964.009	(26-FE-0(P,X)27-CO-56,,TTY,,DT)	(26-FE-0(P,X)27-CO-56,,TTY,,EOB)
E1964.010	(27-CO-59(P,X)27-CO-58-G,M+,TTY,,DT)	(27-CO-59(P,X)27-CO-58-G,M+,TTY,,EOB)
E1964.011	(28-NI-58(P,A)27-CO-55,,TTY,,DT)	(28-NI-58(P,A)27-CO-55,,TTY,,EOB)
E1964.012	(28-NI-58(P,X)28-NI-57,CUM,TTY,,DT)	(28-NI-58(P,X)28-NI-57,CUM,TTY,,EOB)
E1964.013	(28-NI-0(P,X)29-CU-61,,TTY,,DT)	(28-NI-0(P,X)29-CU-61,,TTY,,EOB)
E1964.014	(29-CU-63(P,2N)30-ZN-62,,TTY,,DT)	(29-CU-63(P,2N)30-ZN-62,,TTY,,EOB)
E1964.015	(29-CU-65(P,N)30-ZN-65,,TTY,,DT)	(29-CU-65(P,N)30-ZN-65,,TTY,,EOB)
E1964.016	(29-CU-65(P,X)29-CU-64,,TTY,,DT)	(29-CU-65(P,X)29-CU-64,,TTY,,EOB)
E1964.017	(30-ZN-66(P,N)31-GA-66,,TTY,,DT)	(30-ZN-66(P,N)31-GA-66,,TTY,,EOB)

E1964.018	(30-ZN-0(P,X)31-GA-67,,TTY,,DT)	(30-ZN-0(P,X)31-GA-67,,TTY,,EOB)
E1964.019	(32-GE-0(P,X)33-AS-72,,TTY,,DT)	(32-GE-0(P,X)33-AS-72,,TTY,,EOB)
E1964.020	(32-GE-74(P,N)33-AS-74,,TTY,,DT)	(32-GE-74(P,N)33-AS-74,,TTY,,EOB)
E1964.021	(32-GE-76(P,N)33-AS-76,,TTY,,DT)	(32-GE-76(P,N)33-AS-76,,TTY,,EOB)
E1964.022	(39-Y-89(P,N)40-ZR-89-G,M+,TTY,,DT)	(39-Y-89(P,N)40-ZR-89-G,M+,TTY,,EOB)
E1964.023	(40-ZR-0(P,X)41-NB-90-G,M+,TTY,,DT)	(40-ZR-0(P,X)41-NB-90-G,M+,TTY,,EOB)
E1964.024	(40-ZR-92(P,N)41-NB-92-M,,TTY,,DT)	(40-ZR-92(P,N)41-NB-92-M,,TTY,,EOB)
E1964.025	(40-ZR-96(P,N)41-NB-96,,TTY,,DT)	(40-ZR-96(P,N)41-NB-96,,TTY,,EOB)
E1964.026	(41-NB-93(P,X)41-NB-92-M,,TTY,,DT)	(41-NB-93(P,X)41-NB-92-M,,TTY,,EOB)
E1964.027	(41-NB-93(P,N)42-MO-93-M,,TTY,,DT)	(41-NB-93(P,N)42-MO-93-M,,TTY,,EOB)
E1964.028	(42-MO-94(P,2N)43-TC-93-G,M+,TTY,,DT)	(42-MO-94(P,2N)43-TC-93-G,M+,TTY,,EOB)
E1964.029	(42-MO-0(P,X)43-TC-94-G,(M),TTY,,DT)	(42-MO-0(P,X)43-TC-94-G,(M),TTY,,EOB)
E1964.030	(42-MO-0(P,X)43-TC-95-G,(M),TTY,,DT)	(42-MO-0(P,X)43-TC-95-G,(M),TTY,,EOB)
E1964.031	(42-MO-96(P,X)43-TC-96-G,M+,TTY,,DT)	(42-MO-96(P,X)43-TC-96-G,M+,TTY,,EOB)
E1964.032	(42-MO-100(P,X)43-TC-99-M,(CUM),TTY,,DT)	(42-MO-100(P,X)43-TC-99-M,(CUM),TTY,,EOB)
E1964.033	(47-AG-107(P,N)48-CD-107,,TTY,,DT)	(47-AG-107(P,N)48-CD-107,,TTY,,EOB)
E1964.034	(50-SN-0(P,X)51-SB-116-M,,TTY,,DT/A)	(50-SN-0(P,X)51-SB-116-M,,TTY,,EOB/A)
E1964.035	(50-SN-117(P,N)51-SB-117,,TTY,,DT)	(50-SN-117(P,N)51-SB-117,,TTY,,EOB)
E1964.036	(50-SN-0(P,X)51-SB-118-M,,TTY,,DT)	(50-SN-0(P,X)51-SB-118-M,,TTY,,EOB)
E1964.037	(50-SN-120(P,N)51-SB-120-M,,TTY,,DT)	(50-SN-120(P,N)51-SB-120-M,,TTY,,EOB)
E1964.038	(50-SN-122(P,N)51-SB-122-G,M+,TTY,,DT)	(50-SN-122(P,N)51-SB-122-G,M+,TTY,,EOB)
E1964.039	(73-TA-181(P,X)73-TA-180-G,CUM,TTY,,DT)	(73-TA-181(P,X)73-TA-180-G,CUM,TTY,,EOB)
E1964.040	(73-TA-181(P,N)74-W-181,,TTY,,DT)	(73-TA-181(P,N)74-W-181,,TTY,,EOB)
E1964.041	(74-W-182(P,2N)75-RE-181,,TTY,,DT)	(74-W-182(P,2N)75-RE-181,,TTY,,EOB)
E1964.042	(74-W-182(P,N)75-RE-182-M,,TTY,,DT)	(74-W-182(P,N)75-RE-182-M,,TTY,,EOB)
E1964.043	(78-PT-194(P,2N)79-AU-193-G,M+,TTY,,DT)	(78-PT-194(P,2N)79-AU-193-G,M+,TTY,,EOB)
E1964.044	(78-PT-0(P,X)79-AU-194-G,M+,TTY,,DT)	(78-PT-0(P,X)79-AU-194-G,M+,TTY,,EOB)
E1964.045	(78-PT-196(P,N)79-AU-196-G,M+,TTY,,DT)	(78-PT-196(P,N)79-AU-196-G,M+,TTY,,EOB)
E1964.046	(78-PT-198(P,N)79-AU-198-G,(M),TTY,,DT)	(78-PT-198(P,N)79-AU-198-G,(M),TTY,,EOB)
E1964.047	(79-AU-197(P,X)79-AU-196-G,M+,TTY,,DT)	(79-AU-197(P,X)79-AU-196-G,M+,TTY,,EOB)
E1964.048.1	(79-AU-197(P,X)80-HG-197-G,M+,TTY,,DT)	(79-AU-197(P,X)80-HG-197-G,M+,TTY,,EOB)
E1964.048.2	(79-AU-197(P,X)80-HG-197,,TTY,,DT)	(79-AU-197(P,X)80-HG-197,,TTY,,EOB)
E1964.049	(79-AU-197(P,N)80-HG-197-M,,TTY,,DT)	(79-AU-197(P,N)80-HG-197-M,,TTY,,EOB)
E1964.050	(82-PB-204(P,N)83-BI-204,,TTY,,DT)	(82-PB-204(P,N)83-BI-204,,TTY,,EOB)

E1964.051	(82-PB-0(P,X)83-BI-206,,TTY,,DT)	(82-PB-0(P,X)83-BI-206,,TTY,,EOB)
E1964.052	(21-SC-45(A,N+A)21-SC-44-G,(M),TTY,,DT)	(21-SC-45(A,N+A)21-SC-44-G,(M),TTY,,EOB)
E1964.053	(21-SC-45(A,N+A)21-SC-44-M,,TTY,,DT)	(21-SC-45(A,N+A)21-SC-44-M,,TTY,,EOB)
E1964.054	(21-SC-45(A,X)21-SC-47,CUM,TTY,,DT)	(21-SC-45(A,X)21-SC-47,CUM,TTY,,EOB)
E1964.055	(21-SC-45(A,N)23-V-48,,TTY,,DT)	(21-SC-45(A,N)23-V-48,,TTY,,EOB)
E1964.056	(22-TI-46(A,X)23-V-48,CUM,TTY,,DT)	(22-TI-46(A,X)23-V-48,CUM,TTY,,EOB)
E1964.057	(22-TI-46(A,N)24-CR-49,,TTY,,DT)	(22-TI-46(A,N)24-CR-49,,TTY,,EOB)
E1964.058	(22-TI-46(A,2N)24-CR-48,,TTY,,DT)	(22-TI-46(A,2N)24-CR-48,,TTY,,EOB)
E1964.059	(22-TI-0(A,X)24-CR-51,,TTY,,DT)	(22-TI-0(A,X)24-CR-51,,TTY,,EOB)
E1964.060	(23-V-51(A,3N)25-MN-52-G,M+,TTY,,DT)	(23-V-51(A,3N)25-MN-52-G,M+,TTY,,EOB)
E1964.061	(23-V-51(A,N)25-MN-54,,TTY,,DT)	(23-V-51(A,N)25-MN-54,,TTY,,EOB)
E1964.062	(24-CR-50(A,X)25-MN-52-G,CUM,TTY,,DT)	(24-CR-50(A,X)25-MN-52-G,CUM,TTY,,EOB)
E1964.063	(24-CR-50(A,2N)26-FE-52-G,,TTY,,DT)	(24-CR-50(A,2N)26-FE-52-G,,TTY,,EOB)
E1964.064	(24-CR-52(A,X)25-MN-54,,TTY,,DT)	(24-CR-52(A,X)25-MN-54,,TTY,,EOB)
E1964.065	(24-CR-54(A,X)25-MN-56,CUM,TTY,,DT)	(24-CR-54(A,X)25-MN-56,CUM,TTY,,EOB)
E1964.066	(26-FE-54(A,X)27-CO-56,CUM,TTY,,DT)	(26-FE-54(A,X)27-CO-56,CUM,TTY,,EOB)
E1964.067	(26-FE-0(A,X)28-NI-57,,TTY,,DT)	(26-FE-0(A,X)28-NI-57,,TTY,,EOB)
E1964.068	(26-FE-56(A,X)27-CO-58-G,M+,TTY,,DT)	(26-FE-56(A,X)27-CO-58-G,M+,TTY,,EOB)
E1964.069	(27-CO-59(A,X)27-CO-61,CUM,TTY,,DT)	(27-CO-59(A,X)27-CO-61,CUM,TTY,,EOB)
E1964.070	(27-CO-59(A,2N)29-CU-61,,TTY,,DT)	(27-CO-59(A,2N)29-CU-61,,TTY,,EOB)
E1964.071	(28-NI-58(A,X)29-CU-61,CUM,TTY,,DT)	(28-NI-58(A,X)29-CU-61,CUM,TTY,,EOB)
E1964.072	(29-CU-63(A,N)31-GA-66,,TTY,,DT)	(29-CU-63(A,N)31-GA-66,,TTY,,EOB)
E1964.073	(29-CU-65(A,2N)31-GA-67,,TTY,,DT)	(29-CU-65(A,2N)31-GA-67,,TTY,,EOB)
E1964.074	(32-GE-70(A,X)33-AS-72,(CUM),TTY,,DT)	(32-GE-70(A,X)33-AS-72,(CUM),TTY,,EOB)
E1964.075	(32-GE-70(A,N)34-SE-73-G,M+,TTY,,DT)	(32-GE-70(A,N)34-SE-73-G,M+,TTY,,EOB)
E1964.076	(39-Y-89(A,N)41-NB-92-M,,TTY,,DT)	(39-Y-89(A,N)41-NB-92-M,,TTY,,EOB)
E1964.077	(40-ZR-90(A,N)42-MO-93-M,,TTY,,DT)	(40-ZR-90(A,N)42-MO-93-M,,TTY,,EOB)
E1964.078	(40-ZR-96(A,X)42-MO-99,CUM,TTY,,DT)	(40-ZR-96(A,X)42-MO-99,CUM,TTY,,EOB)
E1964.079	(41-NB-93(A,2N)43-TC-95-G,(M),TTY,,DT)	(41-NB-93(A,2N)43-TC-95-G,(M),TTY,,EOB)
E1964.080	(41-NB-93(A,N)43-TC-96-G,M+,TTY,,DT)	(41-NB-93(A,N)43-TC-96-G,M+,TTY,,EOB)
E1964.081	(42-MO-92(A,X)43-TC-94-G,(CUM),TTY,,DT)	(42-MO-92(A,X)43-TC-94-G,(CUM),TTY,,EOB)
E1964.082.1	(42-MO-92(A,X)43-TC-95-G,CUM,TTY,,DT)	(42-MO-92(A,X)43-TC-95-G,CUM,TTY,,EOB)
E1964.082.2	(42-MO-92(A,P)43-TC-95-G,M+,TTY,,DT)	(42-MO-92(A,P)43-TC-95-G,M+,TTY,,EOB)
E1964.083	(42-MO-92(A,X)43-TC-95-M,CUM,TTY,,DT)	(42-MO-92(A,X)43-TC-95-M,CUM,TTY,,EOB)

