

NRDF 収集蓄積データ

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1. 蓄積量

1980年から1989年3月までのNRDF蓄積データを図1と表1に示す。

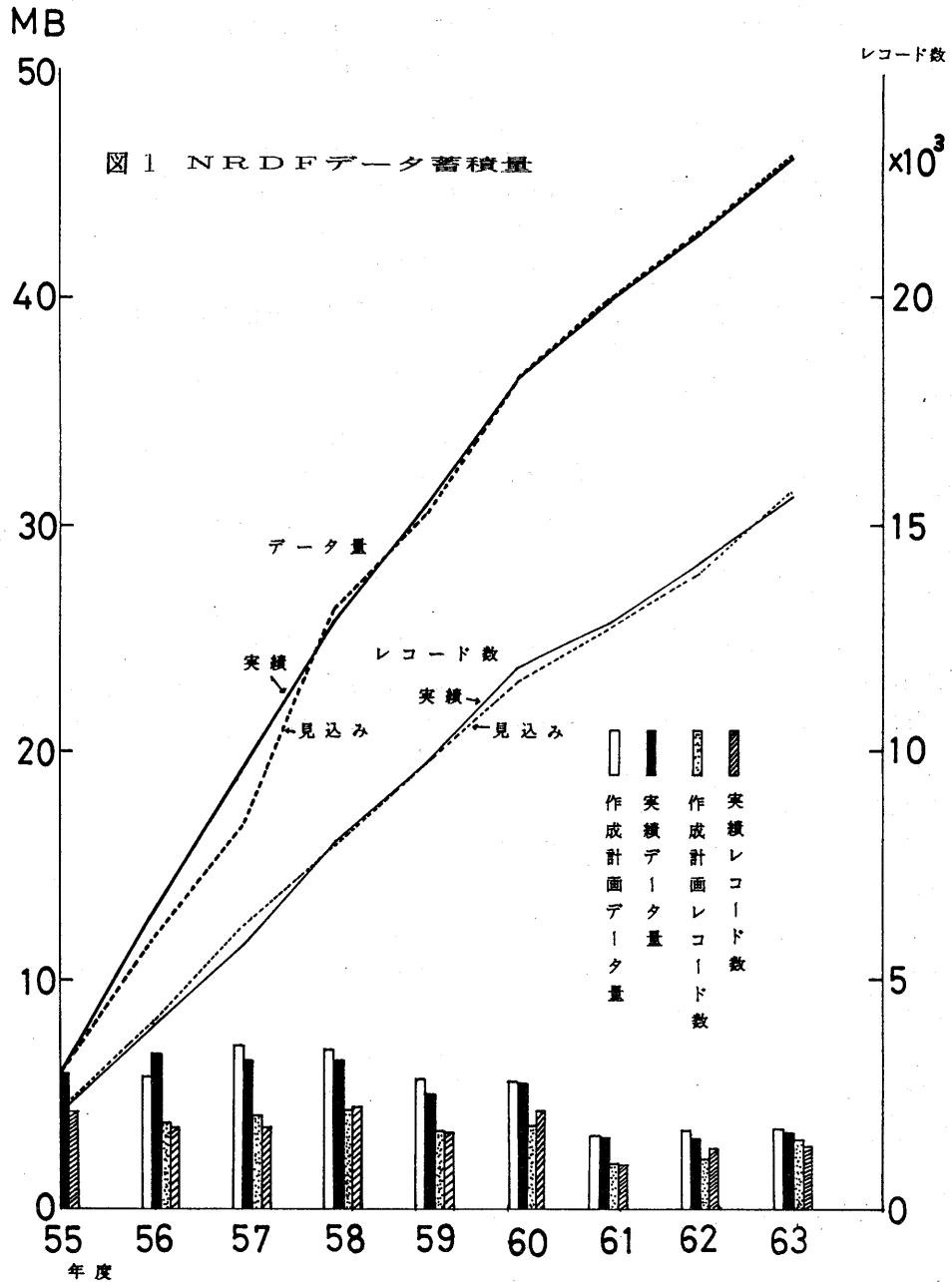


表 1. NRDFデータ蓄積量

年度 (昭和)	作成計画		実績		累積	
	レコード量 (レコード数)	データ量 (MB)	レコード量 (レコード数)	データ量 (MB)	レコード量 (レコード数)	データ量 (MB)
55	----	----	2,144	5.96	2,144	5.96
56	1,912	5.74	1,824	6.81	3,968	12.78
57	2,080	7.14	1,801	6.52	5,769	19.30
58	2,200	7.00	2,252	6.53	8,021	25.83
59	1,700	5.60	1,703	5.03	9,724	30.86
60	1,800	5.60	2,170	5.50	11,894	36.36
61	1,000	3.20	962	3.14	12,856	39.50
62	1,100	3.50	1,364	3.16	14,220	42.66
63	1,500	3.50	1,384	3.30	15,604	45.96

収集の対象となった実験データは、以下のものを情報源として荷電粒子核反応データを含む論文を捜し出し、それから実験データを採録した。

a) Annual Reports

- ・ 東大核研 (INS) 1973 1977
- ・ 東大核物理センター (RCNP) 1976 1977
- ・ 核研以外の東大 (U.Tokyo) 1973 1977
- ・ 筑波大 (UTTAC) 1976 1977
- ・ 理研 (IRCR) 1973 1977

b) Reference Book

Nuclear Data Sheets (Recent References)

- Vol.29 No.2 1980
- Vol.30 No.2 1980
- Vol.31 No.1 1980
- Vol.31 No.4 1980
- Vol.32 No.3 1981

Vol.35	No.1	1982
Vol.36	No.1	1982
Vol.37	No.1	1982
Vol.37	No.4	1982
Vol.38	No.3	1983
Vol.39	No.2	1983
Vol.41	No.1	1984
Vol.42	No.1	1984
Vol.44	No.1	1985
Vol.45	No.2	1985

c) その他

- ・ 著者からの直接提供
- ・ 投稿中の論文
- ・ その他

これらのうち、a), b) に対する、採録すべきデータの候補リストを作成し、文献から数値データを読みとって (GRDISシステム) NRDFのデータ形式に従って入力を行った。

