

SAMPLE ENTRY PRESENTED BY DR. OHNUMA

\*) Note: This has not initially been distributed as a formal  
CP-Memo but was referred to elsewhere under this code.

TRANS	Z001	751119				Z000000000000
ENTRY	Z0001	751119				Z000100000001
SUBENT	Z0001001	751119				Z000100100001
BIB	12	17				Z000100100002
TITLE	(P,D) REACTION AT 52 MEV. I.58NI(P,D)57NI(EXPERIMENTAL)					Z000100100003
AUTHOR	(H.OHNUMA,T.SUEHIRO,M.SEKIGUCHI,S.YAMADA)					Z000100100004
INSTITUTE	(ZJAPINS)					Z000100100005
REFERENCE	(J,JPJ,36,1236,7405)					Z000100100006
FACILITY	1(SYNCYC,ZJAPINS)					Z000100100007
COMMENT	1EN=51.93 MEV, EN-RSL=40 KEV, AVERAGE BEAM 40NA, BEAM SPOT 3MM*5.5MM					Z000100100008
REACTION	(28-NI-58(P,D)28-NI-57,PD,DA,D,,EXP)					Z000100100009
DETECTOR	2(MAGSP,PROPC,SCIN)					Z000100100010
COMMENT	2PROPC IN FOCAL PLANE OF MAGSP GATED BY SCIN RESOLUTION=70 KEV, SOLID ANGLE=1.8 MSR					Z000100100011
SAMPLE	99.8 PER CENT NI-58 SELF SUPPORT 2.7 MG/CM**2					Z000100100012
ERR-ANALYS	RELATIVE ERR=STATISTICAL/BG SUBTRACTION/PEAK SEPARATION					Z000100100013
	ABS ERR= 20 PER CENT					Z000100100014
HISTORY	(751119C)					Z000100100015
ENDBIB	17					Z000100100016
						Z000100100017
						Z000100100018
						Z000100100019
NOCOMMON						Z000100100020
ENDSUBENT	18					Z000100199999
SUBENT	Z0001002	751119				Z000100200001
NOBIB						Z000100200002
COMMON		8	6			Z000100200003
EN	EN-RSL	E-LVL	1E-LVL	4E-LVL	5E-LVL	6Z000100200004
E-LVL	7E-LVL	8				Z000100200005
MEV	KEV	MEV	MEV	MEV	MEV	Z000100200006
MEV	MEV					Z000100200007
51.93	40.	0.00	0.76	1.10	2.56	Z000100200008
5.59	6.02					Z000100200009
ENDCOMMON		6				Z000100200010
DATA		13	3			Z000100200011
ANG-CM	DATA-CM	3DATA-ERR	3DATA-CM	4DATA-ERR	4DATA-CM	5Z000100200012
DATA-ERR	5DATA-CM	6DATA-ERR	6DATA-CM	7DATA-ERR	7DATA-CM	8Z000100200013
DATA-ERR	8					Z000100200014
ADEG	MB/SR	MB/SR	MB/SR	MB/SR	MB/SR	Z000100200015
MB/SR	MB/SR	MB/SR	MB/SR	MB/SR	MB/SR	Z000100200016
MB/SR						Z000100200017
6.0	5.37	0.06	1.06	0.02	1.04	Z000100200018
0.02	3.43	0.04	2.46	0.04	0.69	Z000100200019
0.02						Z000100200020
8.0	4.94	0.05	1.00	0.02	0.95	Z000100200021
0.02	2.86	0.04	1.16	0.03	0.67	Z000100200022
0.02						Z000100200023
10.6	3.85	0.05	0.92	0.02	0.73	Z000100200024
0.02	2.57	0.04	0.51	0.02	0.64	Z000100200025
0.02						Z000100200026
ENDDATA		15				Z000100200027
ENDSUBENT	26					Z000100299999
ENDENTRY	2					Z000199999999