E1964.084	(42-MO-92(A,N)44-RU-95,,TTY,,DT)	(42-MO-92(A,N)44-RU-95,,TTY,,EOB)
E1964.085	(42-MO-94(A,N)44-RU-97,,TTY,,DT)	(42-MO-94(A,N)44-RU-97,,TTY,,EOB)
E1964.086	(42-MO-100(A,X)44-RU-103,CUM,TTY,,DT)	(42-MO-100(A,X)44-RU-103,CUM,TTY,,EOB)
E1964.087	(45-RH-103(A,N)47-AG-106-M,,TTY,,DT)	(45-RH-103(A,N)47-AG-106-M,,TTY,,EOB)
E1964.088	(45-RH-103(A,2N)47-AG-105-G,M+,TTY,,DT)	(45-RH-103(A,2N)47-AG-105-G,M+,TTY,,EOB)
E1964.089	(47-AG-107(A,2N)49-IN-109-G,M+,TTY,,DT)	(47-AG-107(A,2N)49-IN-109-G,M+,TTY,,EOB)
E1964.090	(47-AG-107(A,N)49-IN-110-G,,TTY,,DT)	(47-AG-107(A,N)49-IN-110-G,,TTY,,EOB)
E1964.091	(47-AG-109(A,2N)49-IN-111-G,M+,TTY,,DT)	(47-AG-109(A,2N)49-IN-111-G,M+,TTY,,EOB)
E1964.092	(73-TA-181(A,2N)75-RE-183,,TTY,,DT)	(73-TA-181(A,2N)75-RE-183,,TTY,,EOB)
E1964.093	(73-TA-181(A,N)75-RE-184-G,(M),TTY,,DT)	(73-TA-181(A,N)75-RE-184-G,(M),TTY,,EOB)
E1964.094	(74-W-182(A,3N)76-OS-183-G,M+,TTY,,DT)	(74-W-182(A,3N)76-OS-183-G,M+,TTY,,EOB)
E1964.095	(74-W-0(A,X)76-OS-185,,TTY,,DT)	(74-W-0(A,X)76-OS-185,,TTY,,EOB)
E1964.096	(74-W-186(A,X)74-W-187,CUM,TTY,,DT)	(74-W-186(A,X)74-W-187,CUM,TTY,,EOB)
E1964.097	(78-PT-194(A,N)80-HG-197-M,,TTY,,DT)	(78-PT-194(A,N)80-HG-197-M,,TTY,,EOB)
E1965.002	(22-TI-48(P,N)23-V-48,,TTY,,DT)	(22-TI-48(P,N)23-V-48,,TTY,,EOB)
E1965.003	(24-CR-52(P,N)25-MN-52-G,M+,TTY,,DT)	(24-CR-52(P,N)25-MN-52-G,M+,TTY,,EOB)
E1965.004	(26-FE-56(P,N)27-CO-56,,TTY,,DT)	(26-FE-56(P,N)27-CO-56,,TTY,,EOB)
E1965.005	((28-NI-61(P,N)29-CU-61,,TTY,,DT/A)+ (28-NI-60(P,G)29-CU-61,,TTY,,DT/A))	(28-NI-0(P,X)29-CU-61,,TTY,,EOB)
E1965.006	(29-CU-63(P,N)30-ZN-63,,TTY,,DT)	(29-CU-63(P,N)30-ZN-63,,TTY,,EOB)
E1965.007	(30-ZN-66(P,N)31-GA-66,,TTY,,DT)	(30-ZN-66(P,N)31-GA-66,,TTY,,EOB)
E1965.008	(31-GA-69(P,N)32-GE-69,,TTY,,DT)	(31-GA-69(P,N)32-GE-69,,TTY,,EOB)
E1965.009	(32-GE-72(P,N)33-AS-72,,TTY,,DT)	(32-GE-72(P,N)33-AS-72,,TTY,,EOB)
E1965.010	(33-AS-75(P,N)34-SE-75,,TTY,,DT)	(33-AS-75(P,N)34-SE-75,,TTY,,EOB)
E1965.011	(34-SE-82(P,N)35-BR-82-G,(M),TTY,,DT)	(34-SE-82(P,N)35-BR-82-G,(M),TTY,,EOB)
E1965.012	(40-ZR-90(P,N)41-NB-90-G,M+,TTY,,DT)	(40-ZR-90(P,N)41-NB-90-G,M+,TTY,,EOB)
E1965.013	(41-NB-93(P,N)42-MO-93-M,,TTY,,DT)	(41-NB-93(P,N)42-MO-93-M,,TTY,,EOB)
E1965.014	(42-MO-95(P,N)43-TC-95-G,M+,TTY,,DT)	(42-MO-95(P,N)43-TC-95-G,M+,TTY,,EOB)
E1965.015	(48-CD-111(P,N)49-IN-111-G,M+,TTY,,DT)	(48-CD-111(P,N)49-IN-111-G,M+,TTY,,EOB)
E1965.016	(50-SN-122(P,N)51-SB-122-G,M+,TTY,,DT)	(50-SN-122(P,N)51-SB-122-G,M+,TTY,,EOB)
E1965.017	(51-SB-121(P,N)52-TE-121-G,(M),TTY,,DT)	(51-SB-121(P,N)52-TE-121-G,(M),TTY,,EOB)
E1965.018	(52-TE-130(P,N)53-I-130-G,M+,TTY,,DT)	(52-TE-130(P,N)53-I-130-G,M+,TTY,,EOB)
E1965.019	(82-PB-206(P,N)83-BI-206,,TTY,,DT)	(82-PB-206(P,N)83-BI-206,,TTY,,EOB)

E1967.010	(35-BR-79(A,2N)37-RB-81-G,M+,TTY,,DT,DERIV)	(35-BR-79(A,2N)37-RB-81-G,M+,TTY,,EOB,DERIV)
E1967.011	(35-BR-0(HE3,X)37-RB-81-G,M+,TTY,,DT,DERIV)	(35-BR-0(HE3,X)37-RB-81-G,M+,TTY,,EOB,DERIV)
E1967.012	(35-BR-81(HE3,2N)37-RB-82-M,,TTY,,DT,DERIV)	(35-BR-81(HE3,2N)37-RB-82-M,,TTY,,EOB,DERIV)
E1967.013	(35-BR-0(HE3,X)36-KR-79-G,CUM,TTY,,DT,DERIV)	(35-BR-0(HE3,X)36-KR-79-G,CUM,TTY,,EOB,DERIV)
E1968.011	(32-GE-0(P,X)32-GE-68,CUM,TTY,,DT,DERIV)	(32-GE-0(P,X)32-GE-68,CUM,TTY,,EOB,DERIV)
E2073.003	(27-CO-59(A,2N)29-CU-61,,TTY,,DT,DERIV)	(27-CO-59(A,2N)29-CU-61,,TTY,,(PHY),DERIV)
E2073.005	(27-CO-59(HE3,N)29-CU-61,,TTY,,DT,DERIV)	(27-CO-59(HE3,N)29-CU-61,,TTY,,(PHY),DERIV)
E2082.003	(74-W-CMP(P,X)75-RE-186-G,,TTY,,,CALC)	(74-W-CMP(P,X)75-RE-186-G,,TTY,,EOB,CALC)
E2082.004	(74-W-186(P,N)75-RE-186-G,,TTY,,,CALC)	(74-W-186(P,N)75-RE-186-G,,TTY,,EOB,CALC)
E2086.002	(16-S-32(A,X)17-CL-34-M,,TTY,,DT)	(16-S-32(A,X)17-CL-34-M,,TTY,,EOB)
E2103.002	(16-S-32(A,X)17-CL-34-M,,TTY)	(16-S-32(A,X)17-CL-34-M,,TTY,,SAT)
E2138.002	(28-NI-64(P,N)29-CU-64,,TTY,,DT)	(28-NI-64(P,N)29-CU-64,,TTY,,EOB)
E2153.008	(51-SB-0(A,X)53-I-123,,TTY,,DT)	(51-SB-0(A,X)53-I-123,,TTY,,PHY,DERIV)
E2153.009	(51-SB-0(A,X)53-I-124,,TTY,,DT)	(51-SB-0(A,X)53-I-124,,TTY,,PHY,DERIV)
E2153.010	(51-SB-0(A,X)53-I-125,,TTY,,DT)	(51-SB-0(A,X)53-I-125,,TTY,,PHY,DERIV)
E2153.011	(51-SB-0(HE3,X)53-I-121,,TTY,,DT)	(51-SB-0(HE3,X)53-I-121,,TTY,,PHY,DERIV)
E2153.012	(51-SB-0(HE3,X)53-I-123,,TTY,,DT)	(51-SB-0(HE3,X)53-I-123,,TTY,,PHY,DERIV)
E2153.013	(51-SB-0(HE3,X)53-I-124,,TTY,,DT)	(51-SB-0(HE3,X)53-I-124,,TTY,,PHY,DERIV)
E2323.003	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)	(3-LI-0(D,X)4-BE-7,,TTY,,PHY)
E2323.004	(13-AL-27(D,X)11-NA-24,,TTY,,PHY)	(13-AL-27(D,X)11-NA-24,,TTY,,PHY)
E2323.005	(13-AL-27(D,X)11-NA-22,,TTY,,PHY)	(13-AL-27(D,X)11-NA-22,,TTY,,PHY)
E2323.006	(6-C-0(D,X)4-BE-7,,TTY,,PHY)	(6-C-0(D,X)4-BE-7,,TTY,,PHY)
E2323.007	(13-AL-27(D,X)4-BE-7,,TTY,,PHY)	(13-AL-27(D,X)4-BE-7,,TTY,,PHY)
E2392.003	(12-MG-26(A,P)13-AL-29,,TTY)	(12-MG-26(A,P)13-AL-29,,TTY,,SAT)

