

## Disappeared HISTORY Records

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Revision and retransmission of an EXFOR entry must be started from the latest version of the EXFOR entry. Failure to do so may cause deletion of important alternations made in the previous transmission.

We wrote a small code checking HISTORY records of EXFOR entries in a preliminary tape against the HISTORY records of the same EXFOR entry in the EXFOR Master File. The new code will protect your important alterations if you follow the following rule in LEXFOR:

**All important alterations must be documented in the affected subentries, and be summarized (without repeating the details) in the common (first) subentry.**

Note that this code does not check an entry transmitted in a tape for another area (*e.g.*, area T entry retransmitted in an area C tape).

We also checked all TRANS tapes (with “\_nds” extension when exists) on the NDS open area by a similar code, and extracted all HISTORY records (but history types A, C, D, S, T and U only) seen in a tape but not seen in a later tape. The output from the code is appended to this memo. As we sometimes delete or move HISTORY records intentionally, we believe not all of them are originated by mistakes.

### Appendix: HISTORY record in a tape but not in a later tape

#### 1. List of tapes analysed and number of missing records for each area

Area	From	To	Excluded (not available)	# of missing records
1	1270	1419		21
2	2146	2256		131
3	3003	3176	3072, 3097, 3099-3102	65
4	4002	4174	4005, 4099-4106, 4111-4112	249
A	A013	A085	A032-A041	139
B	B012	B025	B013-B017	3
C	C006	C163	C014-C-22	21
D	D001	D107	D007-D008, D019-D021	34
E	E004	E106	E005-E015	50
F	F004	F063		12
G	G001	G036		13
J	J001	J009		1
K	K001	K017		0
L	L002	L031	L005-L006	4
M	M011	M086	M019	21
O	O006	O059		86
P	P002	P004		0
R	R003	R028	R010-R012	0
S	S001	S020	S009	0
T	T001	T022		3
V	V001	V034		0

## 2. List of detected HISTORY records

Note that the following HISTORY records are excluded from the Appendix:

1. Records in a tape and disappeared in another tape retransmitted after 6 years or later assuming that they were deleted intentionally.
2. Records in an area transmitted in a tape having another area character (e.g., an area T entry retransmitted in an area C tape) because my code cannot judge the sequence of transmission.
3. Records like "Last checking has been done".

<b>Tape 1</b>	<b>Tape 2</b>	<b>Subentry</b>	<b>HISTORY record in Tape 1 but not in Tape 2</b>
1290	1296	13119.002	(20000908A) Sign corrected on data.
1293	1300	10680.009	(20000214C) TK + DW
1300	1313	10680.001	(20010926D) Subentries 7,8 deleted, not from this
1342	1343	13986.001	(20061103C) DR Second reference added
1343	1344	10876.001	(20060123U) DR Format updated and history in subentry
1341	1348	13731.001	(20061127C) DR Reference corrected to follow APS format
1351	1353	12306.001	(20080213U) Title added
1356	1360	13049.001	(20090928A) BIB section updated.
1356	1360	13049.002	(20090925A) Reaction updated.
1351	1362	14149.001	(20090218A) Data units corrected
1360	1363	13049.001	(20100123A) VM:Updated to new date formats,lower case.
1360	1363	13049.002	(20100123A) Reaction and coding updated.
1342	1370	14096.001	(20061120C) DR EN-DUMMY changed to EN
1342	1370	14097.001	(20061120C) DR EN-DUMMY changed to EN
1342	1377	12017.001	(20061109C) DR Format updated
1377	1378	14292.001	(20111107A) OS. Heading corrected in sub.2
1378	1379	14292.001	(20120207A) (S.H.) Second reference added, updated
1385	1386	14177.001	(20120816U) SD: code "R" changed to "S" in REFERENCE.
1385	1387	14110.001	(20120813A) SD: Illegal blank in coded information of
1391	1393	14329.001	(20130509A) BP added Los Alamos data.
1413	1418	10791.001	(20160127A) BP: Added additional Mg data from
2147	2152	21694.001	(19980203U) CORRECTED BY S.MAEV
2147	2152	21694.001	(19990604A) DATE is corrected
2151	2152	22328.002	(19981102U) DECAY-DATA KEYWORD ADDED
2149	2152	22347.001	(19980826U) CORRECTIONS MADE - CROSS-REFERENCE
2146	2152	22367.001	(19990604A) DATE is corrected
2153	2157	22437.001	(20000302C) ++ Compiled by S.M. ++
2146	2158	22364.001	(19990604A) DATE is corrected
2159	2161	22636.001	(20010821U) Last Checking has Been done.
2159	2162	22480.001	(20010724C) ++ Compiled by S.M.
2161	2162	22683.001	(20021015U) References added from 2001TSUKUBA
2161	2166	22636.001	(20030610U) Last Checking has Been done.
2161	2166	22636.001	(20030610U) Last Checking has Been done.

2161	2166	22679.001	(20030612U) Correlation established .
2161	2166	22687.001	(20030612A) CORRELATION TO OTHER DATA SET
2157	2167	22438.001	(20000116U) Last Checking has Been done by SM
2157	2167	22438.001	(20021117A) Corrected J.O.S
2161	2168	21470.001	(20030529A) DATE is corrected. Corelation established
2166	2168	22652.001	(20040221U) . . Intitute codes corrected
2166	2168	22652.002	(20040220U) . . Energy resolution figures corrected
2167	2168	22801.001	(20030422U) .Reference added
2172	2175	22389.001	(20050623A) Data corrected in SAN 002
2156	2175	22433.001	(20020627U) . . Corrected by S.M.
2162	2175	22668.001	(20030922A) - - One subentry added.
2162	2175	22668.001	(20031215U) - - Reference added
2174	2176	22295.002	(20050911A) Energy moved from SAN 001
2174	2176	22647.002	(20051026U) SF8 added. 'EN' heading corrected
2172	2176	22848.001	(20050511A) Corrected SM/HH
2166	2178	22514.001	(20040306A) . . DELETED DUE TO DATA REPETITION IN
2177	2178	22845.001	(20060330U) Correction In According To Memo CP-E/089.
2169	2178	22854.001	(20050120C) SM
2174	2178	22892.001	(20051118A) Last corrections have been done.
2178	2180	20764.001	(20060807U) DATE and reference corrected
2178	2180	20764.002	(20060807U) MONITOR keyword moved from SAN 001
2178	2180	20764.003	(20060807U) MONITOR keyword moved from SAN 001
2176	2180	22295.001	(20060220A) Corrected SM
2178	2181	21252.001	(20060809U) Two reference codes corrected - SM
2179	2184	21592.002	(20060708U) DATA-ERR to ERR-S changed
2178	2184	21750.001	(20060810A) DATE AND REFERENCE corrected
2178	2184	21750.003	(20060810U) KEYWORD "METHOD" CHANGED TO "ANALYSIS"
2178	2184	21750.006	(20060810U) KEYWORD "METHOD" CHANGED TO "ANALYSIS"
2172	2185	22354.001	(20050608U) Parenthesis in SAN 003, 004 placed in
2175	2185	22433.001	(20060117U) Correlation to Entry 22156
2175	2185	22434.001	(20051216U) Subents 004, 006 were corrected. MM/SM
2179	2185	22554.001	(20060714A) ENTRY corrected - SM
2179	2185	22554.002	(20060714A) Errors multiplied by 1.E-2
2184	2185	22941.001	(20070310A) Last corrections have been done.
2167	2186	22402.001	(20040708A) NEW data ADDITIONS FROM MAIN REFERENCE
2167	2186	22402.002	(20040708A) REACTION code corrected. EN-ERR, EN-RSL
2167	2186	22402.003	(20040708A) REACTION code corrected. EN-RSL ADDED
2167	2186	22402.005	(20040713U) Status info updated .
2167	2186	22402.006	(20040713U) Status info updated .
2179	2186	22930.001	(20060721U) Last corrections have been done.
2184	2186	22945.001	(20070326U) Text in SAN 004 corrected.
2182	2187	22921.001	(20070117A) Coirrected by SM - SUBENT added
2182	2190	22562.001	(20070120D) Reaction code was corrected. ENTRY deleted
2184	2190	22954.001	(20070326U) Free text corrected