ENTRY	Z0003	760206		Z000300000001
SUBENT	Z0003001	760206		Z000300100001
BIB	10	18		Z000300100002
TITLE	(P,D) REACTIONS INDUCED BY A POLARIZED PROTON BEAM			Z000300100003
AUTHOR	(B.MAYER,J.GOSSET,J.L.ESCUDEF,H.KAMITSURO)			Z000300100004
INSTITUTE	(2FR SAC,ZJAPIPC)			Z000300100005
REFERENCE	(R,JPCR-CYCLOTRON-REPORT-12,7106)			Z000300100006
FACILITY	1(ISOCCY)			Z000300100007
COMMENT	1EN=16.6-24.5 MEV, BEAM POLARIZATION NORMALLY ABOUT 80 PER CENT, BEAM POL MONITORED BY CARBON POLARIMETER, AVERAGE BEAM 5 N-AMP, FOR FURTHER DETAILS OF EXP SEE PHYS. REV. 184(1969) 1217.			Z000300100008
DETECTOR	2(SOLST,TELES)			Z000300100009
COMMENT	2SIXTEEN DE-E TELESCOPES OF SI-DETECTORS SOLID ANGLE 1.1 MSR, ANG RESOL 0.6 DEG OVERALL ENERGY RESOLUTION 80 TO 150 KEV			Z000300100010
ERR-ANALYS	PURELY STATISTICAL. ERRORS IN ABS CROSS SECTIONS ESTIMATED TO BE 10 PER CENT, ARISING PRIMARILY FROM DIFFERENCES IN SOLID ANGLES AND DETECTOR EFFICIENCIES AND NOT AFFECTING ASYM.			Z000300100011
HISTORY	(760206C)			Z000300100012
ENDBIB	18			Z000300100013
NOCOMMON				Z000300100014
ENDSUBENT	21			Z000300100015
SUBENT	Z0003002	760206		Z000300100016
BIB	2	2		Z000300100017
REACTION	(28-NI-58(P,D)28-NI-58,PD,ASY,D,,EXP)			Z000300100018
SAMPLE	99.95 PER CENT NI-58 SELF SUPPORT 0.8 MG/CM**2			Z000300100019
ENDBIB	2			Z000300100020
COMMON		5	3	Z000300200002
EN	E-LVL	3E-LVL	4E-LVL	5E-LVL
MEV	MEV	MEV	MEV	MEV
24.5	0.0	0.78	1.12	2.59
ENDCOMMON		3		
DATA		9	3	
ANG-CM	DATA-CM	3DATA-ERR	3DATA-CM	4DATA-ERR
DATA-ERR	5DATA-CM	6DATA-ERR	6	4DATA-CM
ADEG	NO-DIM	NO-DIM	NO-DIM	NO-DIM
NO-DIM	NO-DIM	NO-DIM		
16.6	0.11	0.01		-0.19
0.01	-0.13	0.01		
20.2	0.14	0.01	0.17	0.03
0.02	-0.06	0.01		-0.20
22.6	0.22	0.01	0.01	0.03
0.03	0.0	0.01		-0.10
ENDDATA		10		
ENDSUBENT	21			
SUBENT	Z0003003	760206		Z000300200006
BIB	2	2		Z000300200007
REACTION	(28-NI-61(P,D)28-NI-60,PD,ASY,D,,EXP)			Z000300200008
SAMPLE	79.2 PER CENT NI-61 SELF SUPPORT 4.0 MG/CM**2			Z000300200009
ENDBIB	2			Z000300200010
COMMON		3	3	Z000300200011
EN	E-LVL	7E-LVL	8	
MEV	MEV	MEV		
16.6	1.33	2.16		
ENDCOMMON		3		
DATA		5	7	
ANG-CM	DATA-CM	7DATA-ERR	7DATA-CM	8DATA-ERR
ADEG	NO-DIM	NO-DIM	NO-DIM	NO-DIM
15.0	0.06	0.02	0.01	0.04
20.7	0.07	0.02	-0.08	0.04
25.3	0.03	0.02	-0.06	0.04
110.5	-0.05	0.07	-0.12	0.10
115.5	-0.12	0.08		
119.8	-0.28	0.08		
125.7	-0.31	0.09		
ENDDATA		9		
ENDSUBENT	20			
ENDENTRY	2			