E2395.008	(30-ZN-0(A,X)31-GA-67,,TTY,,EOB,DERIV)	(30-ZN-0(A,X)31-GA-67,,TTY,,EOB,DERIV)
E2395.009	(30-ZN-0(HE3,X)31-GA-67,,TTY,,EOB,DERIV)	(30-ZN-0(HE3,X)31-GA-67,,TTY,,EOB,DERIV)
E2395.010	(30-ZN-0(A,X)32-GE-68,,TTY,,EOB,DERIV)	(30-ZN-0(A,X)32-GE-68,,TTY,,EOB,DERIV)
E2395.011	(30-ZN-0(HE3,X)32-GE-68,,TTY,,EOB,DERIV)	(30-ZN-0(HE3,X)32-GE-68,,TTY,,EOB,DERIV)
E2396.005	(42-MO-95(P,N)43-TC-95-M,,TTY,,EOB,DERIV)	(42-MO-95(P,N)43-TC-95-M,,TTY,,EOB,DERIV)
E2397.004	(25-MN-55(P,4N)26-FE-52-G,,TTY,,EOB,DERIV)	(25-MN-55(P,4N)26-FE-52-G,,TTY,,EOB,DERIV)
E2404.009	(22-TI-0(D,X)23-V-48,,TTY,,PHY,DERIV)	(22-TI-0(D,X)23-V-48,,TTY,,PHY,DERIV)
E2404.010	(22-TI-0(D,X)21-SC-43,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-43,,TTY,,PHY,DERIV)
E2404.011	(22-TI-0(D,X)21-SC-44-M,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-44-M,,TTY,,PHY,DERIV)
E2404.012	(22-TI-0(D,X)21-SC-44-G,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-44-G,,TTY,,PHY,DERIV)
E2404.013	(22-TI-0(D,X)21-SC-46,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-46,,TTY,,PHY,DERIV)
E2404.014	(22-TI-0(D,X)21-SC-47,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-47,,TTY,,PHY,DERIV)
E2404.015	(22-TI-0(D,X)21-SC-48,,TTY,,PHY,DERIV)	(22-TI-0(D,X)21-SC-48,,TTY,,PHY,DERIV)
E2439.011	(26-FE-0(D,X)27-CO-55,,TTY,,PHY,DERIV)	(26-FE-0(D,X)27-CO-55,,TTY,,PHY,DERIV)
E2439.012	(26-FE-0(D,X)27-CO-56,,TTY,,PHY,DERIV)	(26-FE-0(D,X)27-CO-56,,TTY,,PHY,DERIV)
E2439.013	(26-FE-0(D,X)27-CO-57,,TTY,,PHY,DERIV)	(26-FE-0(D,X)27-CO-57,,TTY,,PHY,DERIV)
E2439.014	(26-FE-0(D,X)27-CO-58,,TTY,,PHY,DERIV)	(26-FE-0(D,X)27-CO-58,,TTY,,PHY,DERIV)
E2439.015	(26-FE-0(D,X)25-MN-52-G,,TTY,,PHY,DERIV)	(26-FE-0(D,X)25-MN-52-G,,TTY,,PHY,DERIV)
E2439.016	(26-FE-0(D,X)25-MN-54,,TTY,,PHY,DERIV)	(26-FE-0(D,X)25-MN-54,,TTY,,PHY,DERIV)
E2439.017	(26-FE-0(D,X)25-MN-56,,TTY,,PHY,DERIV)	(26-FE-0(D,X)25-MN-56,,TTY,,PHY,DERIV)
E2439.018	(26-FE-0(D,X)24-CR-51,,TTY,,PHY,DERIV)	(26-FE-0(D,X)24-CR-51,,TTY,,PHY,DERIV)
E2439.019	(26-FE-0(D,X)26-FE-59,,TTY,,PHY,DERIV)	(26-FE-0(D,X)26-FE-59,,TTY,,PHY,DERIV)
E2476.002	(83-BI-209(A,2N)85-AT-211,,TTY,,EOB)	(83-BI-209(A,2N)85-AT-211,,TTY,,EOB)
F0577.004	(7-N-15(P,A)6-C-12,PAR,TTY,,REL)	(7-N-15(P,A)6-C-12,PAR,PY,,TT/REL)
F0618.002	(15-P-31(A,N)17-CL-34-M,,TTY,,DT)	(15-P-31(A,N)17-CL-34-M,,TTY,,EOB)
F0618.003	(16-S-32(A,N+P)17-CL-34-M,,TTY,,DT)	(16-S-32(A,X)17-CL-34-M,,TTY,,EOB)

F0618.004	(17-CL-35(A,N+A)17-CL-34-M,,TTY,,DT)	(17-CL-35(A,N+A)17-CL-34-M,,TTY,,EOB)
F0703.002	(8-O-16(T,N)9-F-18,,TTY,,REL)	(8-O-16(T,N)9-F-18,,TTY,,REL)
F0703.003	(13-AL-27(T,P)13-AL-29,,TTY,,REL)	(13-AL-27(T,P)13-AL-29,,TTY,,REL)
F0703.004	(12-MG-25(T,P)12-MG-27,,TTY,,REL)	(12-MG-25(T,P)12-MG-27,,TTY,,REL)
F0703.005	(12-MG-26(T,P)12-MG-28,,TTY,,REL)	(12-MG-26(T,P)12-MG-28,,TTY,,REL)
F0703.006	(14-SI-28(T,N)15-P-30,,TTY,,REL)	(14-SI-28(T,N)15-P-30,,TTY,,REL)
F0703.007	(5-B-10(T,2N)6-C-11,,TTY,,REL)	(5-B-10(T,2N)6-C-11,,TTY,,REL)
F0703.008	(16-S-32(T,N)17-CL-34-M,,TTY,,REL)	(16-S-32(T,N)17-CL-34-M,,TTY,,REL)
F0703.009	(31-GA-71(T,P)31-GA-73,,TTY,,REL)	(31-GA-71(T,P)31-GA-73,,TTY,,REL)
F0703.010	(33-AS-75(T,D)33-AS-76,,TTY,,REL)	(33-AS-75(T,D)33-AS-76,,TTY,,REL)
F0999.002	((30-ZN-67(P,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY/A))	(30-ZN-0(P,X)31-GA-67,,TTY,,PHY)
F0999.003	((30-ZN-66(D,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY/A))	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY)
F0999.004	((30-ZN-64(A,P)31-GA-67,,TTY,,PHY/A)+ (30-ZN-64(A,N)32-GE-67,,TTY,,PHY/A)+ (30-ZN-66(A,2N+P)31-GA-67,,TTY,,PHY/A)+ (30-ZN-66(A,3N)32-GE-67,,TTY,,PHY/A))	(30-ZN-0(A,X)31-GA-67,CUM,TTY,,PHY)
F0999.005	(29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A)	(29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A)
F0999.006	((30-ZN-67(P,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY/A))	((30-ZN-67(P,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY/A))
F0999.007	((30-ZN-66(D,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY/A))	((30-ZN-66(D,N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY/A)+ (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY/A))
F0999.008	((30-ZN-64(A,P)31-GA-67,,TTY,,PHY/A)+ (30-ZN-64(A,N)32-GE-67,,TTY,,PHY/A)+ (30-ZN-66(A,2N+P)31-GA-67,,TTY,,PHY/A)+ (30-ZN-66(A,3N)32-GE-67,,TTY,,PHY/A))	((30-ZN-64(A,P)31-GA-67,,TTY,,PHY/A)+ (30-ZN-64(A,N)32-GE-67,,TTY,,PHY/A)+ (30-ZN-66(A,X)31-GA-67,,TTY,,PHY/A)+ (30-ZN-66(A,3N)32-GE-67,,TTY,,PHY/A))
F0999.009	(29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A)	(29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A)
F0999.010	((32-GE-70(P,A)31-GA-67,,TTY,,PHY/A)+ (32-GE-72(P,2N+A)31-GA-67,,TTY,,PHY/A))	((32-GE-0(P,X)31-GA-67,,TTY,,PHY)
F0999.011	((32-GE-70(D,N+A)31-GA-67,,TTY,,PHY/A)+ (32-GE-72(D,3N+A)31-GA-67,,TTY,,PHY/A))	((32-GE-0(D,X)31-GA-67,,TTY,,PHY)