今年度 (1988年) からは、収集データの対象を国内で生産されたデータに限ることにし、今年度は、これまでにまだ収集されていない国内のデータのうち、最近のもの (1988. 4 現在の入手データ) を収録した。

現在、収録データのうち検索可能な文献数は691件で、年毎のデータ件数の内訳を以下に示す。

1969年	1件
1973年	14件
1974年	10件
1975年	4件
1976年	15件
1977年	14件
1978年	83件
1979年	146件
1980年	56件
1981年	32件
1982年	79件
1983年	101件
1984年	79件
1985年	34件

1986年	14件
1987年	8件
1988年	1件
合計	691件

2. 書誌情報リスト

以下（次ページ以降）に示すリストは、1989年3月現在収録されたデータの文献である。D番号（Dnn）は収集候補リスト作成に付けられた文献番号で、欠番はデータ収録不可能、あるいはすでに収録されているために生じたものである。各文献毎に、表題（TITLE）、著者（AUTHOR）、雑誌（REFERENCE）を示した。

<<<<D1>>>>

AUTH=(H. IKEGAMI, T. YAMAZAKI, S. MORINOBU, I. KATAYAMA, M. FUJIWARA, Y. FUJITA, N. KOORI)
TITLE= EVIDENCE FOR THE FRAGMENTATION OF HOLE-STATE ANALOGS IN 59NI AND 58CO
REF=PL/B74(1978)326

<<<<D2>>>>

AUTH=(H. OHMURA, T. ISHIMATSU, M. NIWANO, N. KUMAGAI)
TITLE= THE 51V(P,D)50V REACTION AND SYMMETRY ENERGY
REF=PL/B73(1978)145

<<<<D3>>>>

AUTH=(T. FUJISAWA, K. KAMITSUBO, T. WADA, M. IGARASHI)
TITLE= OPTICAL-MODEL ANALYSIS OF ELASTIC SCATTERING OF 3HE PARTICLES FROM 58NI
AT 24.15, 27.64 AND 34.14 MEV
REF=JPJ27(1969)278

<<<<D4>>>>

AUTH=(I. KOHNO)
TITLE= ELASTIC AND INELASTIC SCATTERINGS OF 14N AND 12C PROJECTILES BY 12C, 27A
L, 28SI AND 58NI
REF=IPC-SC68(1974)38

<<<<D5>>>>

AUTH=(H. EJIRI, Y. NAGAI, H. SAKAI, T. ITAHASHI, T. SHIBATA, M. HOSHI, S. NAKAYAMA, T. KISHIMOTO,
K. MAEDA)
TITLE= PREEQUILIBRIUM AND EQUILIBRIUM DEEXCITATION PROCESSES FOR DY(ALPHA, XN, GAMMA)
MMA)ER REACTIONS AT EALPHA=90MEV AND 165HO(P, XN, YP, GAMMA) REACTIONS AT EP=60 MEV
REF=JPJ44(1978)655

<<<<D6>>>>

AUTH=(T. KISHIMOTO, S. NAKAYAMA, N. TAKAHASHI, H. EJIRI)
TITLE= GAMMA DEEXCITATION MECHANISM OF RARE-EARTH COMPOUND NUCLEI PRODUCED BY
(3HE, XN) AND (ALPHA, XN) REACTIONS
REF=JPJX(1978)X

<<<<D7>>>>

AUTH=(T. YAMAGATA, K. IWAMOTO, S. KISHIMOTO, B. SAEKI, K. YUASA, M. TANAKA, T. FUKUDA,
K. OKADA, I. MIURA, M. INOUE, H. OGATA)
TITLE= ISOSCALAR MULTIPOLE RESONANCES IN 40CA
REF=PRL40(1978)1628

<<<<D8>>>>

AUTH=(H. EJIRI, T. SHIBATA, T. ITAHASHI, Y. NAGAI, H. SAKAI, S. NAKAYAMA, T. KISHIMOTO, K. MAEDA,
M. HOSHI)
TITLE= GAMMA RAYS AND NEUTRONS FOLLOWING PRE-EQUILIBRIUM 165HO(P, XN, YP, GAMMA)
REACTIONS AT EP=60MEV
REF=NPX(X)X

<<<<D9>>>>

AUTH=(H. EJIRI, T. SHIBATA, T. IAHASHI, Y. NAGAI, H. SAKAI, M. HOSHI, S. NAKAYAMA, T. KISHIMOTO,
K. MAEDA)
TITLE= DIFFERENCE BETWEEN POPULATIONS OF THE K-ISOMER IN 182OS BY (P, XN, GAMMA)
REACTIONS AND (HE, XN, GAMMA) REACTIONS
REF=PRPX(X)X

<<<<D10>>>>

AUTH=(T. HASEGAWA, N. UEDA, T. FUJISAWA, T. WADA, N. KISHIDA, H. OHNUMA, K. IWATANI, T. TANAKA,
Y. WAKUTA)
TITLE= ANALYZING POWER FOR 30SI(P,D)29SI REACTION AT 30MEV
REF=PRIVATE COMMUNICATION

<<<<D11>>>>

AUTH=(T. HASEGAWA, N. UEDA, N. KISHIDA, H. OHNUMA, T. FUJISAWA, T. WADA, K. IWATANI, T. TANAKA,
Y. WAKUTA)
TITLE= 58NI(P,D)57NI REACTION WITH 30MEV POLARIZED PROTONS
REF=PRIVATE COMMUNICATION