2186	2191	22857.001	(20070709A) Misprint in EN-DUMMY value was corrected.
2190	2191	22954.001	(20071221U) Reference added
2190	2191	22955.001	(20071221U) Reference added
2187	2192	21185.001	(20070926A) Date is corrected. Units in SAN 006 changed
2187	2192	21185.006	(20070926A) Data for nu-del (reaction string 3)
2187	2192	21185.007	(20070926C) SM. DATA Moved from previous
2198	2199	22008.001	(20080506A) M.M. DATA units were changed "B" into "MB"
2184	2199	22696.001	(20070312U) Correlation to ENTRY 22941
2184	2199	22696.002	(20070310U) Correlation to 22941002
2184	2199	22696.003	(20070310U) Correlation to 22941002
2176	2199	22918.001	(20060306U) Last corrections have been done.
2190	2199	22941.001	(20071120A) SUBENTS 009, 010, 011 corrected - SM
2192	2200	22741.001	(20080119A) Reference and one SUBENT 22741007 added
2192	2200	22741.007	(20080119C) SM
2201	2205	22181.001	(20080715A) Date is corrected
2201	2205	22181.001	(20080718U) Last corrections have been done - SM.
2201	2205	22218.001	(20080715A) Date corrected to 4-digit year
2201	2205	22218.001	(20080718U) Last corrections have been done - SM.
2166	2205	22573.001	(20040306A) .Corrected J.O.S.
2166	2205	22625.001	(20040306A) .Entry deleted, same as 22573
2197	2205	22915.001	(20080514A) SANs 008 REACTION SF1 corrected
2199	2205	22950.001	(20080520A) New data added from main reference - SM
2199	2205	22950.008	(20080520A) Data changed from 258+-57 to 257+-50 barn
2199	2205	22950.009	(20080520A) Pointer 1 free text corrected
2199	2206	21995.001	(20080616A) Three SUBENTS deleted, data moved to
2192	2206	22137.001	(20080116U) Last corrections have been done.
2169	2206	22859.002	(20041201C) H.H.
2205	2206	22978.001	(20081105U) Reference codes for Refs 1, 2 corrected:
2202	2206	22985.001	(20080609U) M.M. Reference was corrected.
2204	2207	21957.001	(20081114A) M.M. Misprint in REFERENCE was corrected.
2204	2207	21957.002	(20081114A) M.M. In REACTION SF3 was corrected
2204	2207	21957.003	(20081114A) EN-MIN,EN-MAX were changed into EN-RES-MIN,
2207	2208	22352.001	(20081230U) M.M. The year in reference J,NST,27,(7),601
2190	2208	22941.010	(20071120A) REACTION SF2, SF3 corrected to "N,G"
2190	2208	22941.011	(20071120A) REACTION SF2,SF3 corrected TO "N,G"
2208	2209	21321.001	(20090218A) Deriv added in reaction string in
2208	2209	21321.004	(20090218A) Deriv added in reaction string
2208	2209	21321.005	(20090218A) Deriv added in reaction string
2208	2209	21321.010	(20090218A) Deriv added in reaction string
2208	2209	21321.011	(20090218A) Deriv added in reaction string
2206	2209	22978.001	(20090116U) Reference code for 2007NICE corrected.
2208	2210	22941.001	(20090218A) REACTIONs in subents 010 and 011 corrected
2190	2210	22941.009	(20071120U) Free text corrected
2208	2210	22941.010	(20090218A) Reaction corrected from (N,F) to (N,G)

2208	2210	22941.011	(20090218A) Reaction corrected from (N,F) to (N,G)
2208	2212	22437.001	(20090218U) Reference 96BUDA updated.
2169	2212	22454.001	(20050108U) Corrected SM
2166	2212	22455.001	(20040608U) . . Reference deleted
2206	2212	22464.001	(20090119A) SUBENT 22464003 corrected - S.M.
2206	2212	22660.001	(20090119A) SUBENT 22660003 corrected - SM
2199	2212	22696.001	(20080514A) Mean energy corrected.
2212	2218	22461.001	(20090506U) JINR-E3 updated with ISINN .
2206	2218	23026.001	(20080115A) SAN 004 corrected,
2216	2218	23065.004	(20100118C) Curve digitized. Answer for request
2212	2219	22479.001	(20090506U) JINR-E3 updated with ISINN .
2181	2220	22739.001	(20061025A) Last corrections have been done - SM
2219	2224	22680.001	(20091115U) Last corrections have been done.
2223	2226	22796.001	(20101019A) MM References J,PR/C,82,015802,2010 and
2221	2226	22830.001	(20100615A) M.M. Reference J,NSTS,4,502,2004 was added.
2221	2226	22939.001	(20100518C) M.M. Reference J,PR/C,81 was added.
2223	2226	23027.001	(20101020A) M.M. Reference J,PR/C,82,015804,2010 was
2223	2226	23028.001	(20101020A) M.M. Subents 006-008 were added.
2212	2227	22464.001	(20090506U) JINR-E3 updated with ISINN .
2226	2234	22796.001	(20110207U) SD: DOI was corrected. Ref. on ND2007
2226	2234	23027.001	(20110206U) SD: DOI was corrected.
2226	2234	23028.001	(20110206U) SD: DOI identifier was corrected.
2238	2240	20002.001	(20131116A) SD: REACTION code was corrected in Sub.006.
2235	2242	22273.022	(20130720A) M.M. Subent was added in ENTRY.
2235	2242	22273.023	(20130720A) M.M. Subent was added in ENTRY.
2235	2242	22273.024	(20130720A) M.M. Subent was added in ENTRY.
2232	2243	22187.012	(20120406D) On. Superseded.
2232	2243	22187.014	(20120406D) On. Superseded.
2244	2245	23073.001	(20151015U) M.M. A misprint in DOI of J,NDS was
2243	2246	20721.001	(20150912A) SD: Subents 019, 020, 022, 026, 027, 029,
2243	2246	21936.001	(20150818A) SD:STATUS "Superseded" added to Subents 2-4
3006	3008	30083.002	(711213T) CA. PREVIOUSLY DASTAR-762
3006	3008	30083.003	(711213T) CA. PREVIOUSLY DASTAR-762
3006	3008	30083.006	(711213T) CA. PREVIOUSLY DASTAR-764
3006	3008	30083.007	(711213T) CA. PREVIOUSLY DASTAR-764
3006	3008	30083.008	(711213T) CA. PREVIOUSLY DASTAR-765
3006	3008	30083.009	(711213T) CA. PREVIOUSLY DASTAR-765
3006	3008	30083.012	(711213T) CA. PREVIOUSLY DASTAR-767
3006	3008	30083.013	(711213T) CA. PREVIOUSLY DASTAR-767
3006	3008	30083.022	(711213T) CA. PREVIOUSLY DASTAR-772
3006	3008	30083.023	(711213T) CA. PREVIOUSLY DASTAR-772
3006	3008	30083.024	(711213T) CA. PREVIOUSLY DASTAR-773
3006	3008	30083.025	(711213T) CA. PREVIOUSLY DASTAR-773