F1214.002	(24-CR-0(P,X)25-MN-52,,TTY,,PHY)	(24-CR-0(P,X)25-MN-52,,TTY,,PHY)
F1214.003	(24-CR-0(D,X)25-MN-52,,TTY,,PHY)	(24-CR-0(D,X)25-MN-52,,TTY,,PHY)
F1214.004	((24-CR-0(A,X)25-MN-52,,TTY,,PHY)= (24-CR-50(A,X)25-MN-52,,TTY,,PHY))	(24-CR-0(A,X)25-MN-52,,TTY,,PHY)
F1214.005	((23-V-0(A,X)25-MN-52,,TTY,,PHY)= (23-V-51(A,3N)25-MN-52,,TTY,,PHY))	(23-V-0(A,X)25-MN-52,,TTY,,PHY)
F1214.006	((26-FE-0(D,X)25-MN-52,,TTY,,PHY)= (26-FE-54(D,A)25-MN-52,,TTY,,PHY))	(26-FE-0(D,X)25-MN-52,,TTY,,PHY)
F1220.004	(12-MG-0(D,X)11-NA-22,,TTY,,PHY)	(12-MG-0(D,X)11-NA-22,,TTY,,PHY)
F1220.006	(26-FE-54(D,A)25-MN-52-G,,TTY,,PHY)	(26-FE-54(D,A)25-MN-52-G,,TTY,,PHY)
F1220.009	(26-FE-54(D,N)27-CO-55,,TTY,,PHY)	(26-FE-54(D,N)27-CO-55,,TTY,,PHY)
F1220.012	(30-ZN-66(D,2N)31-GA-66,,TTY,,PHY)	(30-ZN-66(D,2N)31-GA-66,,TTY,,PHY)
F1221.003	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY,DERIV)	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY,DERIV)
F1221.004	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY)	(29-CU-65(D,2N)30-ZN-65,,TTY,,PHY)
F1224.002	(24-CR-0(P,X)25-MN-54,,TTY,,PHY)	(24-CR-0(P,X)25-MN-54,,TTY,,PHY)
F1224.003	(25-MN-55(P,X)25-MN-54,,TTY,,PHY)	(25-MN-55(P,X)25-MN-54,,TTY,,PHY)
F1224.004	(24-CR-0(D,X)25-MN-54,,TTY,,PHY)	(24-CR-0(D,X)25-MN-54,,TTY,,PHY)
F1224.005	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)
F1224.006	(23-V-51(A,N)25-MN-54,,TTY,,PHY)	(23-V-51(A,N)25-MN-54,,TTY,,PHY)
F1224.007	(24-CR-0(A,X)25-MN-54,,TTY,,PHY)	(24-CR-0(A,X)25-MN-54,,TTY,,PHY)
F1224.008	(25-MN-55(P,X)25-MN-54,,TTY,,PHY)	(25-MN-55(P,X)25-MN-54,,TTY,,PHY)
F1224.009	(24-CR-0(P,X)25-MN-54,,TTY,,PHY)	(24-CR-0(P,X)25-MN-54,,TTY,,PHY)
F1224.010	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)	(26-FE-0(D,X)25-MN-54,,TTY,,PHY)
F1224.011	(24-CR-0(D,X)25-MN-54,,TTY,,PHY)	(24-CR-0(D,X)25-MN-54,,TTY,,PHY)
F1224.012	(24-CR-0(A,X)25-MN-54,,TTY,,PHY)	(24-CR-0(A,X)25-MN-54,,TTY,,PHY)
F1224.013	(23-V-0(A,X)25-MN-54,,TTY,,PHY)	(23-V-0(A,X)25-MN-54,,TTY,,PHY)
F1231.002	(63-EU-0(D,X)64-GD-151,,TTY,,PHY)	(63-EU-0(D,X)64-GD-151,,TTY,,PHY)
F1231.003	(63-EU-0(D,X)64-GD-151,,TTY,,PHY)	(63-EU-0(D,X)64-GD-151,,TTY,,PHY)
F1231.004	(63-EU-0(D,X)64-GD-153,,TTY,,PHY)	(63-EU-0(D,X)64-GD-153,,TTY,,PHY)

F1231.005	(63-EU-0(D,X)64-GD-153,,TTY,,PHY)	(63-EU-0(D,X)64-GD-153,,TTY,,PHY)
F1231.006	(63-EU-0(P,X)64-GD-151,,TTY,,PHY)	(63-EU-0(P,X)64-GD-151,,TTY,,PHY)
F1231.007	(63-EU-0(P,X)64-GD-151,,TTY,,PHY)	(63-EU-0(P,X)64-GD-151,,TTY,,PHY)
F1231.008	(63-EU-0(P,X)64-GD-153,,TTY,,PHY)	(63-EU-0(P,X)64-GD-153,,TTY,,PHY)
F1231.009	(63-EU-0(P,X)64-GD-153,,TTY,,PHY)	(63-EU-0(P,X)64-GD-153,,TTY,,PHY)
F1236.002	(38-SR-0(A,X)40-ZR-89,,TTY,,PHY)	(38-SR-0(A,X)40-ZR-89,,TTY,,PHY)
F1236.003	(38-SR-0(A,X)40-ZR-88,,TTY,,PHY)	(38-SR-0(A,X)40-ZR-88,,TTY,,PHY)
F1240.005	(47-AG-109(D,2N)48-CD-109,,TTY,,PHY)	(47-AG-109(D,2N)48-CD-109,,TTY,,PHY)
F1240.006	(47-AG-109(P,N)48-CD-109,,TTY,,PHY)	(47-AG-109(P,N)48-CD-109,,TTY,,PHY)
F1240.007	(47-AG-107(A,X)48-CD-109,,TTY,,PHY)	(47-AG-107(A,X)48-CD-109,,TTY,,PHY)
M0036.002	(82-PB-0(G,X)0-NN-1,,TTY/DA,,BRA/REL)	(82-PB-0(G,X)0-NN-1,,PY/DA,,TT/BRA/REL)
M0036.008	(82-PB-0(G,X)0-NN-1,,TTY/DA,,BRA/REL)	(82-PB-0(G,X)0-NN-1,,PY/DA,,TT/BRA/REL)
M0036.014	(82-PB-0(G,X)0-NN-1,,TTY,,BRA/REL)	(82-PB-0(G,X)0-NN-1,,PY,,TT/BRA/REL)
M0601.004	(92-U-235(G,X)0-NN-1,,TTY,,BRS/REL,EXP)	(92-U-235(G,X)0-NN-1,,PY,,TT/BRS/REL)
M0601.005	(92-U-235(G,X)0-NN-1,,TTY,,BRS/REL,EXP)	(92-U-235(G,X)0-NN-1,,PY,,TT/BRS/REL)
M0623.008	(12-MG-0(G,X)1-H-1,,TTY,,REL,EXP)	(12-MG-0(G,X)1-H-1,,PY,,TT/REL)
M0623.009	((15-P-31(G,P)14-SI-30,,TTY,,REL,EXP)+ (15-P-31(G,N+P)14-SI-29,,TTY,,REL,EXP))	((15-P-31(G,P)14-SI-30,,PY,,TT/REL)+ (15-P-31(G,X)14-SI-29,,PY,,TT/REL))
M0623.010	((16-S-32(G,P)15-P-31,,TTY,,REL,EXP)+ (16-S-32(G,N+P)15-P-30,,TTY,,REL,EXP))	((16-S-32(G,P)15-P-31,,PY,,TT/REL)+ (16-S-32(G,X)15-P-30,,PY,,TT/REL))
M0754.002	(49-IN-115(G,INL)49-IN-115-M,,TTY,,BRA/REL)	(49-IN-115(G,INL)49-IN-115-M,,SIG,,BRA/REL)
O0298.002.2	(43-TC-99(P,3N)44-RU-97,,TTY,,DT)	(43-TC-99(P,3N)44-RU-97,,TTY,,(PHY))
O0298.003.2	(43-TC-99(P,4N+P)43-TC-95-G,,TTY,,DT)	(43-TC-99(P,X)43-TC-95-G,,TTY,,(PHY))
O0298.004.2	(43-TC-99(P,3N+P)43-TC-96-G,,TTY,,DT)	(43-TC-99(P,X)43-TC-96-G,,TTY,,(PHY))
O0306.011	(82-PB-206(P,X)81-TL-201,CUM,TTY,,DT)	(82-PB-206(P,X)81-TL-201,CUM,TTY,,(PHY)/MSC)
O0306.012	(82-PB-206(P,X)81-TL-200,CUM,TTY,,DT)	(82-PB-206(P,X)81-TL-200,CUM,TTY,,(PHY))

O0306.013	(82-PB-206(P,X)81-TL-202,CUM,TTY,,DT)	(82-PB-206(P,X)81-TL-202,CUM,TTY,,(PHY))
O0306.014	(82-PB-207(P,X)81-TL-201,CUM,TTY,,DT)	(82-PB-207(P,X)81-TL-201,CUM,TTY,,(PHY)/MSC)
O0306.015	(82-PB-207(P,X)81-TL-200,CUM,TTY,,DT)	(82-PB-207(P,X)81-TL-200,CUM,TTY,,(PHY))
O0306.016	(82-PB-207(P,X)81-TL-202,CUM,TTY,,DT)	(82-PB-207(P,X)81-TL-202,CUM,TTY,,(PHY))
O0306.017	(82-PB-208(P,X)81-TL-201,CUM,TTY,,DT)	(82-PB-208(P,X)81-TL-201,CUM,TTY,,(PHY)/MSC)
O0306.018	(82-PB-208(P,X)81-TL-200,CUM,TTY,,DT)	(82-PB-208(P,X)81-TL-200,CUM,TTY,,(PHY))
O0306.019	(82-PB-208(P,X)81-TL-202,,TTY,,DT)	(82-PB-208(P,X)81-TL-202,,TTY,,(PHY))
O0530.002	(27-CO-59(P,X)26-FE-55,,TTY,,PHY)	(27-CO-59(P,X)26-FE-55,,TTY,,PHY)
O0530.003.1	(27-CO-59(P,X)26-FE-59,,TTY,,PHY)	(27-CO-59(P,X)26-FE-59,,TTY,,PHY)
O0530.003.2	((27-CO-59(P,X)26-FE-59,,TTY,,PHY)/ (27-CO-59(P,X)26-FE-55,,TTY,,PHY))	((27-CO-59(P,X)26-FE-59,,TTY,,PHY)/ (27-CO-59(P,X)26-FE-55,,TTY,,PHY))
O0530.004	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV)	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV)
O0530.005	(25-MN-55(P,N)26-FE-55,,TTY,,PHY)	(25-MN-55(P,N)26-FE-55,,TTY,,PHY)
O0530.006	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY)	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY)
O0530.007	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV)	(27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV)
O0530.008	(28-NI-0(P,X)26-FE-55,CUM,TTY,,PHY)	(28-NI-0(P,X)26-FE-55,CUM,TTY,,PHY)
O0674.002	(28-NI-58(P,A)27-CO-55,,TTY,,DT)	(28-NI-58(P,A)27-CO-55,,TTY,,EOB/FCT)
O0674.003	(28-NI-58(P,2P)27-CO-57,,TTY,,DT)	(28-NI-58(P,2P)27-CO-57,,TTY,,PHY)
O0772.002	(74-W-186(P,A)73-TA-183,,TTY,,DT)	(74-W-186(P,A)73-TA-183,,TTY,,EOB/FCT)
O0778.002	(30-ZN-0(D,X)ELEM/MASS,,TTY,,PHY)	(30-ZN-0(D,X)ELEM/MASS,,TTY,,PHY)
O0778.003	(30-ZN-0(D,X)29-CU-64,,TTY,,TM)	(30-ZN-0(D,X)29-CU-64,,TTY/DEN,,PHY)
O0778.004	(30-ZN-0(D,X)29-CU-61,CUM,TTY,,TM)	(30-ZN-0(D,X)29-CU-61,CUM,TTY/DEN,,PHY)
O0847.002	(36-KR-0(P,X)37-RB-84-M,IND,TTY,,DT)	(36-KR-0(P,X)37-RB-84-M,,TTY/DEN,,PHY)
O0847.003	(36-KR-0(P,X)37-RB-81-G,IND/M+,TTY,,DT)	(36-KR-0(P,X)37-RB-81-G,M+,TTY/DEN,,PHY)
O0847.004	(36-KR-0(P,X)37-RB-82-M,IND,TTY,,DT)	(36-KR-0(P,X)37-RB-82-M,,TTY/DEN,,PHY)
O0901.065	((3-LI-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((3-LI-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.066	((4-BE-9(P,X)0-NN-1,,TTY)//	((4-BE-9(P,X)0-NN-1,,PY,,TT)//