<<<<D12>>>>

AUTH=(SEVKET OZKOK, TAKEO HASEGAWA)
TITLE= DIFFERENTIAL CROSS SECTIONS FOR 12C(D,P)13C REACTION AT EXTREME FORWARD

ANGLES
 REF=PRIVATE COMMUNICATION
 <<<<D13>>>>
 AUTH=(K.HOSONO,M.KONDO,T.SAITO,N.MATSUOKA,S.NAGAMACHI,S.KATO,K.OGINO,Y.KADOTA,T.NORO)
 TITLE= OBSERVATION OF ISOSPIN DEPENDENCE OF ANALYZING POWERS IN PROTON INELASTIC SCATTERING
 REF=PRLX(1978)X
 <<<<D14>>>>
 AUTH=(M.TANAKA,T.YAMAGATA,K.IWAMOTO,S.KISHIMOTO,B.SAEKI,K.YUASA,T.FUKUDA,I.MIURA,K.OKADA,M.INOUE,H.OGATA)
 TITLE= GROSS STRUCTURE OF DEEPLY BOUND HOLE STATES IN ODD TIN ISOTOPES OBSERVED BY THE (3HE, ALPHA) REACTION
 REF=PL/BX(X)X
 <<<<D15>>>>
 AUTH=(N.TAMURA,K.IMAI,K.NISIMURA,K.EGAWA,K.HATANAKA,H.SHIMIZU,T.SAITO,H.SATO,Y.WAKUTA,H.HASUYAMA,Y.MORI,H.YAMAMOTO)
 TITLE= MEASUREMENTS OF THE POLARIZATION IN PROTON-PROTON SCATTERING AT 52.34 AND 68.19MEV
 REF=JPJ/S44(1978)289
 <<<<D16>>>>
 AUTH=(M.NAKAMURA,H.SAKAGUCHI,K.IMAI,K.HATANAKA,A.GOTO,T.NORO,F.OHTANI,S.KOBAYASHI,K.HOSONO,M.KONDO,S.KATO,K.OGINO,Y.KADOTA)
 TITLE= ASYMMETRY IN THE ELASTIC AND INELASTIC SCATTERING OF 65 MEV PROTONS FROM 28SI, 29SI, 30SI, 31P, 89Y AND 90ZR
 REF=JPJ/S44(1978)557
 <<<<D17>>>>
 AUTH=(K.IMAI,K.NISIMURA,N.TAMURA,H.SATO)
 TITLE= MEASUREMENTS OF PROTON-PROTON DIFFERENTIAL CROSS SECTIONS AT 5, 7 AND 8 MEV
 REF=NPA246(1975)76
 <<<<D18>>>>
 AUTH=(K.SUGIMOTO,N.TAKAHASHI,A.MIZOBUCHI,Y.NOJIRI,T.MINAMISONO,M.ISHIHARA,K.TANAKA,H.KAMITSUBO)
 TITLE= SPIN POLARIZATION OF 12B IN THE HEAVY-ION REACTION 100MO(14N,12B)102RU
 REF=PRL39(1977)323
 <<<<D19>>>>
 AUTH=(K.TANAKA,M.ISHIHARA,H.KAMITSUBO,N.TAKAHASHI,A.MIZOBUCHI,Y.NOJIRI,T.MINAMISONO,K.SUGIMOTO)
 TITLE= SPIN POLARIZATION OF 12B IN THE HEAVY-ION REACTION 100MO(14N,12B)102RU
 ---SPIN POLARIZATION OF LIGHT PRODUCT AND REACTION MECHANISM OF HEAVY ION COLLISIONS---
 REF=JPJ44(1978)825
 <<<<D20>>>>
 AUTH=(K.FURUNO,K.KATORI,T.AOKI,T.OOI,J.SANADA)
 TITLE= SEQUENTIAL DECAY IN THE 12C+16O->12C+12C+ALPHA REACTION
 REF=JPJ/S44(1978)249
 <<<<D21>>>>
 AUTH=(K.YAGI,S.KUNORI,Y.AOKI,Y.HIGASHI,J.SANADA,Y.TAGISHI)
 TITLE= DIFFERENCE IN ANALYZING POWERS FOR (P,T) REACTIONS DUE TO A PHASE CHANGE OF INTERFERENCE BETWEEN DIRECT AND INDIRECT PROCESSES IN TWO-NUCLEON TRANSFER REACTIONS
 REF=PRL40(1978)161
 <<<<D22>>>>
 AUTH=(F.SOGA,J.SCHIMIZU,N.TAKAHASHI,K.TAKIMOTO,R.WADA,T.FUJISAWA,T.WADA,H.KAMITSUBO)
 TITLE= INTERMEDIATE STRUCTURES IN 12C+16O SYSTEM THROUGH ALPHA-INDUCED REACTIONS ON 24MG
 REF=PRIVATE COMMUNICATION

<<<<D23>>>>

AUTH=(K.KATORI,K.FURUNO,T.001)
TITLE= ENHANCEMENT OF THE EXCITATION FUNCTION FOR THE 0+, 6.049-MEV STATE OF 16O
IN THE REACTION 12C(16O, 12C)16O
REF=PRL40(1978)1489

<<<<D24>>>>

AUTH=(Y.AOKI,S.KATO,J.KAWA,K.OKADA,T.IZUMOTO)
TITLE= STUDY OF ISOSPIN FORBIDDEN AND ALLOWED TRANSITIONS IN 14N(D,D')14N AT ED
=10.03 AND 11.65MEV
REF=PL61B(1976)437

<<<<D25>>>>

AUTH=(K.YAGI,Y.AOKI,M.MATOBA,M.HYAKUTAKE)
TITLE= DESTRUCTIVE INTERFERENCE BETWEEN DIRECT AND INDIRECT PROCESSES IN (P,T)
REACTIONS ON SPHERICAL VIBRATIONAL NUCLEI AND STRONG RESEMBLANCE TO THAT IN (P,T
) REACTIONS ON WELL-DEFORMED NUCLEI
REF=PRC15(1977)1178

<<<<D26>>>>

AUTH=(M.MATOBA,M.HYAKUTAKE,K.YAGI,Y.AOKI,C.RANGACHARYULU)
TITLE= EXCITATION OF 3₁-, 5₁- AND 7₁- STATES IN TE ISOTOPES A=120, 122, 124,
126, 128 WITH (P,T) REACTION
REF=NPA261(1976)223

<<<<D27>>>>

AUTH=(ISAO KOHNO,KENJI KATORI,TAKASHI MIKUMO,TORU MOTOBAYASHI,SHUNJI NAKAJIMA,MO
RIO YOSHIE,HIROMICHI KAMITSUBO)
TITLE= SINGLE- AND MULTI-NUCLEON TRANSFER REACTIONS INDUCED BY 14N AND 12C ON FP
-SHELL NUCLEI
REF=JPJ42(1977)1