3006	3008	30083.026	(711213T) CA. PREVIOUSLY DASTAR-774
3006	3008	30083.027	(711213T) CA. PREVIOUSLY DASTAR-774
3003	3011	30016.001	(700805C)
3003	3023	30006.001	(700921T) PREVIOUSLY DASTAR-00682
3022	3044	30093.008	(710309C)
3022	3044	30093.008	(760906U) OS.
3031	3054	30438.001	(781212U) OS. 2ND REFERENCE ADDED
3089	3092	30808.001	(930809A) HW.-REACTION CODE ALTERED IN SUBENT. 004.-
3089	3092	30808.004	(930809A) HW.-REACTION CODE ALTERED.-
3104	3109	31466.002	(980702U) REFERENCE and MONITOR added.
3104	3109	31466.003	(980702U) REFERENCE and MONITOR added. Superseded data
3104	3109	31466.004	(980702U) REFERENCE and MONITOR added. Superseded data
3104	3109	31466.005	(980702U) REFERENCE and MONITOR added.
3124	3125	30043.001	(20071130A) BIB section updated. MONITOR corrected.
3124	3125	30043.002	(20071109A) REACTION corrected.
3124	3125	30043.003	(20071109A) REACTION corrected.
3128	3129	32654.001	(20080721A) SD, NO. Ref. on PHE was added.
3127	3129	33011.001	(20080428A) Reaction code
3127	3129	33016.001	(20080428A)SD: Corrected reaction code, create subents.
3131	3132	30237.001	(20081107U) On. BIB updated
3131	3135	30453.001	(20081103U) On. BIB updated
3132	3136	30248.001	(20080423A) BIB section updated
3133	3136	31620.001	(20081229U) On. INSTITUTE: 3MGLNUM added
3133	3136	32657.001	(20081216A) NDS: sec.ref.corrected METHOD was added.
3136	3138	30248.001	(20090225A) On. BIB and COMMON updated
3136	3138	30248.002	(20090225A) On. STATUS added, Numerical data corrected
3136	3138	30433.001	(20090504A) SD. month of publication in JP/G
3136	3138	30471.001	(20090504A) SD. month of publication in JP/G
3136	3138	32544.001	(20090504A) SD: Ref. on ISINN and Institute in
3136	3138	32657.001	(20090305U) SD:reference on the conference was changed.
3140	3144	30605.005	(20090725A) SD:Updated to new date formats,lower case.
3141	3144	30957.001	(20090912A) SD:Updated to new date formats,lower case.
3144	3145	31605.001	(20100214A) SD: Ref. on NSE and Subents 011-014
3144	3145	32205.001	(20100305A) SD: AUTHOR and TITLE letters were changed
3145	3146	31602.001	(20100319A) SD: Dimension of data was changed in
3145	3146	31602.002	(20100319A) SD: Dimension of data was changed:
3146	3148	31596.001	(20100917A) SD: type of ref. on NUCL-EX was corrected.
3146	3148	32219.001	(20100721A) SD: ref.code on ZNJD was corrected on YFE.
3148	3149	31531.001	(20101216U) On. BIB updated
3148	3149	32223.001	(20100602C)OG: ref. on IZV,73 and BAS,73,
3148	3149	32223.001	(20101208C)OG: Conference code was added
3153	3154	30563.001	(20111202A) VS. Title corrected.
3154	3155	33031.001	(20120124U) VS. COMMON moved from Subentry 001 to
3155	3156	33011.001	(20120502U) On. SAMPLE: Free text corrected.

3157	3158	30827.001	(20120906U) On. REFERENCE=ISINN-18 and COMMENT added
3154	3158	31714.001	(20111209A) VS. Reference added.
3159	3160	30704.001	(20130428U) On. REFERENCE: Eng.trans. of YK,1983 added
3148	3160	30737.001	(20101216A) On. INSTITUTE: 3KORSEU -> 3KORKOR
3160	3161	30544.001	(20130625U) On. METHOD: Rearranged
3160	3161	30544.002	(20130625A) On. REACTION: NPART deleted, CALC added.
3142	3161	31151.006	(20090912A) SD:reaction code changed in SF5 (PAR added)
3170	3172	30452.001	(20150528U) VS. COMMENT added.
3170	3172	30568.001	(20150528U) VS. COMMENT added.
4016	4021	40143.007	(740220A) ISO-QUANT CORRECTED
4017	4034	40181.001	(740118C) COMPILED AT THE CENTRE
4027	4035	40305.001	(770325A) ISO-QUANT IN SUBENTRY 002 CORRECTED
4050	4056	40357.001	(820916A) CONVERTED WITH THE HELP OF THE ENTRY 80007
4053	4058	40401.001	(840228A) INCIDENT ENERGY GIVEN
4058	4059	40401.001	(850218A)
4058	4060	40630.001	(850131U) SOME CORRECTIONS INTRODUCED
4059	4063	40405.001	(850531A) OTHER CORRECTIONS INTRODUCED
4042	4063	40413.001	(810505A) NEW ERROR-CODES ARE INTRODUCED
4055	4063	40812.001	(840912T) CONVERTED FROM ENTRY 80269
4051	4065	40246.001	(831215C)
4060	4070	40531.001	(851001U) REFERENCE CORRECTIONS ARE MADE
4059	4070	40667.001	(850614U) SOME CORRECTIONS INTRODUCED
4042	4074	40346.001	(810505A) NEW ERROR-CODES ARE INTRODUCED
4045	4079	40063.001	(811111C)
4079	4081	40083.001	(900207U) CORRECTIONS WERE MADE IN SUBENTS WITH MUL-
4082	4085	40083.001	(910130U) INSTITUTE CODE 'CCP' CHANGED TO 'KUR'
4081	4085	40996.001	(901017U) 'FIS' ADDED TO SF8 IN SAN 002
4081	4085	40996.002	(901017U) 'FIS' ADDED TO SF8
4061	4086	40545.001	(850927U)
4082	4087	40128.001	(910128U) INSTITUTE CODE IFU CHANGED TO IJI
4082	4088	40344.001	(910128U) INSTITUTE CODE IFU CHANGED TO IJI
4087	4090	41085.001	(911128T) CONVERTED FROM RIDER'S ENTRY 90699
4091	4093	41071.001	(920811U) FP CODED IN REACTION SF4 INSTEAD OF ELEM/MASS
4091	4093	41072.001	(920809U) FREE TEXT UNDER 'TITLE' KEYWORD CORRECTED
4091	4095	41026.002	(920810A) DATA UNITS CHANGEG TO NO-DIM AND DATA VALUES
4089	4095	41093.001	(920530C) ++ COMPILED AT THE CENTRE - CJD ++
4095	4096	41042.001	(931009A) REACTION CODES CORRECTED USING EXPLICIT
4095	4096	41042.002	(931009A) REACTION QUANTITY CODE CORRECTED
4095	4096	41042.004	(931009A) REACTION QUANTITY CODE CORRECTED
4095	4096	41042.006	(931009A) REACTION QUANTITY CODE CORRECTED
4095	4096	41042.007	(931009A) REACTION QUANTITY CODE CORRECTED
4095	4096	41042.008	(931009A) REACTION QUANTITY CODE CORRECTED
4096	4098	41145.001	(940601C) ++ COMPILED AT THE CENTRE - CJD ++

4107	4109	40091.001	(970807A) * * BIB-INFORMATION CORRECTED AND
4107	4109	40091.002	(970807U) ANALYSIS INFORMATION CORRECTED
4109	4110	40254.016	(910916U) .EN-DUMMY' CHANGED TO 'EN'
4066	4113	40915.001	(870331C) COMPILED AT THE CJD
4069	4113	40930.001	(870831C) COMPILED AT THE CJD
4094	4113	41103.001	(920915C) + + COMPILED AT THE CENTRE - CJD + +
4094	4113	41103.001	(931022U) REACTION CODING CORRECTED
4094	4113	41109.001	(921130C) + + COMPILED AT THE CENTRE - CJD + +
4094	4113	41109.001	(931026A) + NEW CODING INTRODUCED ACCORDING TO
4094	4113	41109.004	(931026A) REACTION SF6 CHANGED FROM 'FY' TO 'FY/DE'
4094	4113	41109.005	(931026A) REACTION SF6 CHANGED FROM 'FY' TO 'FY/DE'
4094	4113	41109.006	(931026A) REACTION SF6 CHANGED FROM 'FY' TO 'FY/DE'
4094	4113	41109.008	(931026A) REACTION SF6 CHANGED FROM 'FY' TO 'FY/DE'
4094	4113	41109.009	(931026A) REACTION SF6 CHANGED FROM 'FY' TO 'FY/DE'
4094	4113	41120.001	(930709C) + + COMPILED AT THE CENTRE - CJD + +
4094	4114	40508.001	(830204C) + + COMPILED AT THE CENTRE - CJD + +
4094	4114	40508.001	(931015A) POINTERS DELETED. ALL DATA FOR DEFINITE
4094	4114	40508.002	(931015A) ALL DATA FOR RHENIUM FROM SAN 004 - 007
4094	4114	40508.008	(931015A) ALL DATA FOR LEAD FROM SAN 010 - 013
4049	4114	40518.001	(830220C)
4048	4114	40533.001	(830223C)
4110	4115	40194.001	(790215C) COMPILED AT THE CENTRE
4110	4115	40194.001	(830727U) SUBENTS CORRECTED
4110	4115	40194.001	(840723U) SOME ERRORS CORRECTED
4110	4115	40194.001	(900206A) SUBENTS 002 AND 003 REARRANGED, TWO NEW
4110	4115	40194.001	(980316U) .FINAL CORRECTIONS MADE. ONE AUTHOR NAME
4110	4115	40194.001	(981005A) .CORRECTIONS MADE IN SAN 004, 005
4109	4115	40194.002	(900206C) PART OF DATA ARE TRANSFERRED TO SAN 008
4109	4115	40194.002	(910917U) CORRECTIONS MADE BY NNDC
4079	4115	40194.003	(900206A) DATA TABLE IS REARRANGED. FORMER DATA ARE
4110	4115	40194.004	(910917U) DATA UNITS CHANGED TO 'PC/FIS'
4110	4115	40194.004	(980316A) REACTION SF6 QUANTITY 'DE' CORRECTED TO 'FY'
4110	4115	40194.004	(981005A) REACTION SF6 CODE CHANGED TO FY/DE,
4110	4115	40194.005	(910917U) DATA UNITS CHANGED TO 'PC/FIS'
4110	4115	40194.005	(980316A) REACTION SF6 QUANTITY 'DE' CORRECTED TO 'FY'
4110	4115	40194.005	(981005A) REACTION SF6 CODE CHANGED TO FY/DE,
4109	4115	40194.006	(830727U) MISC CORRECTED 830727
4109	4115	40194.006	(900206U) 'ASSUMED' INSTEAD OF 'MISC' INTRODUCED
4109	4115	40194.006	(910917U) Q-VAL DELETED
4109	4115	40194.007	(830727U) MISC CORRECTED 830727
4109	4115	40194.007	(900206U) 'ASSUMED' INSTEAD OF 'MISC' INTRODUCED
4109	4115	40194.007	(910917U) Q-VAL DELETED
4079	4115	40194.009	(900206C) TRANSFERRED FROM THE FORMER SAN 003
4096	4115	40420.001	(800818C) -- COMPILED AT THE CENTRE - CJD --