	(82-PB-0(P,X)0-NN-1,,TTY))	(82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.067	((5-B-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((5-B-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.068	((6-C-12(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((6-C-12(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.069	((7-N-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((7-N-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.070	((12-MG-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((12-MG-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.071	((14-SI-OXI(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((14-SI-OXI(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.072	((8-O-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((8-O-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.073	((11-NA-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((11-NA-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.074	((13-AL-27(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((13-AL-27(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.075	((14-SI-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((14-SI-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.076	((15-P-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((15-P-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.077	((16-S-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((16-S-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.078	((17-CL-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((17-CL-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.079	((19-K-CMP(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((19-K-CMP(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.080	((20-CA-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((20-CA-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.081	((22-TI-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((22-TI-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.082	((23-V-51(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((23-V-51(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.083	((26-FE-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((26-FE-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.084	((27-CO-59(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((27-CO-59(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.085	((28-NI-0(P,X)0-NN-1,,TTY)//	((28-NI-0(P,X)0-NN-1,,PY,,TT)//

	(82-PB-0(P,X)0-NN-1,,TTY))	(82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.086	((29-CU-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((29-CU-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.087	((30-ZN-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((30-ZN-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.088	((32-GE-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((32-GE-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.089	((39-Y-89(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((39-Y-89(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.090	((40-ZR-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((40-ZR-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.091	((41-NB-93(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((41-NB-93(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.092	((42-MO-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((42-MO-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.093	((44-RU-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((44-RU-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.094	((46-PD-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((46-PD-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.095	((47-AG-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((47-AG-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.096	((48-CD-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((48-CD-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.097	((49-IN-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((49-IN-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.098	((50-SN-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((50-SN-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.099	((51-SB-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((51-SB-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.100	((64-GD-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((64-GD-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.101	((70-YB-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((70-YB-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.102	((72-HF-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((72-HF-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.103	((73-TA-181(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((73-TA-181(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.104	((74-W-0(P,X)0-NN-1,,TTY)//	((74-W-0(P,X)0-NN-1,,PY,,TT)//

	(82-PB-0(P,X)0-NN-1,,TTY))	(82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.105	((78-PT-0(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((78-PT-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.106	((79-AU-197(P,X)0-NN-1,,TTY)// (82-PB-0(P,X)0-NN-1,,TTY))	((79-AU-197(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT))
O0901.107	(82-PB-0(P,X)0-NN-1,,TTY,,REL)	(82-PB-0(P,X)0-NN-1,,PY,,TT)// (82-PB-0(P,X)0-NN-1,,PY,,TT)
O0902.002	(22-TI-0(P,G)23-V-49,,TTY,,REL)	(22-TI-0(P,G)23-V-49,,PY,,TT/REL)
O1010.005.2	(45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY,DERIV)
O1016.003	(40-ZR-0(P,N)41-NB-90,,TTY,,DT)	(40-ZR-0(P,N)41-NB-90,,TTY,,EOB/A)
O1017.002	(24-CR-CMP(D,X)ELEM/MASS,,TTY,,DT)	(24-CR-CMP(D,X)ELEM/MASS,,TTY,,EOB)
O1037.002	(48-CD-110(HE3,3N)50-SN-110,,TTY,,DT)	(48-CD-110(HE3,3N)50-SN-110,,TTY,,EOB)
O1062.002	(30-ZN-0(P,X)30-ZN-65,,TTY,,DT/AV)	(30-ZN-0(P,X)30-ZN-65,,TTY/DEN,,PHY)
O1062.003	(30-ZN-0(P,X)31-GA-67,,TTY,,DT/AV)	(30-ZN-0(P,X)31-GA-67,,TTY/DEN,,PHY)
O1062.004	(30-ZN-0(P,X)31-GA-66,,TTY,,DT/AV)	(30-ZN-0(P,X)31-GA-66,,TTY/DEN,,PHY)
O1084.002	(1-H-2(D,P)1-H-3,,TTY,,REL)	(1-H-2(D,P)1-H-3,,TTY,,PHY/REL)
O1084.003	(1-H-2(D,P)1-H-3,,TTY,,REL)	(1-H-2(D,P)1-H-3,,TTY,,PHY/REL)
O1261.002	(23-V-51(P,X)22-TI-44,,TTY,,DT)	(23-V-51(P,X)22-TI-44,,TTY,,PHY)
O1261.003	(25-MN-55(P,4N)26-FE-52-G,,TTY,,DT)	(25-MN-55(P,4N)26-FE-52-G,,TTY,,(PHY))
O1261.004	(35-BR-CMP(P,X)36-KR-77,,TTY,,DT)	(35-BR-CMP(P,X)36-KR-77,,TTY,,(PHY))
O1261.005	(37-RB-CMP(P,X)38-SR-82,,TTY,,DT)	(37-RB-CMP(P,X)38-SR-82,,TTY,,(PHY))
O1261.006	(43-TC-99(P,3N)44-RU-97,,TTY,,DT)	(43-TC-99(P,3N)44-RU-97,,TTY,,(PHY))
O1261.007	(48-CD-113(P,3N)49-IN-111,,TTY,,DT)	(48-CD-113(P,3N)49-IN-111,,TTY,,(PHY))
O1261.008	(48-CD-114(P,4N)49-IN-111,,TTY,,DT)	(48-CD-114(P,4N)49-IN-111,,TTY,,(PHY))
O1261.009	(53-I-127(P,5N)54-XE-123,,TTY,,DT)	(53-I-127(P,5N)54-XE-123,,TTY,,(PHY))
O1261.010	(55-CS-133(P,X)54-XE-127,,TTY,,DT)	(55-CS-133(P,X)54-XE-127,,TTY,,(PHY))

O1261.011	(55-CS-133(P,6N)56-BA-128,,TTY,,DT)	(55-CS-133(P,6N)56-BA-128,,TTY,,(PHY))
O1261.012	(82-PB-206(P,X)81-TL-201,CUM,TTY,,DT)	(82-PB-206(P,X)81-TL-201,CUM,TTY,,(PHY))
O1261.013	(82-PB-207(P,X)81-TL-201,,TTY,,DT)	(82-PB-207(P,X)81-TL-201,,TTY,,(PHY))
O1261.014	(82-PB-208(P,X)81-TL-201,,TTY,,DT)	(82-PB-208(P,X)81-TL-201,,TTY,,(PHY))
O1264.002.0	(80-HG-CMP(P,X)81-TL-200,,TTY,,DT)	(80-HG-CMP(P,X)81-TL-200,,TTY,,EOB)
O1264.002.1	(80-HG-CMP(P,X)81-TL-201,,TTY,,DT)	(80-HG-CMP(P,X)81-TL-201,,TTY,,EOB)
O1264.002.2	(80-HG-CMP(P,X)81-TL-202,,TTY,,DT)	(80-HG-CMP(P,X)81-TL-202,,TTY,,EOB)
O1264.003.0	(80-HG-0(P,X)81-TL-200,,TTY,,DT)	(80-HG-0(P,X)81-TL-200,,TTY,,EOB)
O1264.003.1	(80-HG-0(P,X)81-TL-201,,TTY,,DT)	(80-HG-0(P,X)81-TL-201,,TTY,,EOB)
O1264.003.2	(80-HG-0(P,X)81-TL-202,,TTY,,DT)	(80-HG-0(P,X)81-TL-202,,TTY,,EOB)
O1275.002.1	(83-BI-209(A,2N)85-AT-211,,TTY)	(83-BI-209(A,2N)85-AT-211,,TTY,,SAT)
O1275.002.2	(83-BI-209(A,2N)85-AT-211,,TTY,,DT)	(83-BI-209(A,2N)85-AT-211,,TTY,,PHY)
O1332.002	(52-TE-123(P,INL)52-TE-123-M,,TTY,,DT)	(52-TE-123(P,INL)52-TE-123-M,,TTY,,PHY)
O1333.002	(12-MG-CMP(D,X)11-NA-22,,TTY,,DT)	(12-MG-CMP(D,X)11-NA-22,,TTY,,PHY)
O1337.002	(26-FE-56(6-C-12,X)31-GA-66,CUM,TTY,,DT)	(26-FE-56(6-C-12,X)31-GA-66,CUM,TTY,,EOB)
O1337.003	(26-FE-57(6-C-12,X)31-GA-67,CUM,TTY,,DT)	(26-FE-57(6-C-12,X)31-GA-67,CUM,TTY,,PHY)
O1337.004	(26-FE-57(7-N-14,X)27-CO-58,,TTY,,DT)	(26-FE-57(7-N-14,X)27-CO-58,,TTY,,PHY)
O1337.005	(26-FE-57(7-N-14,X)30-ZN-65,CUM,TTY,,DT)	(26-FE-57(7-N-14,X)30-ZN-65,CUM,TTY,,PHY)
O1337.006	(26-FE-57(7-N-14,X)31-GA-66,CUM,TTY,,DT)	(26-FE-57(7-N-14,X)31-GA-66,CUM,TTY,,EOB)
O1337.007	(26-FE-57(7-N-14,X)31-GA-67,CUM,TTY,,DT)	(26-FE-57(7-N-14,X)31-GA-67,CUM,TTY,,PHY)
O1337.008	(26-FE-57(7-N-14,X)32-GE-69,CUM,TTY,,DT)	(26-FE-57(7-N-14,X)32-GE-69,CUM,TTY,,EOB)
O1508.002.1	(30-ZN-64(D,2P)29-CU-64,,TTY,,PHY/MS)	(30-ZN-64(D,2P)29-CU-64,,TTY,,EOB)
O1508.002.2	(30-ZN-64(D,2P)29-CU-64,,TTY,,SAT)	(30-ZN-64(D,2P)29-CU-64,,TTY,,SAT)
O1508.003	(30-ZN-64(D,X)ELEM/MASS,,TTY,,PHY/MS)	(30-ZN-64(D,X)ELEM/MASS,,TTY,,EOB)
O1511.007	(59-PR-141(P,X)58-CE-139,,TTY,,DT,DERIV)	(59-PR-141(P,X)58-CE-139,,TTY,,PHY)
O1511.008	(57-LA-0(P,X)58-CE-139,,TTY,,DT)	(57-LA-0(P,X)58-CE-139,,TTY,,PHY)
O1511.009.2	(57-LA-0(P,X)58-CE-139,,TTY,,DT,DERIV)	(57-LA-0(P,X)58-CE-139,,TTY,,PHY)

