## **Progress in Correction of Items on Feedback List (A2)**

(N. Otsuka, 2018-04-20)

**NRDC Action2 (All):** Correct erroneous entries listed on the EXFOR Feedback List according to the indicated priorities. All urgent corrections must be done by the next meeting.

Progress in corrections of mistakes registered in the EXFOR Feedback List (http://www-nds.iaea.org/nrdc/error/) was reviewed. All preliminary files transmitted by 20 April 2017 are considered below. The numbers for NDS include entries originally prepared by ATOMKI, CNDC, KNDC, NDPCI and UkrNDC.

The next page shows retransmission makes old-fashioned entries more readable.

**Table:** Number of subentries with uncorrected mistakes (EXFOR Feedback List)

"Very urgent": errors in headings, units or values

very Urgent	Urgent	Normal	Total
2	0	10	12
1	1	13	15
44	2	29	75
19	21	40	80
78	4	20	102
2	8	127	137
42	51	66	159
	Urgent           2           1           44           19           78           2           42	Urgent         Urgent           2         0           1         1           44         2           19         21           78         4           2         8           42         51	VergentUrgentNormal20101113442291921407842028127425166





Fig.: Time evolution of the total number of uncorrected errors in the feedback list.

## **Before retransmission** (Last update: 1984, upper cases only)

BIB         15         33         20989001         20989001         33           REFERENCE         (J,JUJ,28,1116,7005)         NAIN REFERENCE.         20989001         3           REFERENCE         (J,JUJ,28,1116,7005)         NAIN REFERENCE.         20989001         5           ATTEOR         (K,RATORI,T,INAGATA,A.UCHIDA,S.KOBATASHI)         20989001         7           TITLE         -NEUTRON DEFOLARIZATION IN ELASTIC SCATTERING         20989001         1           TITLE         -NEUTRON DEFOLARIZATION IN ELASTIC SCATTERING         20989001         1           IAC-SOUNCE         (POLAS) FOLARIZATION IN ELASTIC SCATTERING         20989001         1           IAC-SOUNCE         (POLAS) FOLARIZATION IN ELASTIC SCATTERING         20989001         1           IAC-SOUNCE         (POLAS) FOLARIZATION IN ELASTIC SCATTERING         20989001         1           IAC-SOUNCE         (SCIN I ON ENELSI LIQUID ELIUN FOLARIMETER.         20989001         1           DEFECTOR         (SCIN I ON ENELSI LIQUID SCINFILLATOR TO DEFECT ALENA.         20989001         2           COMMENT         ALL DATA MENE NOMAALIZED TO THE INTEGRATED REAM         20989001         2           STATUS         DATA TAKEN NERAMALIZED TO THE INTEGRATED REAM         20989001         2           STATUS	SUBENT	20989001 840409	209890	01	1
INSTITUTE         (2098103)         20989001         3           REFERENCE         (2098001         4           (C, 7524041050, 338,7039)         20989001         5           AUTHOR         (K, KATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         5           AUTHOR         (K, KATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         5           MERGENER         (K, KATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         15           SAMPLE         (TITHA         (K, KATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         16           SAMPLE         (TITHA         (K, KATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         11           SAMPLE         (TITHA         (K, MATORI, T. MAGATA, A. UCHIDA, S. KOBAYASHI)         20989001         11           SAMPLE         (TITHA         (K, MATORICA, SAMPLESS)         (K, MATORICA, SAMPLESS)         20989001         11           SAMPLESSIN         (TOT F) A TITHE OF LIGHT LIQUID MELIUM POLARIMETER.         20989001         12           OBTECTOR         (SCIN ) ONE FELOS ALQUID SCINTILLATOR TO DETECT ALPHA 20989001         11           RETORT         (K ) ALDHAS.         20989001         20           COMBENT         (L DATA MAREN ROM MAIN REFERENCE.         20989001	BIB	15 33	209890	01	2
REFERENCE         (J, JD, 28, 116, 7005)         MAIN REFERENCE.         20989001         5           AUTHOR         (G, 750KHCG, N, 189, 750)         20989001         5           AUTHOR         (G, 70KHCG, N, 189, 750)         20989001         5           TITLE         -NEUTRON DEPOLARIZATION IN ELASTIC SCATTERING         20989001         7           TITLE         -NEUTRON DEPOLARIZATION IN ELASTIC SCATTERING         20989001         1           REFLE         -TVE CILIDINCIA SAMPLES DE NOM THE CL2 (D, N) REACTION.         20989001         1           INC-SOUNCE         FOUNT THE NET TO THE DUCID ELECTONER. IN C. ALL 20989001         1         20989001         1           ENTROD         FOUNT THE DECIDINE SCONTILLATOR TO DETECT         20989001         1         20989001         1           DETECTOR         (SCIN 1 ONE REC13 LIQUED SCINTILLATOR TO DETECT         20989001         2         20989001         2           COMMENT         ALL DETA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         2         2           COMMENT         ALL DETA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         2           STATUS         DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         2           CORRECTION         DATA WERE NORMALIZED TO THE INTEGRATED BEAM	INSTITUTE	(2JPNISS)	209890	01	3
(C. /SUBNICH., 199, 7009)         20980001         5           AUTHOR         (K.RATORI, T.MAGATA, A. UCHIDA, S. KOBAYASHI)         20980001         7           TITLE	REFERENCE	(J, JPJ, 28, 1116, 7005) MAIN REFERENCE.	209890	01	4
CC, JURADISON, F.33, JUL93         20983001         5           AUTHOR         -NEUTRON DECOLARIZATION IN ELASTIC SCATTERING.         20983001         8           FACILITY         NO INFORMATION GIVEN.         20083001         10           SAMPLE         FIVE CVILNENCAL SAMPLES 5 CM IN DIA, AND 5 CM IN         20983001         10           SAMPLE         FIVE CVILNENCLAL SAMPLES 5 CM IN DIA, AND 5 CM IN         20983001         11           LENGTH WITH A 2.5 CM HOLE AT THE CENTER. NI, CU, AL, 20983001         11         20083001         11           METHOD         CO, BI ALL WITH NATURAL ISOTOFIC COMPOSITIONE.         20983001         11           DETECTOR         SCIN J ONE NE213 LIQUID SCINTILLATOR TO DETECT         20983001         11           PART-DET         NI NUTRONS.         20983001         12           COMMENT         ALL DAVERSE.         20983001         12           RETOR         NI NUTRONS.         20983001         12           COMMENT         ALL DAVERSE.         20983001         12           COMMENT         ALL DAVERSE.         20983001         20983001         20           STATUS         LATER MESTREME ENVERON         20983001         20           COMMENT         ALL DAVERSE.         20983001         20		(C, 75ZURICH, 189, 7508)	209890	01	5