4096	4115	40420.001	(920821A) REACTION CODES CHANGED, SUBENT STRUCTURE
4096	4115	40420.001	(940420A) REACTION CODES MODIFIED
4096	4115	40420.002	(920821U) STRUCTURE OF SUBENT CHANGED
4096	4115	40420.002	(930420U) 'PR/PAR,NU' CHANGED TO 'PR,NU,FF'
4096	4115	40420.003	(930420U) 'PR/PAR,NU' CHANGED TO 'PR,NU,FF'
4096	4115	40420.005	(930420U) 'PR/PAR,NU' CHANGED TO 'PR,NU,FF'
4096	4115	40420.059	(920821C) ++ COMPILED AT THE CENTRE - CJD ++
4096	4115	40420.059	(940420U) PR/PAR,NU IN SF5-SF6 CHANGED TO PR,NU,FF
4096	4115	40420.060	(920821C) ++ COMPILED AT THE CENTRE - CJD ++
4096	4115	40420.060	(940420U) PR/PAR,NU IN SF5-SF6 CHANGED TO PR,NU,FF
4096	4115	40420.061	(920821C) ++ COMPILED AT THE CENTRE - CJD ++
4096	4115	40420.061	(940420U) PR/PAR,NU IN SF5-SF6 CHANGED TO PR,NU,FF
4096	4115	40420.062	(920821C) ++ COMPILED AT THE CENTRE - CJD ++
4096	4115	40420.062	(940420U) PR/PAR,NU IN SF5-SF6 CHANGED TO PR,NU,FF
4061	4115	40876.001	(851104C)
4062	4115	40884.001	(851205C)
4098	4115	40966.001	(890202C) COMPILED AT THE CJD
4098	4115	40966.001	(940531A) NEW REFERENCE ADDED. REACTION QUANTITY
4098	4115	40966.001	(950419U) ADDED 'PAR' TO REACTION SF5 IN SAN 2, 3, 4,
4098	4115	40966.002	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.003	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.004	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.008	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.009	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.010	(940531A) REACTION QUANTITY CORRECTED, REF. ADDED
4098	4115	40966.010	(950419U) 'PAR' ADDED TO REACTION SF5
4098	4115	40966.011	(940531A) REACTION QUANTITY CORRECTED
4098	4115	40966.011	(950419U) 'PAR' ADDED TO REACTION SF5
4081	4115	40989.001	(890914C) COMPILED AT THE CENTRE - CJD
4081	4115	40989.001	(901017U) 'AV' ADDED IN SAN 002, 003
4081	4115	40989.002	(901017U) 'AV' ADDED TO SF8
4081	4115	40989.003	(901017U) 'AV' ADDED TO SF8
4110	4115	41300.001	(980925C) ++ COMPILED AT THE CJD ++
4116	4118	41292.001	(19990906A) DATES CORRECTED. NEW SUBENT ADDED
4117	4119	41240.120	(19990709C) ++ COMPILED AT THE CENTER
4109	4120	40173.001	(980316U) ALTER FLAGS INTRODUCED
4109	4120	40200.001	(980318U) FINAL CORRECTIONS MADE IN CJD.
4108	4120	40445.001	(980203U) BIB-INFORMATION CORRECTED AND UPDATED
4119	4120	41240.001	(20000327A) . . Corrected at CJD. One Subent Deleted.
4107	4123	40919.001	(971211A) DATA FOR EN=1.70 MEV IN SAN 004 CORRECTED
4120	4123	41240.001	(20000828A) .Corrected at CJD
4109	4124	40022.001	(980225U) REFERENCES CORRECTED IN SAN 001. ALTER FLAGS
4110	4124	40028.001	(980225U) FINAL CORRECTIONS MADE BY S.MAEV USING
4110	4124	40028.001	(981013U) CORRECTED BY CJD.DATA-ERR CHANGED TO ERR-T

4109	4124	40030.001	(980226U) FINAL CORRECTIONS WERE MADE IN CJD
4109	4124	40045.001	(980228U) FINAL CORRECTIONS MADE IN CJD
4109	4124	40083.001	(980303U) CORRECTED IN CJD - BIB-INFORMATION IN
4109	4124	40083.002	(980303U) REACTION SF8 CHANGED TO 'FIS'. DATA FOR EN=
4109	4124	40083.004	(980303U) FACILITY AND KEYWORD MOVED FROM SAN 001
4109	4124	40083.005	(980303U) FACILITY AND KEYWORD MOVED FROM SAN 001
4109	4124	40083.006	(980303U) REACTION SF8 CHANGED TO 'FIS'.
4109	4124	40083.007	(980303U) REACTION SF8 CHANGED TO 'FIS'.
4109	4124	40083.008	(980303U) FACILITY CODE CORRECTED
4109	4124	40083.009	(980303U) REACTION SF8 CHANGED TO 'FIS'.
4110	4124	40086.001	(980306U) CORRECTED IN CJD USING NNDC CORRECTIONS
4110	4124	40086.001	(980625A) CORRELATIONS TO ENTRY 41232 ESTABLISHED
4109	4124	40086.002	(980306U) FINAL CORRECTIONS MADE
4109	4124	40091.001	(980306U) .CORRECTED IN CJD USING NNDC CORRECTIONS
4109	4124	40122.001	(980307U) CORRECTED IN CJD INCLUDING NNDC CORRECTION
4109	4124	40136.001	(980314U) FINAL CORRECTIONS MADE. ALTER FLAGS ADDED
4109	4124	40145.001	(980314U) FINAL CORRECTIONS - ALTER FLAGS ADDED
4109	4124	40145.003	(980314U) CORRECTION FLAGS ADDED
4109	4124	40151.001	(980314U) REFERENCE AND INSTITUTE CODES CORRECTED
4120	4124	40173.001	(20000424A) Corrected at Cjd
4110	4124	40177.001	(980316U) ALTER FLAGS ADDED
4110	4124	40177.001	(981021U) CORRECTED AT CJD - EN-ERR MOVED TO SAN 002
4110	4124	40177.002	(981021U) EN-ERR DISCRIPTION MOVED FROM SAN 001
4109	4124	40183.001	(980316U) FINAL CORRECTIONS MADE.
4109	4124	40196.001	(980318U) ALTER FLAGS ADDED IN SAN 001
4120	4124	40200.001	(20000424A) Corrected at Cjd
4109	4124	40200.006	(980318A) REACTION SF6 QUANTITY CORRECTED FROM 'FY'
4109	4124	40205.001	(980318U) .FINAL CORRECTIONS ARE MADE
4109	4124	40214.001	(980318U) .FINAL CORRECTIONS MADE BY CJD
4109	4124	40218.001	(980318U) BIB-INFORMATION CORRECTED
4109	4124	40223.001	(980322U) .FINAL CORRECTIONS MADE AND ALTER FLAGS ADDE
4109	4124	40226.001	(980322U) .FINAL CORRECTIONS MADE - ALTER FLAGS ADDED,
4110	4124	40245.001	(980602A) ENTRY RESTORED AT THE CJD USING DATA
4110	4124	40245.002	(980602A) DATA RESTORED AND MERGEDFROM THREE SUBENTS
4110	4124	40245.006	(980602A) DATA RESTORED
4110	4124	40245.007	(980602A) DATA RESTORED
4110	4124	40247.001	(980322U) .FINAL CORRECTIONS - ALTER FLAGS ADDED,
4110	4124	40247.001	(980618A) .REACTION SF3 FIELD CHANGED IN SAN 005
4109	4124	40249.001	(980325U) FINAL CORRECTIONS, ALTER FLAGS ADDED
4110	4124	40254.001	(980325U) .FINAL CORRECTIONS, ALTER FLAGS ADDED
4110	4124	40254.001	(981012U) CORRECTIONS MADE BY CJD
4110	4124	40254.003	(981012U) CROSS-CORRELATION ESTABLISHED
4110	4124	40254.004	(981012U) CROSS-CORRELATION ESTABLISHED