O1538.002	(52-TE-125(P,2N)53-I-124,,TTY,,DT)	(52-TE-125(P,2N)53-I-124,,TTY,,PHY)
O1582.006	(52-TE-0(D,X)53-I-124,,TTY,,DT)	(52-TE-0(D,X)53-I-124,,TTY,,EOB)
O1582.007	(52-TE-0(D,X)53-I-125,,TTY,,DT)	(52-TE-0(D,X)53-I-125,,TTY,,EOB)
O1582.008	(52-TE-0(D,X)53-I-126,,TTY,,DT)	(52-TE-0(D,X)53-I-126,,TTY,,EOB)
O1582.009	(52-TE-0(D,X)53-I-131,,TTY,,DT)	(52-TE-0(D,X)53-I-131,,TTY,,EOB)
O1582.010	(52-TE-124(D,X)53-I-124,,TTY,,DT/FCT)	(52-TE-124(D,X)53-I-124,,TTY,,EOB/FCT)
O1582.011	(52-TE-124(D,X)53-I-125,,TTY,,DT/FCT)	(52-TE-124(D,X)53-I-125,,TTY,,EOB/FCT)
O1582.012	(52-TE-124(D,X)53-I-126,,TTY,,DT/FCT)	(52-TE-124(D,X)53-I-126,,TTY,,EOB/FCT)
O1583.002	(52-TE-124(P,N)53-I-124,,TTY,,DT)	(52-TE-124(P,N)53-I-124,,TTY,,(PHY))
O1584.002	(52-TE-124(P,2N)53-I-123,,TTY,,DT)	(52-TE-124(P,2N)53-I-123,,TTY,,EOB)
O1585.002	(48-CD-0(P,X)49-IN-111,,TTY,,DT)	(48-CD-0(P,X)49-IN-111,,TTY,,PHY)
O1585.003	(48-CD-0(D,X)49-IN-111,,TTY,,DT)	(48-CD-0(D,X)49-IN-111,,TTY,,PHY)
O1585.004	(47-AG-109(A,2N)49-IN-111,,TTY,,DT)	(47-AG-109(A,2N)49-IN-111,,TTY,,PHY)
O1585.005	(48-CD-0(P,X)49-IN-114-M,,TTY,,DT)	(48-CD-0(P,X)49-IN-114-M,,TTY,,PHY)
O1585.006	(48-CD-0(D,X)49-IN-114-M,,TTY,,DT)	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY)
O1586.004	(48-CD-0(D,X)49-IN-114-M,,TTY,,DT,DERIV)	(48-CD-0(D,X)49-IN-114-M,,TTY,,PHY,DERIV)
O1587.002	(52-TE-124(D,2N)53-I-124,,TTY,,DT)	(52-TE-124(D,2N)53-I-124,,TTY,,PHY)
O1597.002	(52-TE-124(P,N)53-I-124,,TTY,,DT)	(52-TE-124(P,N)53-I-124,,TTY,,PHY)
O1597.003	(52-TE-124(D,2N)53-I-124,,TTY,,DT)	(52-TE-124(D,2N)53-I-124,,TTY,,PHY)
O1597.004	(52-TE-0(P,X)53-I-124,,TTY,,DT)	(52-TE-0(P,X)53-I-124,,TTY,,PHY)
O1598.002	(10-NE-20(D,A)9-F-18,,TTY,,DT)	(10-NE-20(D,A)9-F-18,,TTY,,(PHY))
O1619.002	(36-KR-82(P,2N)37-RB-81-G,,TTY,,DT/A)	(36-KR-82(P,2N)37-RB-81-G,,TTY,,(PHY)/A)
O1619.003	(36-KR-82(P,N)37-RB-82-G,(M),TTY,,DT/A)	(36-KR-82(P,N)37-RB-82-G,(M),TTY,,SAT/A)
O1619.004	(36-KR-80(P,2N)37-RB-79,,TTY,,DT/A)	(36-KR-80(P,2N)37-RB-79,,TTY,,(SAT)/A)

O1619.005	(36-KR-83(P,N)37-RB-83,,TTY,,DT/A)	(36-KR-83(P,N)37-RB-83,,TTY,,PHY/A)
O1619.006	(36-KR-84(P,N)37-RB-84,,TTY,,DT/A)	(36-KR-84(P,N)37-RB-84,,TTY,,PHY/A)
O1620.002	(36-KR-78(P,A)35-BR-75,,TTY,,DT)	(36-KR-78(P,A)35-BR-75,,TTY,,(SAT))
O1620.003	(36-KR-80(P,A)35-BR-77,,TTY,,DT)	(36-KR-80(P,A)35-BR-77,,TTY,,(PHY))
O1622.002	(16-S-34(P,N)17-CL-34-M,,TTY,,DT)	(16-S-34(P,N)17-CL-34-M,,TTY,,PHY)
O1622.003	(16-S-34(D,2N)17-CL-34-M,,TTY,,DT)	(16-S-34(D,2N)17-CL-34-M,,TTY,,PHY)
O1623.002	(52-TE-122(P,2N)53-I-121,,TTY,,DT)	(52-TE-122(P,2N)53-I-121,,TTY,,EOB)
O1624.002	(42-MO-100(P,N+P)42-MO-99,,TTY,,DT)	(42-MO-100(P,X)42-MO-99,,TTY,,(PHY))
O1624.003	(42-MO-100(P,2N)43-TC-99-M,,TTY,,DT)	(42-MO-100(P,2N)43-TC-99-M,,TTY,,(PHY))
O1624.004	(42-MO-100(P,X)43-TC-94,,TTY,,DT)	(42-MO-100(P,X)43-TC-94,,TTY,,(PHY))
O1624.005	(42-MO-100(P,X)43-TC-95,,TTY,,DT)	(42-MO-100(P,X)43-TC-95,,TTY,,(PHY))
O1624.006	(42-MO-100(P,X)43-TC-93,,TTY,,DT)	(42-MO-100(P,X)43-TC-93,,TTY,,(PHY))
O1624.007	(42-MO-100(P,X)43-TC-96,,TTY,,DT)	(42-MO-100(P,X)43-TC-96,,TTY,,(PHY))
O1665.003.1	(90-TH-232(P,3N)91-PA-230,,TTY,,DT,CALC)	(90-TH-232(P,3N)91-PA-230,,TTY,,PHY,DERIV)
O1665.003.2	(90-TH-232(P,X)92-U-230,,TTY,,DT,CALC)	(90-TH-232(P,X)92-U-230,,TTY,,PHY,DERIV)
O1666.002	(54-XE-124(P,X)53-I-123,,TTY,,DT)	(54-XE-124(P,X)53-I-123,,TTY,,EOB)
O1725.002	(74-W-0(P,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-186-G,,TTY,,PHY)
O1725.003	(74-W-186(P,N)75-RE-186-G,,TTY,,PHY)	(74-W-186(P,N)75-RE-186-G,,TTY,,PHY)
O1737.002.2	(42-MO-0(P,X)43-TC-99-M,,TTY,,DT)	(42-MO-0(P,X)43-TC-99-M,,TTY,,(PHY))
O1737.003.2	(42-MO-0(P,X)43-TC-99,,TTY,,DT)	(42-MO-0(P,X)43-TC-99,,TTY,,(PHY))
O1849.002	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)
O1849.003	(74-W-186(D,2N)75-RE-186-G,,TTY,,PHY)	(74-W-186(D,2N)75-RE-186-G,,TTY,,PHY)
O1884.009	(74-W-0(P,X)75-RE-181,,TTY,,PHY)	(74-W-0(P,X)75-RE-181,,TTY,,PHY)
O1884.010	(74-W-0(P,X)75-RE-182-M,,TTY,,PHY)	(74-W-0(P,X)75-RE-182-M,,TTY,,PHY)