ADIADR (READALL, 1.800-11.0.4.001.0.4.5.000.108.11) 2098001 4 TITLE - BUTTAD ECOLATICATION IN ELASTIC SCATTERING. 2098001 5 FACLLY NO INFORMATION GIVEN. DESCRETE - ENDITAD ECOLATICATION IN ELASTIC SCATTERING. 2098001 1 SAMELE - FENCTH WITH A.2.5 CM HOLE AT THE CENTER. N. CU, NL, 2098001 1 COLO, SI ALL WITH NATULI SCOTEL COMPOSITIONE. 2098001 1 DETECTOR (SCIN ) ONE FLIGHT LIQUID HELIUM POLARIMETER. 2098001 1 EDETECTOR (SCIN ) ONE NEIJA LIQUID SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE NEIJA LIQUID SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE NEIJA LIQUID SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE NEIJA LIQUID SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE NEIJA LIQUID SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE AGLIA SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE AGLIA SCINTILLATOR TO DETECT ALFHA 2098001 1 EDETECTOR (SCIN ) ONE AGLIA SCINTILLATOR TO DETECT ALFHA 2098001 2 COMEMENT . ALL DATA MERE NORMALIZED TO THE INTEGRATED BEAM 2098001 2 COMEMENT . ALL DATA MERE NORMALIZED TO THE INTEGRATED BEAM 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 (GOULDAN) SUMMORY 02 AND 003 DELETED BECAUSE THEY 2098001 2 ENDELS 33 CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 2098001 3 CORRECTION THE CORRECTED ADD TO BE NEGLIGABEL. 2098001 3 ENCATTER CORRECTED ADD TO BE NEGLIGABEL. 2098001 3 ENCATTER CORRECTED ADD TO BE NEGLIGABEL. 2098001 3 ENDELS 33 CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 2098001 3 ENDELS 33 COMMENT C 2098001 2017031 ENC SURCE OF RENORS IN THE DETECTION SYS- 2098001 30 CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 2098001 3 ENCATANIYS THE FORSIDE SUMMORY COULD TO BE NEGLIGABEL. 2098001 3 ENDELS 33 CONTENT C 2098001 201703 ENDITIE SUBLES SUN	AUTIOD	(C, /UMADISON,, 638, /UU9)	209890	01	67
11105         THEOREMON DEFINITION IN A LABORTO SAMPLES.         2.030001         0           NC-SUNCED         POINS PERAFILIDATION IN A LABORTO SAMPLES.         2.030001         0           NC-SUNCED         POINS PERAFILIDATION IN A LABORTO SAMPLES.         2.030001         11           NM-LE         POINS PERAFILIDATION THE CL2(D,N) NEARCTION.         2.030001         11           NM-LE         C.O. BILL WITH NUTURAL ISCOLE COMPOSITIONS.         0.030001         15           DETECTOR         GCIN ON BRE213 LIQUID SCINTILLATOR TO DETECT ALPHA         2.0989001         15           DETECTOR         GCIN ON BRE213 LIQUID SCINTILLATOR TO DETECT ALPHA         2.0989001         17           REFORM         NEUTRONS AND ONE 6810A SCINTILLATOR TO DETECT ALPHA         2.0989001         12           COMMENT         ALL DATA NERE NORMALIZED TO THE INTEGRATED BEAM         2.0989001         12           COMMENT         ALL DATA NERE NORMALIZED TO THE INTEGRATED BEAM         2.0989001         12           (700726)         CON         2.0989001         12         2.0989001         12           (GORDETON         FRAMINE SCORE CONS FROM THE SCLARIZED TO THE NEEDECONSTRO TO SCRATTORING NUMPOLANIZED BEAM SCARTER, NEEDECONSTRO TO SCARTERING         2.0989001         13           (GORDETON         NETRON NUMPOLANIZED BEAM FROM THE SCLARIZETON, OBTINED	AUTHOR	(K.KATORI, T.NAGATA, A.UCHIDA, S.KOBAYASHI)	209890	01 01	/
INC-SOUGCE (FOLMS) POLARIZED NEUTRONS FROM THE CL2(D, N) REACTION. 20989001 11 EAMPLE FIVE CVLINDERIAL SAMPLES 5 CM IN DIA AND 5 CM IN 20989001 12 COMPACT AND ADDRESS TO A DIA AND 5 CM IN 20989001 13 METHOD (FOR ) A TIME OF FLIGHT LIQUID HELIUM POLARIMETER. 20989001 13 DETECTOR (FOR ) A TIME OF FLIGHT LIQUID HELIUM POLARIMETER. 20989001 15 DETECTOR (SCIN) OWE NE213 LIQUID SCINTILLATOR TO DETECT ALPHA 20989001 15 DETECTOR (SCIN) OWE NE213 LIQUID SCINTILLATOR TO DETECT ALPHA 20989001 17 NETTRONS AND ONE GEIOA SCINTILLATOR TO DETECT ALPHA 20989001 19 PART-DET (N ) NEUTRONS. 20989001 20 COMMENT ALL DALFHAS. 20989001 20 STATUS IN THE HELIUM. 20989001 20 STATUS INTER NEW WORE NORMALIZED TO THE INTEGRATED BEAM 20989001 20 (9980701 21 STATUS INTER NEW WORE NORMALIZED TO THE INTEGRATED BEAM 20989001 22 STATUS INTA TAKEN FROM MAIN REFERENCE. 20989001 22 (9091012) (9090712) (9090725) (0, 0) (9090725) (0, 0) (9090725) (0, 0) (9090712) (0, 0) REACTIONS. 20989001 23 (9091001 22 (9091012) (0, 0) REACTIONS. 20989001 23 (9091012) (0, 0) REACTIONS. 20989001 23 (9091012) (0, 0) REACTIONS. 2098901 23 (9091012) (0, 0) REACTIONS. 2098901 20 (9091012) (0, 0) REACTIONS COMPANIESED BEAM FROM THE SAMPLE, 20989001 30 CORRECTION . THE COSTICUTOR FOR SETTING THE FOLARIZATION, OBTINEDD 20989001 33 ERREANALYS. THE FOSSILES SOUNCE OF BERNOS IN THE DETECHING STA- 2098901 33 ERREANALYS. 2098901 2017071 20989 1 1 INSTITUTE (2098103 2017071 20989 1 1 INSTITUTE (209815) (2098901 2017073) 20989 1 1 INSTITUTE (209815) (2098901 2017073) 20989 1 1 INSTITUTE (209815) (2098901 2017073) 20989 1 1 INSTITUTE (209815) 20989 1 1 INSTITUTE (209815) (20989 1 1 INSTITUTE (209815) (2017073) 20989 1 1 INSTITUTE (	FACTLTTY	NO INFORMATION GIVEN	209890	01	G G
SAMELE         FITE CVLINGENCAL SAMPLES 5 CM IN DIA. AND 5 CM IN         20989001         11           LEWGTH WITH A 2.5 CM HOLE AT THE CENTER. N. (0, AL         20989001         13           METHOD         (CO) B I ALL WITH NATURAL ISOTOPIC COMPOSITIONS.         20989001         14           METHOD         (CO) P A TIME OF FLORT LIQUID BELIUM POLARIMETER.         20989001         15           DETECTOR         (SCIN) ON NE233 LIQUID SCINTILLATOR TO DETECT         20989001         16           DETECTOR         (SCIN) ON NE233 LIQUID SCINTILLATOR TO DETECT         20989001         17           RECOILS IN THE HELIUM.         20989001         20         20989001         20           COMMENT         ALL DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         23           STATUS         DATA TAKEN FROM MAIN REFERENCE.         20989001         25           (790726)C CN.         20989001         25         20989001         25           (640106U) A.P.T. JAFAN CODE CHANGED TO JFN         20989001         20         20989001         20           EQUAL TO ZERO IS ESTIMATED TO BE IS PERCENT AT MOST.         20989001         3         20989001         3           CONTRECTION THE ACCORRECTION FOR SETTING THE POLARIZATION, OBTINED 20989001         3         20989001         3           COR	INC-SOURCE	(POLNS) POLARIZED NEUTRONS FROM THE C12(D.N) REACTION.	209890	01	10
LENGTH WITH A 2.5 CM HOLE AT THE CENTER. N., CU, AL, 20989001 13 CO, BI ALL WITH AVIRAL ISTOPHIC COMPOSITIONS. 20989001 14 THIELE SCATTERING EXPERIMENT. 20989001 14 DETECTOR (SCIN ) ONE NE213 LIQUID SCINTILLATOR TO DETECT 20989001 17 NEUTONS AND OME 610A SCINTILLATOR TO DETECT 20989001 17 NEUTONS AND OME 610A SCINTILLATOR TO DETECT ALHA 20989001 17 NEUTONS AND OME 610A SCINTILLATOR TO DETECT ALHA 20989001 18 PART-DET (N ) NEUTRONS. 20989001 20 COMMENT ALL DATA MERE NORMALIZED TO THE INTEGRATED BEAM 20989001 20 CUREENT. DATA TAKEN FROM MAIN REFERENCE. 20989001 20 CUREENT. 20989001 20 CUREENT. 20989001 20 CUREENT. 20989001 20 CUREENT. 20989001 20 CUREENT. 20989001 20 (8001048) SUBBORK 002 AND 003 DELETED BECAUSE THEY 20989001 26 (8001048) SUBBORK 002 AND 003 DELETED BECAUSE THEY 20989001 26 (8001068) A.P.T. JAPAN CODE CHANGED TO JFN 20989001 26 (8401060) A.P.T. JAPAN CODE CHANGED TO JFN 20989001 26 (8401068) CERE TION FOR SETTING THE POLARIZATION, OFTINED 20989001 30 CORRECTION .THE CORRECTION FOR SETTING THE POLARIZATION, OFTINED 20989001 35 ERFER TO CLEOR SE SETING THE POLARIZATION, OFTINED 20989001 35 ERFER TO CLEOR SE SETING THE POLARIZATION, OFTINED 20989001 35 ERFER TO CLEOR SE SUBMED TO DE 15 PERCENT AT MOST. 20989001 35 ERFENCE (J, PJ, 28, 1115, 1970) MAIN REFERENCE. 20989001 36 ALTEM WAS CHECKED AND FOUND TO BE NEGLIGABLE. 20989001 36 ALTEM CONSTRAINED TO BE NEGLIGABLE. 20989001 36 ALTEM WAS CHECKED AND FOUND TO BE NEGLIGABLE. 2098901 36 ALTER VELOCHECKED AND FOUND TO BE NEGLIGABLE. 2098901 36 ALTEM C 20989001 2017031 20989 1 1 BTD 15 33 20989 1 2 INSTITUTE (JUNISS) C., 750URICH, 189, 1975) 20989 1 1 BTD 15 33 20989 1 2 INSTITUTE (JUNISS) C., 750URICH, 189, 1975) 20989 1 1 BTD 15 33 20989 1 2 INSTITUTE (JUNISS) C., 750URICH, 199, 2001 2017031 20989 1 1 INSTITUTE (JUNISS) C., 750URICH, 199, 1904	SAMPLE	FIVE CYLINDRICAL SAMPLES 5 CM IN DIA. AND 5 CM IN	209890	01	11