4110	4124	40254.006	(981012U) CROSS-REFERENCE GIVEN
4110	4124	40254.007	(981012U) SAMPLE INFORMATION CHANGED
4110	4124	40254.009	(981012U) CROSS-CORRELATION ESTABLISHED
4110	4124	40254.010	(981012U) CROSS-CORRELATION ESTABLISHED
4110	4124	40254.012	(981012U) CROSS-CORRELATION ESTABLISHED
4110	4124	40254.013	(981012U) CROSS-CORRELATION ESTABLISHED
4110	4124	40254.014	(981012U) SAMPLE KEYWORD CHANGED
4110	4124	40254.015	(981012U) SAMPLE KEYWORD CHANGED
4110	4124	40254.016	(981012U) .EN-DUMMY' CHANGED TO 'EN'
4110	4124	40254.017	(981012U) SAMPLE KEYWORD DELETED
4110	4124	40254.018	(981012U) SAMPLE KEYWORD DELETED
4110	4124	40254.019	(981012U) SAMPLE KEYWORD
4110	4124	40254.020	(981012U) REFERENCE MOVED TO SAN 001
4110	4124	40254.021	(981012U) REFERENCE MOVED TO SAN 001
4110	4124	40254.022	(981012U) REFERENCE MOVED TO SAN 001
4110	4124	40254.023	(981012U) REFERENCE MOVED TO SAN 001
4109	4124	40255.001	(980325U) .INSTITUTE CODE CORRECTED, ALTER FLAGS ADDED
4110	4124	40276.001	(980330U) .FINAL CORRECTIONS MADE IN CJD - INSTITUTE
4110	4124	40276.001	(981003U) .REFERENCE ADDED TO SAN 001
4110	4124	40276.005	(981003U) REFERENCE MOVED TO SAN 001
4110	4124	40276.011	(981003U) REFERENCE MOVED TO SAN 001
4110	4124	40276.017	(981003U) REFERENCE MOVED TO SAN 001
4109	4124	40279.001	(980330U) .FINAL CORRECTIONS MADE BY CJD - INSTITUTE
4109	4124	40294.001	(980330U) .FINAL CORRECTIONS MADE IN CJD - INSTITUTE
4109	4124	40301.001	(980330U) .FINAL CORRECTIONS MADE IN CJD - INSTITUTE
4109	4124	40310.001	(980330U) .FINAL CORRECTIONS MADE BY CJD - INSTITUTE
4109	4124	40326.001	(980330U) .BIB-INFORMATION CORRECTED - INSTITUTE,
4109	4124	40346.001	(980331U) .FINAL CORRECTIONS MADE AT CJD - INSTITUTE
4109	4124	40362.001	(980331U) .FINAL CORRECTIONS MADE AT CJD - INSTITUTE
4109	4124	40363.001	(980331U) .FINAL CORRECTIONS MADE AT CJD - INSTITUTE
4109	4124	40374.001	(980401A) .CORRECTED AT CJD - INSTITUTE CODE CORRECTED
4119	4124	41109.001	(19990405A) Corrected at NNDC and CJD
4119	4124	41109.004	(19990405A) Reaction SF8 Corrected
4119	4124	41109.005	(19990405A) Reaction SF8 Corrected
4119	4124	41109.006	(19990405A) Reaction SF8 Corrected
4119	4124	41109.008	(19990405A) Reaction SF8 Corrected
4119	4124	41109.009	(19990405A) Reaction SF8 Corrected
4119	4124	41120.001	(20000608U) . . CORRECTED AT CJD
4116	4124	41154.001	(19990817A) DATES CORRECTED, SOME CODES CORRECTED
4116	4124	41154.004	(19990817U) DATA HEADINGS CORRECTED. G-WID MOVED TO
4116	4124	41154.005	(19990817C) COMPILED AT CJD
4116	4124	41154.006	(19990817C) COMPILED AT CJD
4110	4126	40127.025	(981012U) SAMPLE KEYWORD ADDED
4124	4126	40541.001	(20010503U) Last Checking has Been done.

4119	4126	41369.001	(20000503U) Last Checking has Been done.
4119	4127	41026.001	(19990928A) Corrected at Cjd. Plus 4-Digit Dates Given
4119	4127	41026.001	(20000327U) ++ Corrected at Cjd
4119	4127	41026.002	(19990928A) New Codes Given. Units Changed
4119	4127	41026.002	(20000327U) Units Changed
4119	4127	41026.003	(19990928A) New Codes Given. Units Changed
4119	4127	41026.003	(20000327U) Units Changed
4119	4127	41026.004	(19990928A) New Codes Given. Units Changed
4119	4127	41026.004	(20000327U) Units Changed
4119	4127	41026.005	(19990928A) New Codes Given. Units Changed
4119	4127	41026.005	(20000327U) Units Changed
4119	4127	41026.006	(19990928A) New Codes Given. Units Changed
4119	4127	41026.006	(20000327U) Units Changed
4124	4127	41152.001	(20010517U) Last Checking has Been done.
4124	4127	41154.001	(20010311A) DATE is corrected
4124	4127	41154.004	(20010311A) NUMERICAL DATA FOR STF, L=1,2 CORRECTED
4124	4127	41154.005	(20010311C) COMPILED AT THE CJD
4124	4127	41154.006	(20010311C) COMPILED AT THE CJD
4120	4128	40386.001	(20000427A) Corrected at CJD
4120	4128	40387.001	(20000427A) Corrected at CJD
4110	4129	40177.003	(981021U) REFERENCE MOVED TO SAN 001
4122	4129	40616.001	(20010129A)
4123	4130	40658.001	(20010319A) DATE is corrected
4126	4130	40876.002	(20011031A) .'SCT' Changed to 'EL' in SF3.
4126	4130	40876.002	(20020430U) . THICKNESS UNITS CHANGED BACK TO ATOMS/B
4125	4130	40953.008	(20010815A) Definition of MISC Corrected
4127	4131	40968.001	(20020729A) DATE is corrected
4127	4133	41013.001	(20020729A) DATE is corrected
4133	4135	40547.001	(20040519A) Dates corrected. BIB-information corrected
4135	4136	40161.001	(20050825U) Correction according to Memo CP-E/069
4135	4136	41378.001	(20050701U) Corrected according to N.O. comments
4136	4138	41064.001	(20051031U) (M.M.) 3d reference was added
4136	4138	41064.002	(20051031U) STATUS was added
4138	4139	41163.001	(20060427A) Data units were corrected from B into MB.
4143	4144	41500.001	(20080331U) 3rd Reference was added.
4156	4157	41421.001	(20120214A) INC-SOURCE was deleted in Subent 006.
4157	4158	41579.001	(20120503A) Ref. J,FCY/L,9,(1),45,2012 was added.
4158	4160	41500.001	(20121002U) Ref. J,PAN,62,1279,1999 was added.
4160	4161	40899.001	(20130222A) M.M. INC-SOURCE line was deleted -
4165	4169	41322.001	(20141017U) Minor correction in BIB information of
A014	A016	A0194.001	(851129U)
A015	A018	A0195.001	(860325U)
A015	A018	A0273.001	(860407U)