<<<<D28>>>>

AUTH=(T.MIKUMO,I.KOHNO,K.KATORI,T.MOTOBAYASHI,S.NAKAJIMA,M.YOSHIE,H.KAMITSUBO)
TITLE= SYSTEMATICS OF OPTIMUM Q VALUES IN MULTINUCLEON TRANSFER REACTIONS
INDUCED BY HEAVY IONS
REF=PR/C14(1976)1458

<<<<D29>>>>

AUTH=(S.TANAKA,K.FUKUNAGA,S.KAKITI,T.OHSAWA,N.FUJIWARA,T.YANABU)
TITLE= ELASTIC AND INELASTIC SCATTERING OF DEUTERONS BY 9BE IN THE ENERGY RANGE
OF 12.17MEV TO 14.43MEV
REF=JPJ45(1978)733

<<<<D30>>>>

AUTH=(TAKASHI WADA)
TITLE= ELASTIC AND INELASTIC DEUTERON SCATTERING FROM EVEN-MASS ISOTOPES OF
MOLYBDENUM
REF=NP/A307(1978)425

<<<<D31>>>>

AUTH=(TAKASHI FUJISAWA,SHUHEI YAMAJI,KAZUHISA MATSUDA,SHOSHICHI MOTON GA,
FUSAKO YOSHIDA,HARUTAKA SAKAGUCHI,KUNIAKI MASUI)
TITLE= THE ELASTIC AND INELASTIC SCATTERINGS OF 3HE FROM 12C AT 24.0, 29.2,38.7
AND 39.6MEV
REF=JPJ34(1973)5

<<<<D32>>>>

AUTH=(SHIGERU TAKEDA,SYUHEI YAMAJI,KAZUHISA MATSUDA,ISAO KOHNO,NORIYOSHI NAKANIS
HI,YOHKO AWAYA,SADAO KUSUNO)
TITLE= 100MO(T,P)102MO REACTION AT 15.8MEV
REF=JPJ34(1973)1115

<<<<D33>>>>

AUTH=(Y.IWASAKI,T.MURATA,T.TAMURA,Y.NOGAMI)
TITLE= SENSITIVITY OF THE (T,P) ANGULAR DISTRIBUTION BELOW THE COULOMB BARRIER
OF THE ENTRANCE CHANNEL TO THE RADIAL TWO-NEUTRON FORM FACTOR
REF=NCL15(1976)439

<<<<D34>>>>

AUTH=(Y. IWASAKI, T. MURATA, T. TAMURA, Y. NOGAMI)
 TITLE= FEATURES OF THE (T,P) REACTION BELOW THE COULOMB BARRIER OF THE ENTRANCE CHANNEL
 REF=PR/C13(1976)556
 <<<<D35>>>>

AUTH=(N. KISHIDA, N. NAKANISHI, Y. TOBA, H. OHNUMA)
 REF=78FUKUOKA()
 <<<<D36>>>>

AUTH=(H. OHNUMA, M. SEKIGUCHI, S. YAMADA, S. TAKEDA, N. NAKANISHI)
 REF=7711W. OHNUMA
 <<<<D37>>>>

AUTH=(H. OHNUMA, T. SUEHIRO, T. TANABE, S. YAMADA)
 TITLE= (P,D) REACTIONS AT 52 MEV. III. 28SI(P,D) AND 180(P,D)
 REF=JPSJ42(1977)382
 <<<<D38>>>>

AUTH=(MASAHARU YASUE, HIDEAKI YOKOMIZO, SIGERU KUBONO, KATSUJI KOYAMA, SUEHIRO TAKEUCHI, HAJIME OHNUMA)
 TITLE= 12C(P,T)10C AND 12C(P,3HE)10B REACTIONS AT EP=51.9MEV
 REF=JPJ42(1977)367
 <<<<D39>>>>

AUTH=(K. SAGARA, M. HARA, N. TAKAHASHI, T. MOTOBAYASHI, F. TAKEUCHI, F. SOGA, Y. NOGAMI)
 TITLE= 4HE(D,P,ALPHA)N REACTION AT ED=8.9MEV
 REF=JPJ42(1977)732
 <<<<D40>>>>

AUTH=(K. SAGARA, T. MOTOBAYASHI, N. TAKAHASHI, Y. HASHIMOTO, M. HARA, Y. NOGAMI, H. NOYA, H. NA KAMURA)
 TITLE= A STUDY OF THE N-P FINAL STATE INTERACTION IN THE 2H(ALPHA,P,ALPHA)N REACTION AT 18MEV
 REF=NP/A273(1976)493
 <<<<D41>>>>

AUTH=(T. MOTOBAYASHI, I. KOHNO, K. KATORI, M. YOSHIE, T. OHI, H. KAMITSUBO)
 TITLE= ANOMALOUS ANGULAR DISTRIBUTION IN THE TRANSITION TO THE 2S1/2 STATE IN 16O
 REF=PRL36(1976)390
 <<<<D42>>>>

AUTH=(T. MOTOBAYASHI, I. YAMANE, Y. NOGAMI, N. TAKAHASHI, M. HARA, K. SAGARA, M. KATOH, H. YAMA SHITA, B. IMANISHI)
 TITLE= FULL RECOIL ANALYSIS OF THE ELASTIC SCATTERING OF 16O ON 19F BY THE CORE -EXCHANGE MODEL
 REF=PL/B59(75)421
 <<<<D44>>>>

AUTH=(T. NOJIRI, H. TOYAMA)
 TITLE= SPIN-FLIP PROBABILITIES VIA ISOBARIC ANALOGUE RESONANCES IN 50TI(P, P')50 TI INELASTIC SCATTERING
 REF=JPSJ37(1974)1479
 <<<<D46>>>>