CO, BI ALL WITH NATURAL ISOTOFIC COMPOSITIONS.         20983001         13           NETHOD         TIME OF FLIGHT LIQUID HELLUM POLARIMETER.         20983001         15           DETECTOR         (SCIN ) ONE NE213 LIQUID SCINTILLATOR TO DETECT         20983001         17           RECOLIS IN THE HELLUM.         20989001         17           RECOLIS IN THE HELLUM.         20989001         19           COMMENT         ALL DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         20           STATUS         DATA TAKEN FEOM MAIN REFERENCE.         20989001         20           (T70012GC)         CURRENT         20989001         20           (B00108A)         SUBKORK 002 AND 003 DELETED BECAUSE THEY         20989001         20           (B00115E)         (B00106A)         SUBKORK 002 AND 003 DELETED BECAUSE THEY         20989001         20           (B00115E)         (B00106A)         SUBKORK 002 AND 003 DELETED BECAUSE THEY         20989001         20           (B00105E)         ALL ALL MERE NORMALIZED EAM FROM THE SAMPLE,         2088001         20           (B00115E)         (B00105E)         2088001         20         2088001         30           CORRECTION FOR SETTING THE POLARIZATION, OBTAINED         20889001         30         2088901         30		LENGTH WITH A 2.5 CM HOLE AT THE CENTER. NI, CU, AL,	209890	01	12
METHOD         (TOF) A TIME OF FLIGHT LIQUID HELLUW FOLARIMETER.         20085001         14           DETECTOR         (SCIN ) ONE NEZIS LIQUID SCINTILLATOR TO DETECT         20085001         15           DETECTOR         (SCIN ) ONE NEZIS LIQUID SCINTILLATOR TO DETECT ALPHA 20085001         15           RET-DET         (N ) MUTRONS.         20085001         20085001         20085001         20085001         20085001         20085001         20           COMMENT         ALL DATA WREE NORMALIZED TO THE INTEGRATED BEAM         20085001         20           CURRENT         DATA TAKEN FROM MAIN REFERENCE.         20085001         20           (190726C) CN.         20085001         20         20085001         20           (190726C) CN.         20085001         20         20085001         20           (190627E)         CORRENT         20085001         20         20085001         20           (201060) A.P.T. JAPAN CODE CHANGED TO JPN         20085001         20         20085001         20           (2401060) A.P.T. JAPAN CODE CHANGED TO JPN         20089001         32         20085001         33           EQUAL TO ZERO IS ESTIMATED TO BE 15 FERCENT AT MOST.         20089001         35         20085001         35           ERCANALNS         CORRECTION SUS-		CO, BI ALL WITH NATURAL ISOTOPIC COMPOSITIONS.	209890	01	13
. TRIPLE SCATTERING EXPERIMENT. 20089001 16 DETECTOR (SCIN ) ONE NE213 LQUUD SCINTILLATOR TO DETECT ALPHA 20089001 17 RECOLLS IN THE HELLUM. 20089001 17 RECOLLS IN THE HELLUM. 20089001 19 COMENT ALLED THE HELLUM. 20089001 20 COMENT ALLEDATA WERE NORMALIZED TO THE INTEGRATED BEAM 20089001 21 COMENT ALLEDATA WERE NORMALIZED TO THE INTEGRATED BEAM 20089001 23 HISTORY (790726C) CN. 20089001 23 (790726C) CN. 20089001 23 (8001043) SUBMORE 02 AND 003 DELETED BECAUSE THEY 20089001 25 (8001043) SUBMORE 02 AND 003 DELETED BECAUSE THEY 20089001 25 (8001045) A.P.T. JAPAN CODE CHANGED TO JPN 20089001 25 (8001050) A.P.T. JAPAN CODE CHANGED TO JPN 20089001 31 BY SCATTERING AN UNFOLARIZED BEAM FROM THE SAMFLE, 20089001 31 BY SCATTERING AN UNFOLARIZED BEAM FROM THE SAMFLE, 20089001 31 BY SCATTERING AN UNFOLARIZED BEAM FROM THE SAMFLE, 20089001 34 ERR-ANALYS .THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS- 20089001 35 ENDBIB 33 2008001 30 ENDETEC 20089001 20170731 20089 1 1 BIE 33 200899 1 3 REFERENCE (J.J.FD.J.2, H.116, 1970) Main reference. 20089 1 1 BIE 15 33 20089 1 1 SINSTITUTE (J2HNISS) (Revised in 2017) SUBENT C 2008901 20170731 20089 1 7 INSTITUTE (J.FTNIS), F3, 1370) 20089 1 7 INC-SOURCE (FDIAS, D-CL) POLARIZED AUCHING, S.KOBAYASH) 20089 1 7 ITLE MAUR COMPOLARIZED FOR IN COLS CASTERING 20089 1 1 SAMPLE .FIVE cylindrical samples 5 cm in dia. and 5 cm in 20089 1 9 INC-SOURCE (FDIAS, D-CL) POLARIZED AUCHING (K.KATOT, T.NAGATA, AUCHIA, S.KOBAYASH) 20089 1 7 INC-SOURCE (FDIAS, D-CL) POLARIZED AUCHING (S.K.MATOT, T.NAGATA, AUCHIA, S.KOBAYASH) 20089 1 11 SAMPLE .FIVE cylindrical samples 5 cm in dia. and 5 cm in 20089 1 10 CONENT (SIN-RESL-FW) - energy spread CON BL ALL with natural isotopic compositions. 20089 1 11 SAMPLE .FIVE cylindrical samples 5 cm in dia. And 5 cm in 20089 1 10 CORRECTION THE CORTECTION SELL BEAM FROM THE C12(d, n) 20089 1 10 CORRECTION TH	METHOD	(TOF ) A TIME OF FLIGHT LIQUID HELIUM POLARIMETER.	209890	01	14
DETECTOR         (SCIN ) ONE NE213 LIQUID SCINTILLATOR TO DETECT         20889001         15           NEUTRONS AND ONE 6810A SCINTILLATOR TO DETECT ALPHA 20889001         16           RAT-DET (N ) NEUTRONS.         20989001         20989001           (A ) ALPHAS.         20989001         20           CURRENT.         20989001         20           CURRENT.         20989001         20           CURRENT.         20989001         20           STATUS		.TRIPLE SCATTERING EXPERIMENT.	209890	01	15
NEUTRONS AND ONE 6810A SCINTILLATOR TO DETECT ALPHA         20883001         17           PART-DET         (N ) NEUTRONS.         20883001         19           (A ) ALEHAS.         20883001         20883001         20           COMMENT         .ALL DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20883001         21           STATUS         .DATA TAKEN FROM MAIN REFERENCE.         20883001         23           (T30022C) Ch.         20883001         25         (800106A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20883001         25           (800115E)         (800106A) SUBWORK 002 AND CODE CHANGED TO JPN         20883001         26           (840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20883001         26           (840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20883001         33           CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20883001         34           THE VARS CHECKED AND FOUND TO BE IN PERCENT AT MOST.         20889001         36           SUBENT C 2089001 2017031         20899         1         1           SUBENT C 2089001 2017031         20989         1         1           BIB         15         33         20989         1         1           BISTITUTE         (J.PJ.28,1116,1970) MAIN REFERENCE.         20989         <	DETECTOR	(SCIN ) ONE NE213 LIQUID SCINTILLATOR TO DETECT	209890	01	16
RECOILS IN THE HELIUM.         20989001         19           PART-DET         (N ) ALUPARS.         20989001         20           CALL DATA MERE NORMALIZED TO THE INTEGRATED BEAM         20989001         21           CURRENT.         20989001         22           CURRENT.         20989001         23           CURRENT.         20989001         23           HISTORY         (790726C) CN.         20989001         25           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         26           (800105D)         20989001         26         20989001         26           (840106D)         A.P.T. JAPAN CODE CHANGED TO JFN         20989001         32           CORRECTION .THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         33         20989001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         36           After retransmission (Revised in 2017)         2098901         36           SUBENT         C 20989001         20         33         20989         1           SUBENT         C 20989001         20         33         20989         1         5           SUBL TOT         C 20989001         30         20989         1 <td></td> <td>NEUTRONS AND ONE 6810A SCINTILLATOR TO DETECT ALPHA</td> <td>209890</td> <td>01</td> <td>17</td>		NEUTRONS AND ONE 6810A SCINTILLATOR TO DETECT ALPHA	209890	01	17