A016	A020	A0101.001	(820104U)
A022	A023	A0394.001	(880112U)
A022	A023	A0402.001	(890330U)
A022	A023	A0403.001	(890329U)
A023	A024	A0418.001	(891018U)
A023	A024	A0434.001	(900108U)
A023	A024	A0435.001	(900108U)
A024	A025	A0294.001	(900226U)
A024	A025	A0294.001	(900227U)
A024	A025	A0294.001	(900405U)
A024	A025	A0408.001	(890414U)
A024	A025	A0408.001	(900816U)
A024	A025	A0431.001	(891016U)
A024	A025	A0431.001	(891016U)
A024	A025	A0431.001	(891020U)
A024	A025	A0431.001	(900109U)
A024	A025	A0434.001	(890908U)
A024	A025	A0434.001	(890929U)
A024	A025	A0435.001	(891023U)
A024	A025	A0436.001	(891121C)
A024	A025	A0436.001	(891122U)
A024	A025	A0436.001	(891124U)
A024	A025	A0458.001	(900625U)
A024	A025	A0460.001	(900625U)
A024	A025	A0461.001	(900625U)
A024	A025	A0462.001	(900615U)
A024	A025	A0462.001	(900709U)
A024	A025	A0466.001	(900625U)
A024	A025	A0471.001	(901016U)
A024	A025	A0471.001	(901216U)
A024	A025	A0474.001	(901126U)
A024	A025	A0474.001	(901129U)
A024	A025	A0474.001	(901129U)
A024	A025	A0474.001	(901224U)
A024	A025	A0474.001	(910108U)
A024	A025	A0476.001	(901030C)
A024	A025	A0476.001	(910108U)
A025	A026	A0294.001	(911002U)
A025	A026	A0408.001	(910930U)
A025	A026	A0434.001	(911002U)
A025	A026	A0445.001	(910926U)
A025	A026	A0480.001	(910723U)
A025	A026	A0482.001	(910926U)
A025	A026	A0483.001	(910926U)

A025	A026	A0485.001	(910926U)
A025	A026	A0487.001	(910930U)
A025	A026	A0489.001	(910926U)
A025	A026	A0492.001	(910926U)
A025	A026	A0494.001	(910926U)
A021	A027	A0366.001	(880419U)
A021	A027	A0366.001	(880421U)
A021	A027	A0366.001	(880705U)
A021	A027	A0366.001	(880719U)
A021	A027	A0366.001	(890302U)
A021	A027	A0366.001	(890307U)
A021	A027	A0366.001	(890309U)
A021	A027	A0371.001	(880426C)
A021	A027	A0371.001	(820104U)
A029	A030	A0340.001	(931112U)
A029	A030	A0501.001	(931209U)
A029	A030	A0516.001	(931103U)
A029	A030	A0518.001	(931124U)
A029	A030	A0519.001	(931103U)
A025	A031	A0478.001	(910926U)
A025	A031	A0479.001	(910930U)
A029	A031	A0514.001	(931124U)
A029	A031	A0515.001	(931124U)
A022	A042	A0398.001	(890102U)
A022	A042	A0398.001	(890323U)
A022	A042	A0398.001	(890325U)
A022	A042	A0398.001	(890330U)
A023	A042	A0412.001	(890525U)
A023	A042	A0412.001	(890601U)
A025	A042	A0488.001	(910926U)
A029	A042	A0502.001	(931112U)
A029	A042	A0512.001	(931124U)
A031	A042	A0514.001	(950404U)
A031	A042	A0515.001	(950404U)
A030	A043	A0501.001	(950320U)
A030	A043	A0501.006	(950320U)
A017	A044	A0292.001	(861015U)
A017	A044	A0292.001	(861117U)
A017	A044	A0304.001	(861004U)
A017	A044	A0317.001	(861212U)
A017	A044	A0317.001	(861215U)
A017	A044	A0317.001	(861216U)
A017	A044	A0317.001	(861222U)
A017	A044	A0317.001	(861223U)

A017	A044	A0329.001	(861229U)
A017	A044	A0329.001	(870105U)
A017	A044	A0329.001	(870106U)
A017	A044	A0329.001	(870109U)
A017	A044	A0329.001	(870112U)
A017	A044	A0329.001	(870119U)
A017	A044	A0329.001	(870119U)
A017	A044	A0329.001	(870119U)
A017	A044	A0329.001	(870223U)
A022	A044	A0399.001	(890228U)
A022	A044	A0399.001	(890307U)
A022	A044	A0399.001	(890214U)
A023	A044	A0403.001	(890321U)
A029	A044	A0513.001	(931124U)
A031	A044	A0529.001	(950417U)
A031	A044	A0531.001	(950403U)
A031	A044	A0535.001	(950420U)
A031	A044	A0536.001	(950420U)
A031	A044	A0538.001	(950420U)
A031	A044	A0540.001	(950420U)
A045	A046	A0460.001	(19990318A)DATE is corrected
A045	A046	A0615.001	(19990318A)DATE is corrected
A047	A049	A0387.001	(20000717A) DATE is corrected
A047	A049	A1284.001	(20000717A) DATE is corrected
A047	A049	A1287.001	(20000717A) DATE is corrected
A049	A051	A0110.001	(20010614A) Remarks of V.Mclane are Included.
A047	A051	A0171.001	(20000402A) Conversion to Lower Case. All Reaction
A047	A051	A0171.001	(20000717A) DATE is corrected
A042	A051	A0412.001	(971013A) Corrected Reference. Low Case Transform.
A043	A051	A1400.001	(980309A) Deleted. Same as P0031.
A043	A051	A1438.001	(980509A) Data Set Deleted, Duplicate of C0417.
A047	A052	A0350.001	(19990817A) Reaction Lines are Corrected. Converted to
A047	A052	A0350.001	(20000717A) DATE is corrected
A047	A054	A0652.001	(20000503A) Remarks of O.Schwerer are Included.
A047	A054	A0652.001	(20000717A) DATE is corrected
A046	A055	A0613.001	(19990621A) DATE is corrected
A051	A056	A0228.001	(20010621U) Last Checking has Been done.
A044	A056	A0559.001	(980507A). Reaction Line in 5-Th Subentry is Corrected.
A045	A056	A0610.001	(19990318A)DATE is corrected
A045	A058	A0626.001	(19990318A)DATE is corrected
A070	A072	A0451.001	(20100816A) New Reference was added. En to En-cm was
A070	A072	A0856.001	(20100921C) Correction in Status was done, according
A073	A075	A0292.001	(20110826A).Correction in sub.002-003, according
A073	A075	A0727.001	(20110825A) Correction in Reference code