O1884.011	(74-W-0(P,X)75-RE-182-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-182-G,,TTY,,PHY)
O1884.012	(74-W-0(P,X)75-RE-183,,TTY,,PHY)	(74-W-0(P,X)75-RE-183,,TTY,,PHY)
O1884.013	(74-W-0(P,X)75-RE-184-G,,TTY,,PHY)	(74-W-0(P,X)75-RE-184-G,,TTY,,PHY)
O1884.015	(74-W-186(P,6N)75-RE-181,,TTY,,PHY)	(74-W-186(P,6N)75-RE-181,,TTY,,PHY)
O1884.016	(74-W-186(P,5N)75-RE-182-M,,TTY,,PHY)	(74-W-186(P,5N)75-RE-182-M,,TTY,,PHY)
O1884.017	(74-W-186(P,5N)75-RE-182-G,,TTY,,PHY)	(74-W-186(P,5N)75-RE-182-G,,TTY,,PHY)
O1884.018	(74-W-186(P,3N)75-RE-184-G,,TTY,,PHY)	(74-W-186(P,3N)75-RE-184-G,,TTY,,PHY)
O1892.002.1	(32-GE-0(P,X)33-AS-71,,TTY,,PHY)	(32-GE-0(P,X)33-AS-71,,TTY,,PHY,EOB)
O1892.002.2	(32-GE-0(P,X)33-AS-72,,TTY,,PHY)	(32-GE-0(P,X)33-AS-72,,TTY,,PHY,EOB)
O1960.002	(39-Y-89(P,N)40-ZR-89,,TTY)	(39-Y-89(P,N)40-ZR-89,,TTY,,SAT)
O1993.002	(24-CR-0(D,X)24-CR-51,,TTY,,DT)	(24-CR-0(D,X)24-CR-51,,TTY,,PHY)
O2020.003	(30-ZN-70(D,X)ELEM/MASS,,TTY,,PHY/MS)	(30-ZN-70(D,X)ELEM/MASS,,TTY,,EOB,,PHY)
O2100.002	(79-AU-197(P,3N)80-HG-195-G,,TTY,,TM)	(79-AU-197(P,3N)80-HG-195-G,,TTY/DEN,,PHY)
O2100.003	(79-AU-197(P,3N)80-HG-195-M,,TTY,,TM)	(79-AU-197(P,3N)80-HG-195-M,,TTY/DEN,,PHY)
O2100.004	(79-AU-197(P,N)80-HG-197-G,,TTY,,TM)	(79-AU-197(P,N)80-HG-197-G,,TTY/DEN,,PHY)
O2100.005	(79-AU-197(P,N)80-HG-197-M,,TTY,,TM)	(79-AU-197(P,N)80-HG-197-M,,TTY/DEN,,PHY)
O2100.006	(79-AU-197(P,5N)80-HG-193-M,,TTY,,TM)	(79-AU-197(P,5N)80-HG-193-M,,TTY/DEN,,PHY)
O2100.007	(79-AU-197(P,X)79-AU-196-G,,TTY,,TM)	(79-AU-197(P,X)79-AU-196-G,,TTY/DEN,,PHY)
O2100.008	(79-AU-197(P,X)79-AU-196-M2,,TTY,,TM)	(79-AU-197(P,X)79-AU-196-M2,,TTY/DEN,,PHY)
O2100.009	(79-AU-197(P,X)79-AU-194,,TTY,,TM)	(79-AU-197(P,X)79-AU-194,,TTY/DEN,,PHY)
O2135.003	(37-RB-0(P,X)38-SR-82,,TTY,,PHY)	(37-RB-0(P,X)38-SR-82,,TTY,,EOB)
O2135.004	(37-RB-0(P,X)38-SR-85,,TTY,,PHY)	(37-RB-0(P,X)38-SR-85,,TTY,,EOB)
O2144.003	(90-TH-230(HE3,3N)92-U-230,,TTY,,PHY,DERIV)	(90-TH-230(HE3,3N)92-U-230,,TTY,,PHY,DERIV)
O2176.008.1	(24-CR-0(P,X)25-MN-52-G,,TTY,,EOB,DERIV)	(24-CR-0(P,X)25-MN-52-G,,TTY,,EOB,DERIV)
O2176.008.2	(24-CR-0(P,X)25-MN-52-G,,TTY,,EOB)	(24-CR-0(P,X)25-MN-52-G,,TTY,,EOB)
O2176.009.1	(24-CR-0(P,X)25-MN-52-M,,TTY,,EOB,DERIV)	(24-CR-0(P,X)25-MN-52-M,,TTY,,EOB,DERIV)

O2176.009.2	(24-CR-0(P,X)25-MN-52-M,,TTY,,EOB)	(24-CR-0(P,X)25-MN-52-M,,TTY,,EOB)
O2176.010.1	(24-CR-0(P,X)24-CR-51,,TTY,,EOB,DERIV)	(24-CR-0(P,X)24-CR-51,,TTY,,EOB,DERIV)
O2176.010.2	(24-CR-0(P,X)24-CR-51,,TTY,,EOB)	(24-CR-0(P,X)24-CR-51,,TTY,,EOB)
O2176.011.1	(24-CR-0(P,X)25-MN-52-G,,TTY,,SAT)	(24-CR-0(P,X)25-MN-52-G,,TTY,,SAT)
O2176.011.2	(24-CR-0(P,X)25-MN-52-G,,TTY,,SAT,DERIV)	(24-CR-0(P,X)25-MN-52-G,,TTY,,SAT,DERIV)
O2176.012.1	(24-CR-0(P,X)25-MN-52-M,,TTY,,SAT)	(24-CR-0(P,X)25-MN-52-M,,TTY,,SAT)
O2176.012.2	(24-CR-0(P,X)25-MN-52-M,,TTY,,SAT,DERIV)	(24-CR-0(P,X)25-MN-52-M,,TTY,,SAT,DERIV)
O2176.013.1	(24-CR-0(P,X)24-CR-51,,TTY,,SAT)	(24-CR-0(P,X)24-CR-51,,TTY,,SAT)
O2176.013.2	(24-CR-0(P,X)24-CR-51,,TTY,,SAT,DERIV)	(24-CR-0(P,X)24-CR-51,,TTY,,SAT,DERIV)
O2221.011	(63-EU-0(D,X)64-GD-146,,TTY,,EOB,DERIV)	(63-EU-0(D,X)64-GD-146,,TTY,,EOB,DERIV)
O2221.012	(63-EU-0(D,X)64-GD-147,,TTY,,EOB,DERIV)	(63-EU-0(D,X)64-GD-147,,TTY,,EOB,DERIV)
O2221.013	(63-EU-0(D,X)64-GD-149,,TTY,,EOB,DERIV)	(63-EU-0(D,X)64-GD-149,,TTY,,EOB,DERIV)
O2221.014	(63-EU-0(D,X)64-GD-151,,TTY,,EOB,DERIV)	(63-EU-0(D,X)64-GD-151,,TTY,,EOB,DERIV)
O2221.015	(63-EU-0(D,X)64-GD-153,,TTY,,EOB,DERIV)	(63-EU-0(D,X)64-GD-153,,TTY,,EOB,DERIV)
O2221.016.1	(63-EU-0(P,X)64-GD-147,,TTY,,EOB,DERIV)	(63-EU-0(P,X)64-GD-147,,TTY,,EOB,DERIV)
O2221.016.2	(63-EU-0(P,X)64-GD-147,,TTY,,EOB)	(63-EU-0(P,X)64-GD-147,,TTY,,EOB)
O2221.017.1	(63-EU-0(P,X)64-GD-149,,TTY,,EOB,DERIV)	(63-EU-0(P,X)64-GD-149,,TTY,,EOB,DERIV)
O2221.017.2	(63-EU-0(P,X)64-GD-149,,TTY,,EOB)	(63-EU-0(P,X)64-GD-149,,TTY,,EOB)
O2221.018.1	(63-EU-0(P,X)64-GD-151,,TTY,,EOB,DERIV)	(63-EU-0(P,X)64-GD-151,,TTY,,EOB,DERIV)
O2221.018.2	(63-EU-0(P,X)64-GD-151,,TTY,,EOB)	(63-EU-0(P,X)64-GD-151,,TTY,,EOB)
O2221.019.1	(63-EU-0(P,X)64-GD-153,,TTY,,EOB,DERIV)	(63-EU-0(P,X)64-GD-153,,TTY,,EOB,DERIV)
O2221.019.2	(63-EU-0(P,X)64-GD-153,,TTY,,EOB)	(63-EU-0(P,X)64-GD-153,,TTY,,EOB)
O2224.010	(74-W-0(D,X)75-RE-181,,TTY,,PHY)	(74-W-0(D,X)75-RE-181,,TTY,,PHY)
O2224.011	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY)	(74-W-0(D,X)75-RE-182-M,,TTY,,PHY)
O2224.012	(74-W-0(D,X)75-RE-182-G,,TTY,,PHY)	(74-W-0(D,X)75-RE-182-G,,TTY,,PHY)
O2224.013	(74-W-0(D,X)75-RE-183,,TTY,,PHY)	(74-W-0(D,X)75-RE-183,,TTY,,PHY)
O2224.014	(74-W-0(D,X)75-RE-184-G,,TTY,,PHY)	(74-W-0(D,X)75-RE-184-G,,TTY,,PHY)
O2224.015	(74-W-0(D,X)75-RE-184-M,,TTY,,PHY)	(74-W-0(D,X)75-RE-184-M,,TTY,,PHY)
O2224.016	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)	(74-W-0(D,X)75-RE-186-G,,TTY,,PHY)
O2224.017	(74-W-186(D,X)75-RE-186-G,,TTY,,PHY/A)	(74-W-186(D,X)75-RE-186-G,,TTY,,PHY)
O2224.018	(74-W-0(D,X)74-W-187,,TTY,,PHY)	(74-W-0(D,X)74-W-187,,TTY,,PHY)
O2224.019	(74-W-186(D,X)74-W-187,,TTY,,PHY/A)	(74-W-186(D,X)74-W-187,,TTY,,PHY)