PART-DET         (N         NEUTRONS.         20989001         20           COMMENT         .ALL DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         20           COMMENT         .ALL DATA WERE NORMALIZED TO THE INTEGRATED BEAM         20989001         22           STATUS         .DATA TAKEN FROM MAIN REFERENCE.         20989001         22           STATUS         .DATA TAKEN FROM MAIN REFERENCE.         20989001         22           (700226C) CN.         20989001         20         20989001         26           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         20         20989001         20           (840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20989001         20         20989001         30           CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 2098901         31         20         2098901         33           EQUAL TO ZERO IS ESTIMATED TO DE 15 PERCENT AT MOST.         2098901         35         2098901         35           SUBENT         C 20989001         20170731         20989         1         1           SUBENT         C 20989001         20170731         20989         1         1           BIT         15         33         20989         1		RECOILS IN THE HELIUM.	209890	01	18
(A ) ALPHAS.         20983001         20           COMMENT         20983001         21           CURRENT.         20983001         21           STATUS         DATA TAKEN FROM MAIN REFERENCE.         20983001         23           HISTORY         (7902276C) CN.         20983001         22           (800108A) SUEWORK 002 AND 003 DELETED BECAUSE THEY         20989001         25           (800108A) SUEWORK 002 AND 003 DELETED BECAUSE THEY         20989001         20           (800105)         20989001         20           (8001060)         A.P.T. JAPAN CODE CHANGED TO JFN         20989001         20           (800105)         20989001         20         20989001         20           CORRECTION         THE FOSTELE SOURCE OF ERRORS IN THE DETECTION ST-         20989001         30           ERFANALYS         X116 (ATSTELE SOURCE OF ERRORS IN THE DETECTION ST-         2098901         36           After retransmission (Revised in 2017)         20889         1         2           SUBENT         C 2098901         20170731         20989         1         2           SUBENT         C 2098901         20170731         20989         1         2           INSTITUTE         (2,J,JZJ,28,1116,1970) Main reference. <t< td=""><td>PART-DET</td><td>(N) NEUTRONS.</td><td>209890</td><td>01</td><td>19</td></t<>	PART-DET	(N) NEUTRONS.	209890	01	19
COMMENT         ALL DEALS WORK ALL 2D TO THE INTEGRATED DEAM         2098001         22           STATUS         .DATA TAKEN FROM MAIN REFERENCE.         2098001         22           STATUS         .DATA TAKEN FROM MAIN REFERENCE.         2098001         22           (790226C) CN.         2098001         22           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         26           (R00115E)         20989001         28           (840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20989001         20           (840106E)         20989001         20           (840106E)         20989001         20           (840106E)         CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 2098901         33           CORRECTION THE CORRECTION FOR SETTIME THE DELESTENT AT MOST.         20989001         36           After retransmission (Revised in 2017)         2098901         20         33           SUBENT         C 2098001         20170731         20989         1         1           DNTITUTE (ZJFNISS)         2098901         20         20989         1         20           NUTHOR         K.Katori, T.Nagata, A.Uchida, S.Kobayashi         20989         1         1           NUTHOR         K.Katori, T.Nagata, A.Uchida, S.Kobay	COMMENT	(A ) ALPHAS.	209890	01	20
STATUS         DATA TAKEN FROM MAIN REFERENCE.         2098001         23           HISTORY         (790726)         2098001         23           HISTORY         (790726)         2098001         25           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         2098001         26           REFER TO (D,N)-REACTIONS.         2098001         27           (800160)         A.P.T. JAPAN CODE CHANGED TO JFN         2098001         20           (8401060)         A.P.T. JAPAN CODE CHANGED TO JFN         2098001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         2098001         32           ERR-ANALYS         THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS-         2098001         34           THEW AS CHECKED AND FOUND TO BE NEGLIGABLE.         2098001         32           SUBENT         C         2098001         20           SUBENT         C         2098001         20           SUBENT         C         2098001         20           SUBENT         C         209801         20           INSTITUTE         (209801         20         20           SUBENT         C         209801         20           INSTITUT         (209801         20         2	COMMENT	CUDDENT	209090	01	21
HISTORY         (790726C) CN.         20989001         24           (790827E)         (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         26           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         26           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         26           (800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         28           (800108A) SUBWORK 002 AND COB CHANGED TO JFN         20989001         20989001         30           CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989011         31         BY SCATTERING AN UNPOLARIZED BEAM FROM THE SAMPLE, 20989001         33           ERR-ANALYS         THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS         20989001         35           ENDETB         33         2098901         32           After retransmission         (Revised in 2017)         20989         1         1           BIB         15         33         20989         1         2           NOTITUE         (2JPN128,1116,1970)         Main reference.         2098901         38           REFERENCE         (J, CFJZ,2R,1116,1970)         20989         1         7           NUTHOR         (K. Katori, T. Nagata, A. Uchida, S. Kobayashi)	STATUS	DATA TAKEN FROM MAIN REFERENCE	209890	01	23
(790827E)         2098001         25           (800106A) SUBWORK 002 AND 003 DELETED BECAUSE THEY         20989001         25           (800115E)         20989001         27           (800115E)         20989001         27           (800106D)         A.P.T. JAPAN COE CHANGED TO JPN         20989001         29           (840106E)         20989001         20         20989001         31           EQUAL TO ZERCTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         32         20989001         32           EQUAL TO ZERC 15 ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         34           THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS-         20989001         36           After retransmission (Revised in 2017)         20989         1         1           SUBENT C         20989001         20170731         20989         1         2           INTITUTE         (2,J.PJ.2,8,1116,1970) Main reference.         20989         1         5           G(C, 70MADISON, 638,1970)         20989         1         7         7           NUTHOR         (K.Ratori, T.Nagata, A.Uchida, S.Kobayashi)         20989         1         7           MUTHOR         (K.Ratori, T.Nagata, A.Uchida, S.Kobayashi)         20989         1         7	HISTORY	(790726C) CN.	209890	01	2.4