A082	A083	A0586.001	(20140903D) SD: Entry deleted - duplication with A0303.
A081	A084	A0194.001	(20140224U) SD: Ref. INDC(CCP)-210 was added.
A084	A085	A0222.001	(20160317A) SD: BIB update (DETECTOR, SAMPLE, REL-REF
A084	A085	A0222.008	(20160317A) SD: SF3=N+A -> X; SF4=Au-196m1+g -> Au-196
B018	B019	B0014.001	(19970606A) Err-Analys Line is Corrected.
B018	B019	B0016.001	(19971211A) Err-Analys Correction. Lower Case.
B022	B023	B0079.001	(20100616A) The code (DEF) from SF5 was deleted in
C011	C025	C0207.001	(880928A) ENERGY RANGE REMOVED FROM COMMON, BIB UPDATE
C034	C061	C0526.001	(19990628C) VM
C040	C061	C0629.001	(20000406C) VM
C048	C061	C0730.001	(20001020C) SD
C048	C061	C0730.001	(20010226A) Interpolated data removed as per Carlson.
C077	C079	C0185.001	(20060309C) DR Name of the first author corrected
C074	C079	C0857.001	(20050602C) DR Reference corrected
C076	C079	C1137.001	(20051115C) DR Two first names corrected
C078	C079	C1335.001	(20060614C) DR Reaction corrected in subentry 2,
C080	C081	C0363.001	(20070504A) DR Format updated and data corrected
C080	C081	C0364.001	(20070501A) DR Data for 209Bi(p,194Hg) corrected
C080	C081	C1443.001	(20070312A) DR Units and headings corrected
C096	C097	C0423.001	(20100323A) SD: Ref. was corrected:
C075	C097	C1299.001	(20050807C) DR
C110	C114	C0748.001	(20110922U) OS. BIB corrections
C120	C128	C1705.001	(20120707D) SD: Entry deleted. Duplication with C1461.
C127	C128	C1888.001	(20121128A) S.H. Corrected values of S-factor in sub.2
C127	C128	C1888.002	(20121128A) S.H. Corrected order of magnitude
C157	C158	C2184.001	(20160122U) On. ERR-ANALYS: Typos corrected.
C157	C161	C0051.001	(20160316D) On. 004 deleted. See T0010.010.
C159	C161	C1827.001	(20160705A) OS. REACTION codes in subs.2-8 updated
D022	D023	D4046.001	(971210U)
D022	D023	D4080.001	(980113U)
D045	D046	D0354.001	(20060207U) Add reference
D025	D048	D0007.001	(20030325A) OS. Changed to lower case and 4-digit year,
D050	D052	D0098.001	(20061102U) Corrected page of the ref.
D052	D054	D4161.001	(20061123U) second ref.was added.
D062	D063	D0430.001	(20080709A) SD. Title was added.
D063	D064	D4151.001	(20080821A) On. In subent. 002:
D067	D068	D4103.001	(20090504A) SD. page of publication in Phys.Rev.
D068	D069	D0453.003	(20090521A) SD: data were corrected according final
D068	D069	D0516.001	(20090520A) On. REFERENCE (2008AOMORI) added
D067	D069	D0520.001	(20090504D) SD. Entry deleted. Duplication with O0877
D072	D073	D0412.001	(20100317A) SD: reaction in Subent 005 was corrected.



D072	D073	D0412.005	(20100317A) SD: reaction code was corrected.
D072	D073	D4213.001	(20100303A) SD: ref.of publ. corrected
D069	D074	D0208.001	(20090820A) SD: keyword METHOD was corrected.
D074	D075	D0032.001	(20100827U) On. 004 corrected
D074	D075	D0032.004	(20100827U) On. Value(130) without heading/unit deleted
D074	D075	D0282.001	(20100917A) SD: type of ref. on NUCL-EX was corrected.
D074	D075	D0550.001	(20100623A) SD: at line METHOD the opening
D074	D075	D4031.001	(20100623A) SD: ERR-ANALYS was corrected according to
D076	D078	D6073.001	(20110203U) VS. DOI identifier corrected
D078	D079	D0199.001	(20110406A) SD: Energy units in Subent 002 changed:
D078	D079	D0629.001	(20110516A) On. REFERENCE corrected
D074	D084	D4136.001	(20100623A) SD: at line DETECTOR the opening
D079	D093	D6042.003	(20110207A) On. SF3: FUS -> F
D079	D093	D6042.003	(20110815A) On. EN -> EN-CM
D074	D094	D4038.001	(20101007A) SD: ref.corrected: (C,91JUELIC,,753,1991)=>
D076	D101	D0008.001	(20110203A) On. REFERENCE moved from data subentries
D076	D101	D0008.003	(20110203A) On. STATUS added
D076	D101	D0008.004	(20110203A) On. STATUS added
D104	D105	D0615.001	(20160513U) VS T1/2 corrected in 016.
D104	D105	D0638.001	(20160513U) VS REFERENCE corrected.
D104	D106	D0253.001	(20160509A) VS. Ref. NP/A,718,147,2003 added.
E020	E037	E1700.001	(20020704C)By Naohiko OTUKA
E021	E037	E1707.001	(20021119U)Zero erros are removed, detected particles
E028	E039	E1411.001	(20040329A) Total fission cross section data (Fig.2)
E029	E039	E1718.001	(20010920C)
E022	E040	E1755.001	(20020123A)
E026	E043	E1618.001	(20031001C)
E026	E043	E1620.001	(20031002C)
E026	E043	E1642.001	(20031002C)
E029	E043	E1681.001	(20040319C)
E027	E051	E0809.001	(20040401A) SCT in SF3 in each table is replaced by EL
E027	E051	E0833.001	(20040401A) P or SCT in SF3 are replaced by EL or INL.
E027	E051	E0833.004	(20040401A) ERR-ANALYS is added.
E027	E051	E0833.005	(20040401A) ERR-ANALYS is added.
E027	E051	E1117.001	(20040401A) Unit and value of POL-BM are corrected.
E027	E051	E1363.001	(20040402A) Units and values of beam polarization are
E027	E051	E1365.001	(20040402A) Unit and value of beam polarization are
E027	E051	E1367.001	(20040402A) Units and values of beam polarization are
E027	E051	E1420.001	(20040402A) Units and values of beam polarization are
E051	E065	E1236.002	(20070118A) At. Re-digitized
E051	E065	E1236.002	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.003	(20070118A) At. Re-digitized
E051	E065	E1236.003	(20070321A) On. Data replaced by tabulated data in

E051	E065	E1236.004	(20070118A) At. Re-digitized
E051	E065	E1236.004	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.005	(20070118A) At. Re-digitized
E051	E065	E1236.005	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.006	(20070118A) At. Re-digitized
E051	E065	E1236.006	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.007	(20070118A) At. Re-digitized
E051	E065	E1236.007	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.008	(20070118A) At. Re-digitized
E051	E065	E1236.008	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.009	(20070118A) At. Re-digitized
E051	E065	E1236.009	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.010	(20070118A) At. Re-digitized
E051	E065	E1236.010	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.011	(20070118A) At. Re-digitized
E051	E065	E1236.011	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.012	(20070118A) At. Re-digitized
E051	E065	E1236.012	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.013	(20070118A) At. Re-digitized
E051	E065	E1236.013	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.014	(20070118A) At. Re-digitized
E051	E065	E1236.014	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.015	(20070118A) At. Re-digitized
E051	E065	E1236.015	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.016	(20070118A) At. Re-digitized
E051	E065	E1236.016	(20070321A) On. Data replaced by tabulated data in
E051	E065	E1236.017	(20070118A) At. Re-digitized
E051	E065	E1236.017	(20070321A) On. Data replaced by tabulated data in
F013	F014	F0517.001	(20010410C)
F011	F016	F0245.001	(19990409A) CNPD: corrected 4-dig. year
F011	F016	F0245.001	(19990507D) Entry deleted. New entry named T0041.
F015	F020	F0536.001	(20030410C)
F023	F024	F0576.001	(20051223A) Title was corrected.
F033	F034	F0623.001	(20090119A) Reaction definition in sub 3,5,6 was
F039	F040	F0766.001	(20100806A) MONITOR record was changed. Reaction record
F042	F043	F0484.001	(20110808A) SD: fig. 5 was redigitized.
F033	F045	F0265.001	(20081126A) Reaction definition in sub 3 was changed.
F042	F045	F0954.001	(20110821A) SD: SF5=PAR in REACTION code added in
F054	F057	F0144.001	(20140405U) SD: Title corrected.
F059	F061	F0582.001	(20150926U) English translation was added.
G019	G020	G0014.001	(20090820A) SD: list of authors was corrected.
G020	G021	G4018.001	(20100322A)UKRNDC: ref. on VAT/I,5/52 was added