O2258.009	(74-W-0(D,X)75-RE-181,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-181,,TTY,,EOB,DERIV)
O2258.010	(74-W-0(D,X)75-RE-182-G,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-182-G,,TTY,,EOB,DERIV)
O2258.011	(74-W-0(D,X)75-RE-183,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-183,,TTY,,EOB,DERIV)
O2258.012	(74-W-0(D,X)75-RE-184-G,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-184-G,,TTY,,EOB,DERIV)
O2258.013	(74-W-0(D,X)75-RE-184-M,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-184-M,,TTY,,EOB,DERIV)
O2258.014	(74-W-0(D,X)75-RE-186-G,,TTY,,EOB,DERIV)	(74-W-0(D,X)75-RE-186-G,,TTY,,EOB,DERIV)
O2258.015	(74-W-0(D,X)74-W-187,,TTY,,EOB,DERIV)	(74-W-0(D,X)74-W-187,,TTY,,EOB,DERIV)
R0006.002	(52-TE-124(P,2N)53-I-123,IND,TTY,,EXP)	(52-TE-124(P,2N)53-I-123,,TTY,,EOB)
R0007.003.1	(53-I-127(P,5N)54-XE-123,,TTY,,EVAL)	(53-I-127(P,5N)54-XE-123,,TTY,,(PHY),DERIV)
R0007.003.2	(53-I-127(P,5N)54-XE-123,,TTY,,EVAL)	(53-I-127(P,5N)54-XE-123,,TTY,,(PHY),DERIV)
R0007.003.3	(53-I-127(P,5N)54-XE-123,,TTY,,EVAL)	(53-I-127(P,5N)54-XE-123,,TTY,,(PHY),DERIV)
R0007.004.1	(53-I-127(P,3N)54-XE-125,,TTY,,EVAL)	(53-I-127(P,3N)54-XE-125,,TTY,,(PHY),DERIV)
R0007.004.2	(53-I-127(P,3N)54-XE-125,,TTY,,EVAL)	(53-I-127(P,3N)54-XE-125,,TTY,,(PHY),DERIV)
R0007.004.3	(53-I-127(P,3N)54-XE-125,,TTY,,EVAL)	(53-I-127(P,3N)54-XE-125,,TTY,,(PHY),DERIV)
R0007.005.1	(53-I-127(P,7N)54-XE-121,,TTY,,EVAL)	(53-I-127(P,7N)54-XE-121,,TTY,,(PHY),DERIV)
R0007.005.2	(53-I-127(P,7N)54-XE-121,,TTY,,EVAL)	(53-I-127(P,7N)54-XE-121,,TTY,,(PHY),DERIV)
R0007.005.3	(53-I-127(P,7N)54-XE-121,,TTY,,EVAL)	(53-I-127(P,7N)54-XE-121,,TTY,,(PHY),DERIV)
R0008.002	(53-I-127(P,X)53-I-123,,TTY,,EXP)	(53-I-127(P,X)53-I-123,,TTY,,(PHY))
R0009.002.1	(51-SB-0(A,X)53-I-121,IND,TTY,,EXP)	(51-SB-0(A,X)53-I-121,,TTY,,PHY)
R0009.002.2	(51-SB-0(A,X)53-I-123,IND,TTY,,EXP)	(51-SB-0(A,X)53-I-123,,TTY,,PHY)
R0009.002.3	(51-SB-0(A,X)53-I-124,IND,TTY,,EXP)	(51-SB-0(A,X)53-I-124,,TTY,,PHY)
R0009.003.1	(53-I-127(A,4N)55-CS-127,,TTY,,EXP)	(53-I-127(A,4N)55-CS-127,,TTY,,EOB)
R0009.003.2	(53-I-127(A,5N+P)54-XE-125,,TTY,,EXP)	(53-I-127(A,X)54-XE-125,,TTY,,EOB)
R0009.003.3	(53-I-127(A,7N+P)54-XE-123,,TTY,,EXP)	(53-I-127(A,X)54-XE-123,,TTY,,EOB)
R0009.004.1	(52-TE-0(A,X)54-XE-123,IND,TTY,,EXP)	(52-TE-0(A,X)54-XE-123,,TTY,,EOB)
R0009.004.2	(52-TE-0(A,X)54-XE-125,IND,TTY,,EXP)	(52-TE-0(A,X)54-XE-125,,TTY,,EOB)
R0009.004.3	(52-TE-0(A,X)53-I-123,,TTY,,EXP)	(52-TE-0(A,X)53-I-123,,TTY,,EOB)
R0027.002.1	(6-C-12(D,N)7-N-13,,TTY)	(6-C-12(D,N)7-N-13,,TTY,,EOB)

R0027.002.2	(6-C-12(D,N)7-N-13,,TTY)	(6-C-12(D,N)7-N-13,,TTY,,EOB)
R0029.004	(35-BR-79(A,2N)37-RB-81-G,M+,TTY,,,DERIV)	(35-BR-79(A,2N)37-RB-81-G,M+,TTY,,EOB,DERIV)
R0029.005.1	((35-BR-81(HE3,3N)37-RB-81-G,M+,TTY,,,DERIV)+ (35-BR-79(HE3,N)37-RB-81-G,M+,TTY,,,DERIV))	((35-BR-81(HE3,3N)37-RB-81-G,M+,TTY,,EOB,DERIV)+ (35-BR-79(HE3,N)37-RB-81-G,M+,TTY,,EOB,DERIV))
R0029.005.2	(35-BR-81(HE3,2N)37-RB-82-M,,TTY,,,DERIV)	(35-BR-81(HE3,2N)37-RB-82-M,,TTY,,EOB,DERIV)
R0029.005.3	((35-BR-79(HE3,2N+P)36-KR-79-G,M+,TTY,,,DERIV)+ (35-BR-81(HE3,4N+P)36-KR-79-G,M+,TTY,,,DERIV))	((35-BR-79(HE3,X)36-KR-79-G,M+,TTY,,EOB,DERIV)+ (35-BR-81(HE3,X)36-KR-79-G,M+,TTY,,EOB,DERIV))
R0030.002.1	(35-BR-79(P,4N)36-KR-76,,TTY,,DT,DERIV)	(35-BR-79(P,4N)36-KR-76,,TTY,,EOB,DERIV)
R0030.002.2	(35-BR-79(P,3N)36-KR-77,,TTY,,DT,DERIV)	(35-BR-79(P,3N)36-KR-77,,TTY,,EOB,DERIV)
R0030.002.3	(35-BR-79(P,X)35-BR-76,CUM,TTY,,DT,DERIV)	(35-BR-79(P,X)35-BR-76,CUM,TTY,,EOB,DERIV)
R0030.002.4	(35-BR-79(P,X)35-BR-77,CUM,TTY,,DT,DERIV)	(35-BR-79(P,X)35-BR-77,CUM,TTY,,EOB,DERIV)
R0030.003.1	(34-SE-0(HE3,X)36-KR-76,,TTY,,DT)	(34-SE-0(HE3,X)36-KR-76,,TTY,,EOB)
R0030.003.2	(34-SE-0(HE3,X)36-KR-77,,TTY,,DT)	(34-SE-0(HE3,X)36-KR-77,,TTY,,EOB)
R0030.003.3	(34-SE-0(HE3,X)35-BR-76,CUM,TTY,,DT,DERIV)	(34-SE-0(HE3,X)35-BR-76,CUM,TTY,,EOB,DERIV)
R0030.003.4	(34-SE-0(HE3,X)35-BR-77,CUM,TTY,,DT,DERIV)	(34-SE-0(HE3,X)35-BR-77,CUM,TTY,,EOB,DERIV)
R0031.002	((36-KR-82(P,2N)37-RB-81-G,,TTY,,DT)- (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,DT))/ (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,DT))	((36-KR-82(P,2N)37-RB-81-G,,TTY,,PHY)- (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,PHY))/ (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,PHY))
R0032.002	(33-AS-75(HE3,3N)35-BR-75,,TTY,,DT)	(33-AS-75(HE3,3N)35-BR-75,,TTY,,EOB)
R0032.003	(33-AS-75(A,2N)35-BR-77-G,M+,TTY,,DT)	(33-AS-75(A,2N)35-BR-77-G,M+,TTY,,EOB)
R0032.004	(29-CU-65(A,2N)31-GA-67,,TTY,,DT/A)	(29-CU-65(A,2N)31-GA-67,,TTY,,EOB)
R0033.002	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
R0033.003	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
R0033.004	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
R0033.005	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
R0033.006	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))
R0033.007	(33-AS-75(HE3,3N)35-BR-75,,TTY,,DT)	(33-AS-75(HE3,3N)35-BR-75,,TTY,,(PHY))
R0033.008	(33-AS-75(HE3,3N)35-BR-75,,TTY,,DT)	(33-AS-75(HE3,3N)35-BR-75,,TTY,,(PHY))
R0033.009	(33-AS-75(A,2N)35-BR-77,,TTY,,DT)	(33-AS-75(A,2N)35-BR-77,,TTY,,(PHY))

R0034.002	(31-GA-69(P,2N)32-GE-68,,TTY,,DT)	(31-GA-69(P,2N)32-GE-68,,TTY,,EOB)
R0034.003	(31-GA-69(P,N)32-GE-69,,TTY,,DT)	(31-GA-69(P,N)32-GE-69,,TTY,,EOB)
R0034.004	(31-GA-69(P,N+A)30-ZN-65,,TTY,,DT)	(31-GA-69(P,N+A)30-ZN-65,,TTY,,EOB)
R0034.005	(28-NI-58(P,2P)27-CO-57,,TTY,,DT)	(28-NI-58(P,2P)27-CO-57,,TTY,,EOB)
R0040.004	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV)
R0040.005	(30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV)	(30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV)
S0031.002	(47-AG-109(A,2N)49-IN-111-G,,TTY,,DT)	(47-AG-109(A,2N)49-IN-111-G,,TTY,,EOB)
S0031.003	(41-NB-93(A,N)43-TC-96-G,M+,TTY,,DT)	(41-NB-93(A,N)43-TC-96-G,M+,TTY,,EOB)
S0033.002	(45-RH-103(P,N)46-PD-103,,TTY,,DT)	(45-RH-103(P,N)46-PD-103,,TTY,,PHY)
S0033.003	(45-RH-103(D,2N)46-PD-103,,TTY,,DT)	(45-RH-103(D,2N)46-PD-103,,TTY,,PHY)
T0016.002.2	(6-C-13(P,N)7-N-13,,TTY,,DERIV)	(6-C-13(P,N)7-N-13,,TTY,,SAT,DERIV)
T0016.003.2	(6-C-12(D,N)7-N-13,,TTY,,DERIV)	(6-C-12(D,N)7-N-13,,TTY,,SAT,DERIV)
T0148.006	(81-TL-0(P,X)81-TL-201,,TTY,,DT)	(81-TL-0(P,X)81-TL-201,,TTY,,PHY)
T0157.002	(36-KR-0(P,X)37-RB-81-G,IND/M+,TTY,,DT)	(36-KR-0(P,X)37-RB-81-G,M+,TTY,,(PHY))
T0157.003.1	(36-KR-0(P,X)ELEM/MASS,M+,PY,,TT/REL)	((36-KR-0(P,X)ELEM/MASS,M+,TTY,,(PHY))/ (36-KR-0(P,X)37-RB-81-G,M+,TTY,,(PHY)))
T0157.003.2	(36-KR-0(P,X)ELEM/MASS,,PY,,TT/REL)	((36-KR-0(P,X)ELEM/MASS,,TTY,,(PHY))/ (36-KR-0(P,X)37-RB-81-G,M+,TTY,,(PHY)))
T0157.004.1	(35-BR-0(A,X)ELEM/MASS,M+,PY,,TT/REL)	((35-BR-CMP(A,X)ELEM/MASS,M+,TTY,,(PHY))/ (35-BR-CMP(A,X)37-RB-81,M+,TTY,,(PHY)))
T0157.004.2	(35-BR-0(A,X)ELEM/MASS,,PY,,TT/REL)	((35-BR-CMP(A,X)ELEM/MASS,,TTY,,(PHY))/ (35-BR-CMP(A,X)37-RB-81,M+,TTY,,(PHY)))