AUTH=(MASARU MATOBA, MIKIO HYAKUTAKE, KOSUKE YAGI, YASUO AOKI, C. RANGACHARYUIU)
 TITLE= EXCITATION OF TWO QUASI-PARTICLE 5- AND 7- STATES IN THE 124,126,128,130 TE(P,T) REACTIONS
 REF=JPSJ36(1974)1486
 <<<<D47>>>>

AUTH=(K. YAGI, Y. AOKI, K. SATO)
 TITLE= STRONG L=5 TRANSITION IN TE(P,P') REACTIONS
 REF=PL/B45(1973)463
 <<<<D48>>>>

AUTH=(M. MATOBA, M. HYAKUTAKE, S. NAKAMURA, T. KATAYAMA, T. TONAI, K. YAGI, K. SATO, Y. AOKI)
 TITLE= SPLITTINGS OF THE OCTUPOLE STRENGTH IN TE ISOTOPES
 REF=PL/B44(1973)159
 <<<<D49>>>>

AUTH=(K. FUKUNAGA, T. OHSAWA, S. KAKIGI, S. TANAKA, N. FUJIWARA)

TITLE= CONTINUOUS ENERGY SPECTRA OF ALPHA-PARTICLES FROM $^{11}\text{B}(\text{P},\text{ALPHA})\text{8E}$ REACTION
 REF=JPSJ42(1977)725
 <<<<D52>>>>

AUTH=(H. NAKAYAMA, J. CHIBA, M. SEKIMOTO, K. NAKAI)
 TITLE= STRUCTURE OF THE TRANSITIONAL NUCLEUS ^{149}Eu
 REF=NP/A293(1977)137
 <<<<D54>>>>

AUTH=(KAZUMASA MIYANO, TOMOAKI ANDO, HISAAKI KUDO, MINORU YANOKURA, HIROMICHI NAKAHARA)
 TITLE= THE (P,N) REACTION ON ^{209}Bi AND PRE-COMPOUND PROCESS
 REF=JPJ45(1978)1071
 <<<<D55>>>>

AUTH=(KAZUMASA MIYANO, HIROMICHI NAKAHARA)
 TITLE= THE RADIATIVE PROTON CAPTURE CROSS SECTIONS IN ^{209}Bi WITH EP FROM 10 TO 50 MEV
 REF=JPJ35(1973)1277
 <<<<D57>>>>

AUTH=(KAZUMASA MIYANO)
 TITLE= THE ^{7}Be , ^{22}Na AND ^{24}Na PRODUCTION CROSS SECTIONS WITH 22- TO 52-MEV PROTON ON ^{27}Al
 REF=JPJ34(1973)853
 <<<<D58>>>>

AUTH=(KAZUMASA MIYANO, HIROMICHI NAKAHARA)
 TITLE= THE CROSS SECTION AND THE RECOIL RANGE STUDY OF THE $^{209}\text{Bi}(\text{P},\text{N})$ AND $(\text{P},\text{2N})$ REACTIONS
 REF=JPJ35(1973)953
 <<<<D60>>>>

AUTH=(S. MATSUKI, S. NAKAMURA, M. HYAKUTAKE, M. MATOBA, Y. YOSHIDA, I. KUMABE)
 TITLE= SPIN-PARITY ASSIGNMENTS FOR THE EXCITED STATES OF ^{91}Nb FROM THE $^{91}\text{Zr}(\text{P},\text{N},\text{GAMMA})^{91}\text{Nb}$ REACTION
 REF=NP/A201(1973)608
 <<<<D63>>>>

AUTH=(TAKESI KOMATUZAKI)
 TITLE= EXCITED STATES OF ^{25}Mg FROM THE $^{27}\text{Al}(\text{D},\text{ALPHA})^{25}\text{Mg}$ REACTION AND $2\text{I}+1$ RULE
 REF=JPJ39(1975)1152
 <<<<D64>>>>

AUTH=(J. SANADA, K. KONDO, S. SEKI)
 TITLE= PROTON-PROTON BREMSSTRAHLUNG AND THE $^2\text{H}(\text{P},\text{2P})\text{N}$ REACTION AT 51.8MEV
 REF=NP/A203(1973)388
 <<<<D65>>>>

AUTH=(AKIRA ISOYA, TOKIHIRO KUROYANAGI, YUTAKA NAKAJIMA, TAKASHI MAKI, TAKAO NAKASHIMA, NORIHISA KATO, TSUYOSHI SUGIMITSU, KIKUO KIMURO, SHIRO MITARAI, SHUZO UEHARA)
 TITLE= THE LEVEL STRUCTURE OF ^{69}Ge
 REF=JPJ35(1973)341
 <<<<D66>>>>

AUTH=(I. KUMABE, S. MATSUKI, S. NAKAMURA, M. HYAKUTAKE, M. MATOBA, T. SATO)
 TITLE= ENERGY LEVELS OF ^{92}Nb FROM $^{92}\text{Zr}(\text{P},\text{N},\text{GAMMA})^{92}\text{Nb}$
 REF=NP/A218(1974)201
 <<<<D67>>>>

AUTH=(KATSJI KOYAMA, NORIYOSHI NAKANISHI, SHIGERU TAKADA, SATORU YAMADA, HARUTAKA SAKAGUCHI, MASANOBU NAKAMURA, SUEHIRO TAKEUCHI, HAJIME OHNUMA)
 TITLE= $(^3\text{He},\text{D})$ STRIPPING TO BOUND AND UNBOUND STATES IN ^{29}F
 REF=JPSJ43(1977)755
 <<<<D71>>>>

AUTH=(Y. TAGISHI, K. KATORI, M. SASAGASE, M. SATO, T. AOKI, T. MIKUMO)
 TITLE= ANALYZING POWER FOR THE (P,ALPHA) REACTION INDUCED WITH POLARIZED PROTONS
 REF=PRL41(1978)16
 <<<<D72>>>>

AUTH=(AKIRA SHIBUYA, MASANORI DOJO, TSUYOSHI SUGIMITSU, NORIHISA KATO)