G024	G025	G4018.001	(20100322C)UKRNDC: ref. on VAT/I,5/52 was added
G024	G025	G4018.001	(20101110C)OG: ref. on IZV,BAS and #doi were added
G024	G025	G4018.001	(20101208C)OG: Conference code was added
G024	G025	G4018.001	(20110714A)OG: Instead BRS is used BRA (EN-MAX ->EN)
G024	G025	G4018.001	(20110714D)OG: Subentry G4018003 was deleted. Corrected
G024	G025	G4034.001	(20111024C)OG: ref. on IZV,BAS and #doi were added
G025	G026	G0019.001	(20120530U) On. BIB updated (formal correction only)
G026	G027	G0019.001	(20120906U) On. REL-REF: Code changed (N -> O)
G026	G027	G4020.001	(20130403U) On. Formal correction only
G026	G027	G4020.016	(20130403A) On. 73-TA-180-M -> 73-TA-180-G
G031	G032	G4024.001	(20140925U) On. REFERENCE: J,IZV,72,1634,2008 added
J004	J006	J1609.001	(20031002C) Nk + Am + On.
L002	L003	L0006.003	(860422A) REACTION CORRECTED
L002	L003	L0006.004	(860422A) REACTION CORRECTED
L009	L015	L0120.001	(20060414C) DR
L022	L026	L0058.001	(20131206A) BP: Added doi, digitized Fig.2 per IAEA
M029	M030	M0431.001	(20000225A)
M046	M051	M0635.001	(20080616A) Corrected By V.Varlamov:
M040	M052	M0690.001	(20050901C)
M056	M061	M0073.001	(20101216A) Corrected by V.Varlamov: REACTION,
M056	M061	M0775.001	(20110119A) Corrected by V.Varlamov: DATA (pointer 3
M062	M063	M0501.001	(20120202A) Corrected by V.Varlamov: DATA-CM in 004
M056	M063	M0758.001	(20110131A) Corrected by V.Varlamov: doi, AUTHOR,
M063	M064	M0368.001	(20120405A) Corrected by V.Varlamov: dates, doi,
M063	M064	M0415.001	(20120405A) Corrected by V.Varlamov: datas, doi.
M059	M067	M0297.001	(20110531A) Corrected by V.Varlamov: REFERENCE,
M047	M067	M0744.001	(20081204C) DATA for SUBENTS 007, 008, 013 substituted.
M047	M067	M0746.001	(20081204C) DATA for SUBENTS 6, 8, 10-12 substituted.
M067	M070	M0190.001	(20130606A) Corrected by V.Varlamov: REACTION,
M067	M071	M0167.043	(20130604A) Corrected by V.Varlamov:
M067	M071	M0167.044	(20130604A) Corrected by V.Varlamov:
M067	M071	M0167.045	(20130604A) Corrected by V.Varlamov:
M067	M071	M0167.046	(20130604A) Corrected by V.Varlamov:
M067	M071	M0167.047	(20130604A) Corrected by V.Varlamov:
M056	M073	M0133.001	(20110128A) Corrected by V.Varlamov: dates, CCP ->
M077	M078	M0509.002	(20150302A) DATA-ERR.
M067	M085	M0106.006	(20130531C)
O008	O010	O0301.001	(970211A) Some Corrections were Included by F.Chukreev.
O008	O010	O0301.001	(970615A) Data For Calcium and Zirconium are Added.
O007	O010	O0310.001	(970314A) Corected by F.E.C.

O007	O010	O0354.001	(970605C)
O008	O011	O0032.001	(970630A) Additional Data from Clark'S Library are
O012	O017	O0504.001	(19991117A) DATE is corrected
O012	O017	O0514.001	(19991117A) DATE is corrected
O012	O017	O0522.001	(19991117A) Date is Corrected
O012	O017	O0522.001	(20001125A) Subentry O0522003 has Been Corrected
O012	O017	O0538.001	(19991117A) DATE is corrected
O012	O017	O0539.001	(19991117A) DATE is corrected
O012	O017	O0541.001	(19991117A) DATE is corrected
O012	O017	O0558.001	(19990903A) Separate Subentries For Mo and Pd are
O012	O017	O0558.001	(19991117A) DATE is corrected
O012	O017	O0565.001	(19991117A) DATE is corrected
O012	O017	O0571.001	(20001121A) Subentries O0571002,009, 0010 are corrected
O012	O017	O0586.001	(19991117A) DATE is corrected
O012	O017	O0590.001	(20010110A) Subentries O0590011-305 are corrected
O012	O017	O0667.001	(19991117A) DATE is corrected
O013	O017	O0685.001	(20000119C)
O013	O017	O0685.001	(20000427A) DATE is corrected
O013	O017	O0699.001	(20001221A) Subentry O0699005 has been corrected
O013	O017	O0733.001	(20001221A) Subentries O0733019 has Been Corrected
O013	O017	O0747.001	(20000427A) DATE is corrected
O016	O017	O0848.001	(20040321A) Subentry O0848017 was excluded according to
O017	O018	O0275.001	(20040211D) Deleted. Duplicate of data set C0840.
O017	O018	O0383.001	(20031011A) Corrected some errors in O0383008.
O017	O018	O0383.001	(20040312D) Deleted. It is same as E1659
O011	O018	O0494.001	(20000426A) Date is Corrected
O011	O018	O0494.001	(20001121A) Subentries O0494002-003 are corrected
O017	O018	O0504.001	(20040312D) Deleted. It is same as E1842
O017	O018	O0514.001	(20040312D) Deleted. It is same as E1843.
O017	O018	O0522.001	(20040312D) Deleted. It is same as E0815
O017	O018	O0538.001	(20040312D) Deleted. It is same as E1854
O017	O018	O0539.001	(20040312D) Deleted. It is same as E1855
O017	O018	O0541.001	(20040312D) Deleted. It is same as E0962
O017	O018	O0547.001	(20040312D) Deleted. It is same as E1846
O017	O018	O0558.001	(20040312D) Deleted. It is same as E1845
O017	O018	O0565.001	(20040312D) Deleted. It is same as E1847
O017	O018	O0571.001	(20040312D) Deleted. It is same as E1848
O017	O018	O0586.001	(20040312D) Deleted. It is same as E1849
O017	O018	O0590.001	(20040312D) Deleted. It is same as E1411
O017	O018	O0667.001	(20040312D) Deleted. It is same as E1850
O013	O018	O0673.001	(20000427A) DATE is corrected
O013	O018	O0675.001	(20000427A) DATE is corrected
O013	O018	O0676.001	(20000427A) DATE is corrected
O013	O018	O0677.001	(20000427A) DATE is corrected

O017	O018	O0685.001	(20000122C)
O017	O018	O0685.001	(20040312D) Deleted. It is same as E1434
O013	O018	O0695.001	(20000427A) DATE is corrected
O017	O018	O0699.001	(20040312D) Deleted. It is same as E1851
O013	O018	O0722.001	(20000427A) DATE is corrected
O017	O018	O0733.001	(20040312D) Deleted. It is same as E1852
O013	O018	O0738.001	(20000427A) DATE is corrected
O017	O018	O0747.001	(20040312D) Deleted. It is same as E1853
O015	O018	O0773.001	(20010323A) DATE is corrected
O015	O018	O0794.001	(20010323A) DATE is corrected
O015	O018	O0799.001	(20010323A) DATE is corrected
O015	O018	O0808.001	(20010323A) DATE is corrected
O018	O020	O0302.001	(20040412D) Deleted. This entry is same as O0479
O011	O020	O0429.001	(20000426A) DATE is corrected
O011	O020	O0450.001	(20000426A) DATE is corrected
O011	O020	O0479.001	(20000426A) DATE is corrected
O011	O020	O0492.001	(20000426A) DATE is corrected
O011	O020	O0493.001	(20000426A) Date is Corrected
O015	O020	O0764.001	(20010323A) DATE is corrected
O017	O020	O0848.001	(20030516A) Data units in 002-008 subents are changed.
O017	O020	O0921.001	(20020820A) Reference and 2-Nd subent have been
O010	O021	O0375.001	(20000425A) DATE is corrected
O011	O021	O0460.001	(20000426A) DATE is corrected
O015	O021	O0783.001	(20010323A) DATE is corrected
O015	O021	O0784.001	(20010323A) DATE is corrected
O018	O021	O0796.001	(20001004C)
O018	O021	O0796.001	(20040416D) Deleted. This entry is same as T0291
O015	O023	O0781.001	(20000919C)
O015	O023	O0781.001	(20010323A) DATE is corrected
O026	O028	O1170.001	(20060322A) References are added.
O028	O033	O0793.001	(20070605A) Institute code is corrected according
O040	O041	O0001.001	(20090810A) BIB section upgraded.
O041	O043	O0561.001	(20100401A) Reactions in subentries 2-7 are corrected
O044	O049	O1762.001	(20100118C) SB
O044	O049	O1762.001	(20110214A).New references were added.
O046	O049	O1896.001	(20110801C) SB
O047	O049	O1977.001	(20120305C) SB
O048	O051	O0820.001	(20120605U) SD: ref. added on translation; BIB update;
O045	O056	O0277.145	(20110313A) SD: SF5=IND added to REACTION code.
T006	T014	T0115.001	(20000419C) CAJaD+VM Converted from A0384.
T013	T014	T0127.001	(20001121C) Converted from data set B0080;
T013	T014	T0127.001	(20030625A) Miscellaneous data moved to separate