(00108A) SUBMORK 002 AND 003 DELETED BECAUSE THEY         20989001         22           REFER TO (D,N)-REACTIONS.         20989001         28           (800115E)         20989001         28           (840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20989001         20           CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         33           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         33           ERR-ANALYS         THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS         20989001         36           After retransmission (Revised in 2017)         SUBENT         20989001         20           SUBENT         C         20989001         20         1         1           INSTITUTE         (2,JPI32)         20989         1         1         1           SUBENT         C         20989001         20         1         1           INSTITUTE         (2,JPI32)         20989         1         2         1         1           SUBENT         C         20989001         20         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1		(790827E)	209890	01	25
REFER TO (D, N)-REACTIONS.         20989001         27           (800115E)         20989001         28           (840106U)         A.P.T. JAPAN CODE CHANGED TO JPN         20989001         30           CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED         20989001         30           CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED         20989001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         34           TEM WAS CHECKED AND FOUND TO BE NEGLIGABLE.         20989001         35           ENDBIB         33         20989         1         1           SUBENT         C         2098001         20170731         20989         1         2           INSTITUTE         (J.JPJ, 28, 1116, 1970)         Main reference.         20989         1         3           REFERENCE         (J.JPJ, 28, 1116, 1970)         Main reference.         20989         1         7           INSTITUTE         (ZJPHISS)         20989, 1         2         7         7           REFERENCE         (J.JPJ, 28, 1116, 1970)         Main reference.         20989         1         7           TITLE         Ne information given.         20989         1		(800108A) SUBWORK 002 AND 003 DELETED BECAUSE THEY	209890	01	26
(80115E)         20989001         28           (840106E)         20989001         30           CORRECTION         CHE CORRECTION FOR SETTING THE POLARIZATION, OBTING 20989001         31           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         33           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         34           ERN-NALYS. THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS-         20989001         35           ENDBIB         33         2098901         1           SUBENT         C         20989001         20170731         20989         1         1           BIB         15         33         20989         1         2         1           SUBENT         C         20989001         20170731         20989         1         4           C, 752URICH, 748, 91970)         20989         1         4         2         20989         1         4           NC, 752URICH, 748, 91970)         20989         1         7         1         1         1           NO information given.         20989         1         7         1         1         1         1         1         1         1         1         1         1		REFER TO (D,N)-REACTIONS.	209890	01	27
(840106U) A.P.T. JAPAN CODE CHANGED TO JPN         20989001         29           (840106C)         2098901         30           CORRECTION .THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         31           BY SCATTERING AN UNPOLARIZED ERAM FROM THE SAMPLE, 20989001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST. 20989001         34           TEM WAS CHECKED AND FOUND TO BE NEGLIGABLE.         20989001         36           After retransmission         (Revised in 2017)         2098901         1           SUBENT C         2098901         2017         2098901         1           SUBENT C         2098901         2017         2098901         1         1           SUBENT C         2098901         20170731         20989         1         3           REFERENCE         (J, JFJ, 28, 1116, 1970)         Main reference.         20989         1         3           REFERENCE         (J, JFJ, 28, 1116, 1970)         Main reference.         20989         1         7           MUTHOR         (K.Katori, T.Nagata, A. Uchida, S. Kobayashi)         20989         1         7           NO information given.         20989         1         10         10         10           NO information given.         20		(800115E)	209890	01	28
(840106E)         20989001         30           CORRECTION THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         33           ERR-ANALYS         THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS-         20989001         35           ENDBID         33         2098901         31           After retransmission (Revised in 2017)         2098901         2098901         21           SUBENT         C         2098901         20170731         20989         1         1           BIB         15         33         20989         1         3           REFERNCE (J, JEJ, 28, 1116, 1970) Main reference.         20989         1         4           (C, 752URCHCH, 189, 1975)         20989         1         6           NUTHC         No information given.         20989         1         8           FACILITY         No information given.         20989         1         9           NC-SOURCE (POLNS, PC12) Polarized neutrons from the C12(d,n)         20989         1         11           INC-SOURCE (POLNS, PC12) Polarized neutrons from the C12(d,n)         20989         1         15           SAMFLE         .Five cylindrical samples 5 cm in di		(840106U) A.P.T. JAPAN CODE CHANGED TO JPN	209890	01	29
CORRECTION         THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED 20989001         32           EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.         20989001         33           ERR-ANALYS         .THE POSSIBLE SOURCE OF ERRORS IN THE DETECTION SYS-         20989001         35           ENDEIB         33         20989001         35           SUBENT         C 20989001         20170731         2098901         2           BIB         15         33         20989         1         3           REFERENCE         (J, JEY, 28, 1116, 1970)         Main reference.         20989         1         3           REFERENCE         (J, JEY, 28, 1116, 1970)         Main reference.         20989         1         7           REFERENCE         (J, JEY, 28, 1116, 1970)         Main reference.         20989         1         7           REFERENCE         (J, JEY, 28, 1116, 1970)         Main reference.         20989         1         7           NUNCONDISCON, 638, 1970)         20989         1         0         10         10           NO         information given.         20989         1         0         10           NO         information given.         20989         1         11           SCAP		(840106E)	209890	01	30