TITLE= SPECTROSCOPIC STUDY OF 75SE BY THE (D,P) REACTION
 REF=NP/A301(1978)15
 <<<<D74>>>>

AUTH=(SHOHEI YANAGITA,KAZUO YAMAKOSHI,REISUKE GENSHO)
 TITLE= PRODUCTION OF 59NI FROM ALPHA-BONBARDEMENT OF IRON
 REF=NP/A303(1978)254
 <<<<D75>>>>

AUTH=(JUN SHIMIZU,RYOICHI WADA,KAZUO FUJII,KIYOHICO TAKIMOTO,JIRO MUT O)
 TITLE= A STUDY OF THE ANOMALY AT EC.M.=13.7 MEV IN THE 12C+16O SYSTEM
 REF=JPJ44(1978)7
 <<<<D76>>>>

AUTH=(H.IKEGAMI,T.YAMAZAKI,S.MORINOBU,J.KATAYAMA,M.FUJIWARA,Y.FUJITA,H.TAKETANI,
 M.ADACHI,T.MATSUZAKI,N.KOORI,M.MATABE)
 TITLE= SYSTEMATIC OBSERVATION OF FINE STRUCTURE OF THE HOLE-STATE ANALOGUES IN
 NI ISOTOPES
 REF=NP/A329(1979)84-92
 <<<<D77>>>>

AUTH=(K.IMAI,K.HATANAKA,H.SHIMIZU,N.TAMURA,K.EGAWA,K.NISIMURA,T.SAITO,H.SATO,Y.W
 AKUTA)
 TITLE= POLARIZATION AND CROSS SECTION MEASUREMENTS FOR P-4HE ELASTIC SCATTERING
 AT 45,52,60 AND 65MEV
 REF=NP/A325(1979)397
 <<<<D78>>>>

AUTH=(K.SAGARA,T.MOTOBAYASHI,N.TAKAHASHI,Y.HASHIMOTO,M.HARA,Y.NOGAMI,H.NAKAMURA,
 H.NOYA)
 TITLE= MEASUREMENT AND SEMI-PHENOMENOLOGICAL ANALYSIS OF THE 2H(2,P2)N REACTION
 AT 18MEN
 REF=NP/A299(1978)77
 <<<<D79>>>>

AUTH=(YOSHIYUKI TOBA,HARUTAKA SAKAGUCHI,AKIRA GOTO,FUMIHIKO OHTANI,NORIYOSHI NAK
 ANISHI,NORIO KISHIDA,MASAHARU YASUE,TAKEO HASEGAWA)
 TITLE= PROTON INELASTIC SCATTERING ON 28,29,30SI AND BLOCKING EFFECT IN THE CORE
 -EXCITATION OF 29SI
 REF=JPJ45(1978)367
 <<<<D80>>>>

AUTH=(H.TAKETANI,M.ADACHI,T.MATSUZAKI,M.MATоба,N.KOORI,T.YAMAZAKI,S.MORINOBU,I.K
 ATAYAMA,M.FUJIWARA,Y.FUJITA,H.IKEGAMI)
 TITLE= LINE BROADENING AND COULOMB DISPLACEMENT ENERGIES OF THE HOLE-STATE
 ANALOGS IN THE A=111-123 ODD-MASS SN ISOTOPES
 REF=PL/B90(1980)214
 <<<<D81>>>>

AUTH=(R.WADA,J.SCHIMIZU,K.TAKIMOTO)
 TITLE= SUB-COULOMB RESONANCES IN THE 12C-12C SYSTEM THROUGH THE REACTION 12C(12C
 ,16O)8BE
 REF=PRL38(1977)1341
 <<<<D82>>>>

AUTH=(A.SCOTT,F.T.BAKER,W.G.LOVE,J.D.WIGGINS,JR,M.L.WHITEN)
 TITLE= COMPARISON OF THE 92MO(P,P) AND 90ZR(P,P) REACTIONS AT 61.2 MEV
 REF=NP/A357(1981)9
 <<<<D83>>>>

AUTH=(Y.TOBA,Y.AOKI,S.KUNORI,K.NAGANO,K.YAGI)
 TITLE= ANALYZING POWER FOR THE 208PB(P,T)206PB(3+) REACTION AND (P,D)(D,T)
 SEQUENTIAL TRANSFER PROCESS
 REF=PR/C20(1979)1204
 <<<<D84>>>>

AUTH=(K.YAGI,S.KUNORI,Y.AOKI,K.NAGANO,Y.TOBA)
 TITLE= ANOMALOUS ANALYZING POWERS FOR STRONG (PPOL,T) GROUND-STATE TRANSITIONS
 AND INTERFERENCE BETWEEN DIRECT AND (P,D) (D,T) SEQUENTIAL PROCESS
 REF=PRL43(1979)1087

<<<<D85>>>>

AUTH=(YASUO AOKI,KENZO NAGANO,SYUICHIRO KUNORI,KOHSUKE YAGI)
TITLE= COMPETITION OF TWO-STEP PROCESS WITH SPIN-DEPENDENT INTERACTION IN THE 14
N(P,P1)14N(2,31MEV)REACTION AT EP=21.0MEV
REF=JPJ47(1979)329

<<<<D86>>>>

AUTH=(K.YAGI,S.KUNORI,Y.AOKI,K.NAGANO,Y.TAGISHI,Y.TOBA)
TITLE= SYSTEMATIC NUCLEAR-STRUCTURE DEPENDENCE OF ANALYZING POWERS FOR (P,T)
REACTIONS ON MEDIUM MASS VIBRATIONAL NUCLEI
REF=PR/C19(1979)285

<<<<D87>>>>

AUTH=(T.TANABE,M.YASUE,K.SATO,F.SOGA,M.IGARASHI,K.OGINO,Y.KADOTA,Y.SAITO,S.TANAK
A,F.SHIMOKOSHI)
TITLE= STUDY OF THE (3HE,T) REACTION ON 48CA AT 82 MEV
REF=NP/A311(1978)38

<<<<D90>>>>

AUTH=(SEIJI TANAKA)
TITLE= THE 9BE(D,T)8BE AND 9BE(D,ALPHA)7LI REACTION IN THE ENERGY RANGE FROM 12.
17 MEV TO 14.43 MEV
REF=JPJ44(1978)1405