ENTRY	Z0004	760206		Z000400000001	
SUBENT	Z0004001	760206		Z000400100001	
BIB	13	29		Z000400100002	
TITLE	SPIN-FLIP PROBABILITIES VIA ISOBARIC ANALOGUE RESONANCE			Z000400100003	
	S IN 50TI(P,P)50TI INELASTIC SCATTERING			Z000400100004	
AUTHOR	(T.NOJIRI,H.TOYAMA)			Z000400100005	
INSTITUTE	(ZJAPTIT,ZJAPTUE)			Z000400100006	
REFERENCE	(J,JPJ,37,1479,7412)			Z000400100007	
REACTION	(22-TI-50(P,P)22-TI-50(G)22-TI-50,INL/RES,SFP,P/G,,EXP)			Z000400100008	
FACILITY	1(VDG,ZJAPTIT)			Z000400100009	
COMMENT	1EN=3,588-3.606, EN-RSL=0.01 PER CENT, EN-STEP=3 KEV			Z000400100010	
	AVERAGE BEAM=0.5 MU-AMP			Z000400100011	
DETECTOR	2(S/LST)			Z000400100012	
	3(NAICR)			Z000400100013	
PART-DET	2(P) INEL SCATT PROTONS VIA IAR			Z000400100014	
	3(G) 1.55 MEV GAMMA FROM 1ST 2+ IN TI-50			Z000400100015	
COMMENT	2THREE SI DETECTORS IN COINC WITH 5IN*4IN NAI(TL) PLACED			Z000400100016	
	PERPENDICULAR TO SCATT PLANE,			Z000400100017	
	SULID ANG=1.3 MSR, HALF ANG=1.2 DEGREE			Z000400100018	
	3NAI(TL) IN COINC WITH INEL SCATT PROTONS			Z000400100019	
	SULID ANG=91 MSR, HALF ANG=3.5 DEGREE			Z000400100020	
SAMPLE	(22-TI-0X1) 10 MU-G/CM**2 ENRICHED TI-50 ON C			Z000400100021	
	ISOTOPIC COMPOSITION (PER CENT)			Z000400100022	
	TI-46	TI-47	TI-48	TI-49	TI-50
	2.7	2.48	24.1	2.99	67.72
ERR-ANALYS	UNCERTAINTY INCLUDES			Z000400100025	
	AMBIGUITY IN GAMMA-DETECTOR EFFICIENCY			Z000400100026	
	AMBIGUITY IN BACK GRD SUBTRACTION			Z000400100027	
	AMBIGUITY IN ACC COINC SUBTRACTION			Z000400100028	
	STATISTICAL ERRORS			Z000400100029	
	ERRORS DUE TO FINITE ANGLES OF DETECTORS MUCH SMALLER			Z000400100030	
	THAN STATISTICAL ERRORS			Z000400100031	
HISTORY	(760206)			Z000400100032	
ENDBIB	30			Z000400100033	
NOCOMMON				Z000400100034	
ENDSUBENT	33			Z000400199999	
SUBENT	Z0004002	760206		Z000400200001	
BIB	1	2		Z000400200002	
MISC-COL	(MISC1) SPIN-FLIP PROBABILITIES			Z000400200003	
	(MISC2) ERROR OF MISC1			Z000400200004	
ENDBIB	2			Z000400200005	
COMMON	6	3		Z000400200006	
EN	EN-RES	SPIN J	PARITY	E-LV-INI	E-LVL-FIN
MEV	MEV	H-BAR	NO-DIM	MEV	MEV
3.588	11.575	2.5	-1.	1.55	0.0
ENDCOMMON	3				
DATA	3	4			
ANG	MISC1	MISC2			
A-DEG	NO-DIM	NO-DIM			
45.0	28.5	4.0			
60.0	27.3	3.0			
75.0	29.5	4.0			
90.0	29.5	3.5			
ENDDATA	6				
ENDSUBENT	13				
ENDENTRY	2				
ENDTRANS	2	0			