BY SCATTERING AN UNFOLARIZED BRAM FROM THE SAMPLE, 20989001         20989001         33           EQUAL TO ZERO IS ESTIMATED TO BE IS PERCENT AT MOST, 20989001         34           TEM WAS CHECKED AND FOUND TO BE NEGLIGABLE.         20989001         35           ENDBIB         33         2098901         36           After retransmission         (Revised in 2017)         20989         1           SUBENT         C         2098901         20170731         20989         1           SUBENT         C         2098901         20170731         20989         1         3           REFERENCE         (J, JFJ, Z8, 1116, 1970)         Main reference.         20989         1         5           (C, 75URICH,, 189, 1975)         20989         1         5         (C, 70MADISON, 638, 1970)         20989         1         7           AUTHOR         (K.Katori, T.Nagata, A.Uchida, S.Kobayashi)         20989         1         10           INC-SOURCE         (POLNS, D-C12) Polarized neutrons from the C12(d, n)         20989         1         10           INC-SOURCE         (POLNS, D-C12) Polarized neutrons from the C12(d, n)         20989         1         13           CO, Bi all with natural isotopic compositions.         20989         1         13	CORRECTION	.THE CORRECTION FOR SETTING THE POLARIZATION, OBTAINED	209890	01	31
EQUAL TO ZERO IS ESTIMATED TO BE IS PERCENT AT MOST.         20989001         34           TEM WAS CHECKED AND FOUND TO BE NEGLIGABLE.         20989001         36           After retransmission (Revised in 2017)         2098901         36           SUBENT C         20989001         20170731         20989         1         1           BIB         15         33         20989         1         2           INSTITUTE         (2,7)F2,28,1116,1970)         Main reference.         20989         1         3           REFERENCE         (J,JFJ,28,1116,1970)         Main reference.         20989         1         5           (C,75ZURICH,,189,1975)         20989         1         6         20989         1         7           AUTHOR         (K.Katori,T.Nagata,A.Uchida,S.Kobayashi)         20989         1         9         10           No-SPECT         ENVENTWO depolarization in elastic scattering         20989         1         1           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         1           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         15           CS. Bi all with natural isotopic compositions.         20989         1         16<		BY SCATTERING AN UNPOLARIZED BEAM FROM THE SAMPLE,	209890	01	32
ERR-RARLIS         INTE POSSIBLE SOURCE OF ERRORS IN THE DEFICTION SIS-         20989001         35           TEW MSS CHECKED AND FOUND TO BE NEGLIGABLE.         20989001         36           After retransmission (Revised in 2017)         2088001         36           SUBENT         C 20989001         20170731         20889         1         1           SUBENT         C 2098901         20170731         20989         1         2           INSTITUTE         (2,JFNISS)         20989         1         3         20989         1         3           REFERENCE         (J.,FJ2,28,1116,1970)         Main reference.         20989         1         5           (C, 75ZURICH,,189,1975)         20989         1         5         20989         1         7           AUTHOR         (K.Katori, T.Nagata,A.Uchida,S.Kobayashi)         20989         1         10           INC-SOURCE         (POLNS,D-C12) Polarized neutrons from the C12(d,n)         20989         1         10           INC-SOURCE         (FUNS,D-C12) Polarized neutrons from the C12(d,n)         20989         1         12           Inc-source         (Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         12           SAMPLE         .Five cylindrical sample	DDD ANATVO	EQUAL TO ZERO IS ESTIMATED TO BE 15 PERCENT AT MOST.	209890	01	33
ENDRIG         33         2098001         36           After retransmission         (Revised in 2017)         2098001         36           SUBENT         C         2098001         20170731         20989         1         1           BIB         15         33         20989         1         2           INSTITUTE         (2JPNISS)         20989         1         4           REFERENCE         (J,JPJ,28,1116,1970)         Main reference.         20989         1         6           AUTHOR         (K.Katori, T.Nagata, A.Uchida, S.Kobayashi)         20989         1         6           AUTHOR         (K.Katori, T.Nagata, A.Uchida, S.Kobayashi)         20989         1         9           INC-SPECT         (EN-RSL-FW) - energy spread         20989         1         1           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         12           Length with a 2.5 cm hole at the center. Ni, Cu, Al, 20989         1         15         .Triple scattering experiment.         20989         1         15           CORECTOR         (SCIN) One NE213         iquid scintillator to detect         20989         1         18           recols in the helium.         20989         1 </td <td>EKK-ANALIS</td> <td>TEM WAS CHECKED AND FOUND TO BE NECLICABLE</td> <td>209090</td> <td>01</td> <td>24</td>	EKK-ANALIS	TEM WAS CHECKED AND FOUND TO BE NECLICABLE	209090	01	24
After retransmission         (Revised in 2017)           SUBENT         C         2098901         20170731         20989         1         1           BIB         15         33         20989         1         2           INSTITUTE         (2JFNISS)         20989         1         3           REFERENCE         (J, JPJ, 28, 1116, 1970)         Main reference.         20989         1         4           (C, 75ZURICH, 189, 1975)         20989         1         7         7         20989         1         7           AUTHOR         (K.Katori, T. Nagata, A. Uchida, S. Kobayashi)         20989         1         7           No information given.         20989         1         9         11         20989         1         9           INC-SOURCE         (POLNS, D-C12)         Polarized neutrons from the C12(d, n)         20989         1         12           Length with a 2.5         cm hole at the center. Ni, Cu, Al, 20989         1         12           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         15           .Triple scattering experiment.         20989         1         15         .         .         16         .           DETE	ENDBIB	33	209890	01	36
SUBENT         C         20989001         20170731         20989         1         1           BIB         15         33         20989         1         2           INSTITUTE         (JJPNISS)         20989         1         3           REFERENCE         (J,JPL,28,1116,1970)         20989         1         3           AUTHOR         (K.Katori,T.Nagata,A.Uchida,S.Kobayashi)         20989         1         6           AUTHOR         (K.Katori,T.Nagata,A.Uchida,S.Kobayashi)         20989         1         6           INC-SOURCE         (POINS,D-C12)         Polarization in elastic scattering         20989         1         9           INC-SOURCE         (FOINS,D-C12)         Polarization second s	A ftor rotr	ansmission (Dovised in 2017)			
SUBENT         C         2096901         2017/01         201601         1           BIB         15         33         20989         1         2           INSTITUTE         (JJPJ,28,1116,1970) Main reference.         20989         1         3           REFERNCE         (J,JPJ,28,1116,1970) Main reference.         20989         1         5           (C,75ZURICH,,189,1975)         20989         1         6           AUTHOR         (K.Katori,T.Nagata,A.Uchida,S.Kobayashi)         20989         1         6           FACILIFY         No information given.         20989         1         7           TITLE         Neutron depolarization in elastic scattering         20989         1         10           INC-SDURCE         (POLNS, D-C12)         Polarized neutrons from the C12(d,n)         20989         1         11           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         12           Longth with a 2.5 cm hole at the center. Ni, Cu, Al, 20989         1         13           Co, Bi all with natural isotopic compositions.         20989         1         16           DETECTOR         (SCIN) One NE213 liquid scintillator to detect         20989         1         16	AILEI IEII	$\frac{ansinission}{20000001} (Revised in 2017)$	20000	1	1