<<<<D91>>>>

AUTH=(Y.AOKI,J.SANADA,K.YAGI,S.KUVOI,Y.HIGASHI,S.KATO,J.KAWA,K.OKADA,T.IZUMOTO)
TITLE= ISOSPIN NON-CONSERVATION IN THE 14N(D,D')14N REACTION
REF=NP/A322(1979)117

<<<<D92>>>>

AUTH=(T.TAHISHI,K.KATORI,M.SASAGASE,M.SATO,T.MIKUMO)
TITLE= ANALYZING POWER IN (P,ALPHA) L=0 TRANSFER REACTIONS
REF=PL/B82(1979)353

<<<<D93>>>>

AUTH=(M.HYAKUTAKE,M.MATOB,A,I.KUMABE,M.FUKADA,T.KOMATUZAKI,T.YAMAGATA,M.TANAKA,M.
INOUE,I.MIURA,H.OGATA)
TITLE= ELASTIC SCATTERING OF 90-120MEV 3HE PARTICLES AND AN UNAMBIGUOUS OPTICAL
POTENTIAL
REF=NP/A311(1978)161

<<<<D94>>>>

AUTH=(TAKASHI MAKI)
TITLE= AN ANALYSIS OF CROSS SECTION FLUCTUATIONS IN THE REACTION 55MN(P,P)55MN
REF=JPJ44(1978)16

<<<<D96>>>>

AUTH=(N.TAKAHASHI,Y.MIAKE,Y.NOJIRI,T.MINAMISONO,A.MIZOBUCHI,M.ISHIHARA,K.SUGIMOT
O)
TITLE= POLARIZATION OF 12B IN DEEP-INELASTIC HEAVY-ION REACTION 100MO(14N,12B)
REF=PL/B78(1978)397

<<<<D97>>>>

AUTH=(R.CHIBA,S.SHIBASAKI,T.NUMAO,H.YOKOTA,S.YAMADA,K.KOTAJIMA,S.ITAGAKI,S.IWASA
KI,T.TAKEDA,T.SHINOZUKA)
TITLE= SUPERALLOWED FERMI BETA TRANSITION OF 62GA
REF=PR/C17(1978)2219

<<<<D99>>>>

AUTH=(KIYOJI FUKUNAGA,NOBORU FUJIWARA,SHIGERU KAKIGI,TAKAO OHSAWA,HITOSHI NAKAMU
RA-YOKOTA,SEIJI TANAKA,AKIRA OKIHANA,TUGUHISA SEKIOKA,TOSHIYASU HIGO,TOSHIHIRO M
IYANAGA)
TITLE= BREAKUP REACTION OF 3HE BY 3HE AT 120 MEV
REF=JPJ45(1978)1783

<<<<D101>>>>

AUTH=(KOHEI FURUNO,KENJI KATORI,TAKAYOSHI AOKI,TAKAO OOI,JUNPEI SANADA)
TITLE= THE 12C+12C+2 THREE-BODY FINAL STATE INDUCED BY THE 12C+16O ENTRANCE
CHANNEL
REF=NP/A321(1979)250

<<<<D104>>>>
AUTH=(SYOHEI KATO,YASUO AOKI)
TITLE= 3HE(D,P)4HE REACTION PROTON ASYMMETRY WITH POLARIZED 3HE BEAM
REF=JPJ34(1973)1128

<<<<D106>>>>
AUTH=(JUN-ICHI KAWA,KENJI OKADA,TANIO YAMAGATA)
TITLE= STUDIES OF (ALPHA,D)REACTIONS ON N=28 NUCLEI. II. 52CR(ALPHA,D)4MN
REF=JPJ37(1974)789

<<<<D107>>>>
AUTH=(M.TANAKA,S.OCHI,T.MINAMISONO,A.MIZOBUCHI,K.SUGIMOTO)
TITLE= MAGNETIC SUBSTATE POPULATIONS OF PRODUCT NUCLEI IN THE 11B(D,P)12B
REACTION
REF=NP/A263(1976)1

<<<<D108>>>>
AUTH=(H.ORIHARA,Y.ISHIZAKI,G.F.TRENTELMAN,M.KANAZAWA,K.ABE,H.YAMAGUCHI)
TITLE= 6+ AND 11- STATUS EXCITED BY THE (P,T) REACTION LEAD ISOTOPES
REF=PR/C9(1974)266

<<<<D109>>>>
AUTH=(T.MOTOBAYASHI,I.KOHNO,T.OOI,S.NAKAJIMA)
TITLE= ALPHA-TRANSFER REACTIONS BETWEEN LIGHT NUCLEI
REF=NP/A331(1979)193

<<<<D110>>>>
AUTH=(K.YAGI,Y.AOKI,C.RANGACHARYULU,K.MATOBA,M.HYAKUTAKE,J.NIDOME)
TITLE= EFFECT OF INELASTIC SCATTERING PROCESSES ON (P,T) REACTIONS EXCING THE
FIRST 2+ STATES IN TE, SN AND CD ISOTOPES
REF=PL/B44(1973)447

<<<<D111>>>>
AUTH=(M.HYAKUTAKE,I.KUMABE,M.FUKUDA,T.KOMATUZAKI,T.YAMAGATA,M.INOUE,H.OGATA)
TITLE= ELASTIC SCATTERING OF 119MEV 3HE PARTICLES AND ENERGY AND MASS-NUMBER
DEPENDENCE OF OPTICAL POTENTIAL PARAMETERS
REF=NP/A333(1980)1

<<<<D112>>>>
AUTH=(K.KIMURA,N.TAKAGI,M.TANAKA)
TITLE= THE LEVEL STRUCTURE OF 76AS BY THE 76GE(P,N,GAMMA) REACTION
REF=NP/A336(1980)246

<<<<D113>>>>
AUTH=(T.SHIBATA,Y.NAGAI,M.FUJIWARA,H.EJIRI,N.NAKANISHI,S.TAKEDA)
TITLE= LOW-LYING LEVELS IN 145PM AND THE EFFECTIVE M2 TRANSITION MOMENT
REF=NP/A257(1976)303