INSTITUTE         (2) FNISS         (2) FNISS <t< td=""><td>SUBENI (</td><td>15 33</td><td>20909</td><td>⊥ 1</td><td>2</td></t<>	SUBENI (	15 33	20909	⊥ 1	2
REFERENCE       (J, JPJ, 28, 1116, 1970) Main reference.       20089 1       4         (C, 75ZURICH, 189, 1975)       20989 1       5         (C, 70MADISON, 638, 1970)       20989 1       6         AUTHOR       (K.Katori, T.Nagata, A.Uchida, S.Kobayashi)       20989 1       8         FACILITY       Neutron depolarization in elastic scattering       20989 1       9         INC-SOURCE       (POLNS, D-Cl2) Polarized neutrons from the Cl2(d, n)       20989 1       10         INC-SOURCE       (POLNS, D-Cl2) Polarized neutrons from the Cl2(d, n)       20989 1       11         SAMPLE       .Five cylindrical samples 5 cm in dia. and 5 cm in       20989 1       13         Co, Bi all with natural isotopic compositions.       20989 1       15         .Triple scattering experiment.       20989 1       17         DETECTOR       (SCIN) One NE213 liquid scintillator to detect       20989 1       17         neutrons and one 6810A scintillator to detect alpha       20989 1       18         recoils in the helium.       20989 1       20         COMMENT       .All data were normalized to the integrated beam       20989 1       21         .Current.       20989 1       22       22       2089 1       23         CORRECTION       .All hata were normali	INSTITUTE	(2.TPNTSS)	20989	1	3
(C, 75ZURICH, 189, 1975)         20989         1         5           (C, 75ZURICH, 189, 1975)         20989         1         6           (C, 70MADISON, 638, 1970)         20989         1         6           AUTHOR         (K.Katori, T.Nagata, A. Uchida, S. Kobayashi)         20989         1           TITLE         Neutron depolarization in elastic scattering         20989         1           FACILITY         No information given.         20989         1         0           INC-SOURCE         (POLNS, D-C12)         Polarized neutrons from the C12(d, n)         20989         1         10           INC-SPECT         (EN-RSL-FW) - energy spread         20989         1         12           Inc.SPECT         (EN-RSL-FW) - energy spread         20989         1         12           SAMPLE         .Five cylindrical samples 5 cm in dia. and 5 cm in         20989         1         12           .Co. Bi all with natural isotopic compositions.         20989         1         15          Triple scattering experiment.         20989         1         17           neutrons and one 6810A scintillator to detect alpha         20989         1         20           COMMENT         All data were normalized to the integrated beam         20989         1 </td <td>REFERENCE</td> <td>(J,JPJ,28,1116,1970) Main reference.</td> <td>20989</td> <td>1</td> <td>4</td>	REFERENCE	(J,JPJ,28,1116,1970) Main reference.	20989	1	4
(C, 70MADISON, 638, 1970)         20989         1         6           AUTHOR         (K.Katori, T.Nagata, A. Uchida, S. Kobayashi)         20989         1         7           TITLE         Neutron depolarization in elastic scattering         20989         1         8           FACILITY         No information given.         20989         1         9           INC-SOURCE         (POLNS, D-Cl2)         Polarized neutrons from the Cl2(d,n)         20989         1         10           INC-SPECT         (EN-RSL-FW) - energy spread         20989         1         12           SAMPLE         - Five cylindrical samples 5 cm in dia. and 5 cm in 20989         1         13           Co, Bi all with natural isotopic compositions.         20989         1         15           .Triple scattering experiment.         20989         1         16           DETECTOR         (SCIN) One NE213 liquid scintillator to detect         20989         1         17           neutrons and one 6810A scintillator to detect         20989         1         19           PART-DET         (A) Alphas.         20989         20         20           CORMECTION         .All data were normalized to the integrated beam cotained 20989         23         23         29         24      <		(C, 75ZURICH, ,189,1975)	20989	1	5
AUTHOR(K.Katori,T.Nagata,A.Uchida,S.Kobayashi)2098917TITLENeutron depolarization in elastic scattering2098918FACILITYNo information given.2098919INC-SOURCE(FOLNS,D-C12)Polarized neutrons from the C12(d,n)20989111SAMPLE.Five cylindrical samples 5 cm in dia. and 5 cm in20989112length with a 2.5 cm hole at the center. Ni, Cu, Al,20989113Co, Bi all with natural isotopic compositions.20989115.Triple scattering experiment.20989116DETECTOR(SCIN) One NE213 liquid scintillator to detect209891PART-DET(A) Alphas.20989120COMMENT.All data were normalized to the integrated beam20989120current.20989122202020CORRECTION.The correction for setting the polarization, obtained 20989123by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.209891HISTORY(1970726C) CN. (19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.20989130(19840106U) A.P.T. Japan code changed to JPN (20170731A) SD:Updated to new date formats,lower case.20989131(20170731A) SD:Updated to new date formats,lower case.20989133030Meaningless zeros were deleted from the data. EN-RSL corrected (0		(C,70MADISON,,638,1970)	20989	1	6
TITLENeutron depolarization in elastic scattering2098918FACILITY.No information given.2098919INC-SOURCE(FOLNS,D-C12) Polarized neutrons from the C12(d,n)20989111SAMPLE.Five cylindrical samples 5 cm in dia. and 5 cm in20989112length with a 2.5 cm hole at the center. Ni, Cu, Al,20989114METHOD(TOF) A time of flight liquid helium polarimeter.20989115.Triple scattering experiment.20989116DETECTOR(SCIN) One NE213 liquid scintillator to detect alpha20989119PART-DET(A) Alphas.20989120COMMENT.All data were normalized to the integrated beam20989122CORRECTION.The correction for setting the polarization, obtained 20989122ERR-ANALYS(DATA-ERR) The possible source of errors in the20989122(19780726C) CN.20989128(19800108A) Subents 002 and 003 deleted because they20989128(19800108A) Subgrade to new date formats, lower case.20989131(20170731A) SD:Updated to new date formats, lower case.20989133ENDSUBENT40020989136	AUTHOR	(K.Katori,T.Nagata,A.Uchida,S.Kobayashi)	20989	1	7
FACLITY       .No information given.       20989       1       9         INC-SOURCE       (POLNS, D-C12) Polarized neutrons from the C12(d,n)       20989       1       11         SAMPLE       .Five cylindrical samples 5 cm in dia. and 5 cm in       20989       1       12         length with a 2.5 cm hole at the center. Ni, Cu, Al,       20989       1       13         Co, Bi all with natural isotopic compositions.       20989       1       15         .Triple scattering experiment.       20989       1       16         DETECTOR       (SCIN) One NE213 liquid scintillator to detect alpha recoils in the helium.       20989       1       18         recoils in the helium.       20989       1       20       20       20         COMMENT       .All data were normalized to the integrated beam records and unpolarized beam from the sample, 20989       1       20         CORRECTION       .The correction for setting the polarization, obtained 20989       1       20         CORRECTION       .The possible source of errors in the aliguele2089       1       20         UP 10726C) CN.       20989       1       20         CORRECTION ONA) Subents 002 and 003 deleted because they 20989       1       20         I detection system was checked and found to be negligable2089	TITLE	Neutron depolarization in elastic scattering	20989	1	8
$\begin{array}{llllllllllllllllllllllllllllllllllll$	FACILITY	.No information given.	20989	1	9
<pre>INC-SPECT (EN-RSL-FW) - energy spread 20989 1 11 SAMPLE .Five cylindrical samples 5 cm in dia. and 5 cm in 20989 1 12 length with a 2.5 cm hole at the center. Ni, Cu, Al, 20989 1 13 Co, Bi all with natural isotopic compositions. 20989 1 14 METHOD (TOF) A time of flight liquid helium polarimeter. 20989 1 15 .Triple scattering experiment. 20989 1 16 DETECTOR (SCIN) One NE213 liquid scintillator to detect alpha 20989 1 17 neutrons and one 6810A scintillator to detect alpha 20989 1 19 PART-DET (A) Alphas. 20989 1 20 COMMENT .All data were normalized to the integrated beam 20989 1 22 CORRECTION .The correction for setting the polarization, obtained 20989 1 23 by scattering an unpolarized beam from the sample, 20989 1 24 equal to zero is estimated to be 15 percent at most. 20989 1 25 ERR-ANALYS (DATA-ERR) The possible source of errors in the 20989 1 27 HISTORY (19790726C) CN. 2098 1 29 refer to (d, n)-reactions. 2098 1 30 (20170731A) SD:Updated to new date formats,lower case. 2098 1 31 (20170731A) SD:Updated to new date formats,lower case. 2098 1 32 REACTION code and data corrected in Subents 004-009. 2098 1 31 (20170731A) SD:Updated to new date formats,lower case. 2098 1 32 REACTION code and data corrected in Subents 004-009. 2098 1 34 EN-RSL corrected (0.02 -&gt; 0.3 MeV). EN-RSL -&gt; EN-RSL-FW2098 1 36 ENDSUBENT 40 0 2098 1 20989 1 </pre>	INC-SOURCE	(POLNS, D-C12) Polarized neutrons from the C12(d, n)	20989	1	10
SAMPLE.Five cylindrical samples 5 cm in dia. and 5 cm in20989112length with a 2.5 cm hole at the center. Ni, Cu, Al, 20989113Co, Bi all with natural isotopic compositions.209891METHOD(TOF) A time of flight liquid helium polarimeter.209891DETECTOR(SCIN) One NE213 liquid scintillator to detect209891DETECTOR(SCIN) One NE213 liquid scintillator to detect209891neutrons and one 6810A scintillator to detect alpha20989119PART-DET(A) Alphas.20989120COMMENTAll data were normalized to the integrated beam20989121current.20989122CORRECTIONThe correction for setting the polarization, obtained20989123by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.20989126detection system was checked and found to be negligable20989127HISTORY(19790726C) CN.20889128(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.20989130(20170731A) SD:Updated to new date formats, lower case.20989133Meaningless zeros were deleted from the data.20989134ENDEUBENT40020989136	INC-SPECT	(EN-RSL-FW) - energy spread	20989	1	11
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(19840106U) A.P.T. Japan code changed to JPN       20989       1       31         (20170731A) SD:Updated to new date formats, lower case.       20989       1       32         REACTION code and data corrected in Subents 004-009.       20989       1       33         Meaningless zeros were deleted from the data.       20989       1       34         EN-RSL corrected (0.02 -> 0.3 MeV). EN-RSL -> EN-RSL-FW20989       1       35         ENDBIB       33       0       20989       1       36         ENDSUBENT       40       0       20989       1       99999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29
(20170731A) SD:Updated to new date formats, lower case. 20989       1       32         REACTION code and data corrected in Subents 004-009.       20989       1       33         Meaningless zeros were deleted from the data.       20989       1       34         EN-RSL corrected (0.02 -> 0.3 MeV).       EN-RSL -> EN-RSL-FW20989       1       35         ENDBIB       33       0       20989       1       36         ENDSUBENT       40       0       20989       199999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30
REACTION code and data corrected in Subents 004-009.         20989         1         33           Meaningless zeros were deleted from the data.         20989         1         34           EN-RSL corrected (0.02 -> 0.3 MeV).         EN-RSL -> EN-RSL-FW20989         1         35           ENDBIB         33         0         20989         1         36           ENDSUBENT         40         0         20989         199999         199999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.</li> <li>(19840106U) A.P.T. Japan code changed to JPN</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30 31
Meaningless zeros were deleted from the data.         20989         1         34           EN-RSL corrected (0.02 -> 0.3 MeV).         EN-RSL -> EN-RSL-FW20989         1         35           ENDBIB         33         0         20989         1         36           ENDSUBENT         40         0         20989         199999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.</li> <li>(19840106U) A.P.T. Japan code changed to JPN</li> <li>(20170731A) SD:Updated to new date formats, lower case.</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30 31 32
EN-RSL corrected (0.02 -> 0.3 MeV). EN-RSL -> EN-RSL-FW20989 1 35           ENDBIB         33         0         20989 1 36           ENDSUBENT         40         0         20989 19999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.</li> <li>(19840106U) A.P.T. Japan code changed to JPN (20170731A) SD:Updated to new date formats, lower case.</li> <li>REACTION code and data corrected in Subents 004-009.</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30 31 32 32
ENDSUBENT 40 0 20989 199999	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<ul> <li>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium.</li> <li>(A) Alphas.</li> <li>All data were normalized to the integrated beam current.</li> <li>The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most.</li> <li>(DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN.</li> <li>(19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions.</li> <li>(19840106U) A.P.T. Japan code changed to JPN (20170731A) SD:Updated to new date formats, lower case.</li> <li>REACTION code and data corrected in Subents 004-009.</li> <li>Meaningless zeros were deleted from the data.</li> </ul>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 25
	PART-DET COMMENT CORRECTION ERR-ANALYS HISTORY	<pre>(SCIN) One NE213 liquid scintillator to detect neutrons and one 6810A scintillator to detect alpha recoils in the helium. (A) Alphas. .All data were normalized to the integrated beam current. .The correction for setting the polarization, obtained by scattering an unpolarized beam from the sample, equal to zero is estimated to be 15 percent at most. (DATA-ERR) The possible source of errors in the detection system was checked and found to be negligable (19790726C) CN. (19800108A) Subents 002 and 003 deleted because they refer to (d,n)-reactions. (19840106U) A.P.T. Japan code changed to JPN (20170731A) SD:Updated to new date formats,lower case. REACTION code and data corrected in Subents 004-009. Meaningless zeros were deleted from the data. EN-RSL corrected (0.02 -&gt; 0.3 MeV). EN-RSL -&gt; EN-RSL-FW 33 0</pre>	20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989 20989	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36