<<<<D115>>>>
AUTH=(SHIGERU KAKIGI,KIYOJI FUKUNAGA,TAKAO OHSAWA,SEIJI TANAKA,AKIRA OKIHANA,HIT
OSHI NAKAMURA-YOKOTA,TUGUHISA SEKIOKA,NOBORU FUJIWARA)
TITLE= EXCITED STATES OF 4HE, OBSERVED IN THE 4HE(ALPHA,ALPHA,D)2H REACTION AT
119MEV
REF=JPJ48(1980)1797

<<<<D116>>>>
AUTH=(NOZOMI TAKAGI)
TITLE= LEVELS IN 87Y FROM A STUDY OF THE (P,N,GAMMA) REACTION
REF=NP/A346(1980)93

<<<<D117>>>>
AUTH=(KOUICHI TOYOSHIMA,TSUYOSHI SUGIMITSU)
TITLE= A DETAILED STUDY OF LOW-LYING LEVELS IN 79KR BY THE 79BR(P,NR)79KR
REACTION
REF=JPJ49(1980)435

<<<<D118>>>>
AUTH=(KIKUO KIMURA,NOZOMU TAKAYI,MASAHIKO TANAKA)
TITLE= AN INVESTIGATION OF THE LEVEL SCHEME OF 72AS THROUGH THE 72GE(P,N,GAMMA)7
2AS REACTION
REF=NP/A272(1976)381

<<<<D119>>>>
AUTH=(K.KIMURA)
TITLE= A STUDY OF THE LEVEL SCHEME OF 74AS BY THE 74GE(P,N,GAMMA)74AS REACTION
REF=NP/A213(1973)61

<<<<D121>>>>
AUTH=()
TITLE= VECTOR ANALYZING POWER AND POLARIZATION MEASUREMENTS FOR THE 116SN(D,P)117
SN REACTION AND DEUTERON D-STATE EFFECTS
REF=PL/B97(1980)192

<<<<D122>>>>
AUTH=(H.KUSAKARI,K.KITAO,S.KONO,Y.ISHIZAKI)
TITLE= STUDY OF EVEN-MASS BA NUCLEI BY THE (P,T) REACTION
REF=NP/A341(1980)206

<<<<D125>>>>
AUTH=(S.MATSUKI,T.HIGO,Y.IWASHITA,T.SEKIOKA,T.YANABU,H.ITOH,T.MAKI,A.YOSHIMURA,H
.YOSHINAGA,T.CHO,S.UEHARA)
TITLE= ENERGY SPECTRA OF NEUTRONS INDUCED BY 0.75 GEV/C NEGATIVE PIONS ON
COMPLEX NUCLEI
REF=PL/B84(1979)67

<<<<D126>>>>
AUTH=(M.MATOBA,M.HYAKUTAKE,N.KOORI,Y.IRIE,Y.AOKI)
TITLE= INELASTIC PROTON SCATTERING OF DOUBLE EVEN SELEMIUM ISOTOPES
REF=NP/A325(1979)389

<<<<D131>>>>
AUTH=(H.YAMADA,D.R.ZOLNOWSKI,S.E.CALA,A.C.KAHLER,J.PIERCE,T.T.SUGIHARA)
TITLE= MASSIVE TRANSFER ACCOMPANYING PROTON, DEUTERON, AND TRITON EMISSION IN
HEAVY-ION REACTIONS
REF=PRL43(1979)605

<<<<D132>>>>
AUTH=(T.NUMAO,H.NAKAYAMA,T.KOBAYASHI,T.SHIBATA,Y.KUNO)
TITLE= HIGH SPIN STATES ABOVE THE 8+ ISOMER IN 88ZR
REF=JPJ46(1979)361

<<<<D133>>>>
AUTH=(T.NUMAO,T.KOBAYASHI,H.NAKAYAMA)
TITLE= STUDY OF HIGH SPIN STATES IN 89ZR
REF=JPJ47(1979)365

<<<<D134>>>>
AUTH=(T.SHIBATA,J.IMAZATO,T.YAMAZAKI,B.A.BROWN)
TITLE= DECAY OF THE 1+ ISOMER IN 24AL
REF=JPJ47(1979)33

<<<<D137>>>>
AUTH=(MINORU ADACHI,TEIICHIRO MATSUZAKI,HIROSHI TAKETANI)
TITLE= LOW-LYING LEVELS IN 120SB STUDIED WITH THE 120SN(P,N,GAMMA) REACTION
REF=NP/A314(1979)80

<<<<D139>>>>
AUTH=(S.OHYA,Y.SHIDA,O.HASHIMOTO,N.YOSHIKAWA,M.ISHII)
TITLE= HIGH-SPIN STATES IN 107,109,111CD FOLLOWING (ALPHA,3N,GAMMA) REACTIONS
REF=NP/A325(1979)408

<<<<D140>>>>
AUTH=(N.YOSHIKAWA,Y.SHIDA,O.HASHIMOTO,M.SAKAI,T.NUMAO)
TITLE= LEVELS IN 74SE,178,80KR AND 84SR AND SYSTEMATICS OF QUASI-GAMMA BANDS
REF=NP/A327(1979)477

<<<<D141>>>>
AUTH=(AKIRA OKIHANA,NOBORU FUJIWARA,HITOSHI NAKAMURA-YOKOTA,TAKUJI YANABU,KIYOJI
FUKUNAGA,TAKAO OHSAWA,SEIJI TANAKA)
TITLE= THE D(D,D)D, D(D,P)T AND D(D,3HE)N REACTIONS AT 13.2 MEV
REF=JPJ46(1979)707

<<<<D142>>>>
AUTH=(N.SAKAMOTO,S.MATSUKI,K.OGINO,Y.KADOTA,T.TANABE,Y.OKUMA)

TITLE= THE 22+ AND 41+ STATES OF THE EVEN ISOTOPES 78-86 KR EXCITED IN THE INELASTIC SCATTERING OF 51.9 MEV PROTONS
REF=PL/B83(1979)39
<<<<D143>>>>

AUTH=(MASANOBU SAKAGUCHI, TSUTOMU TAMURA, ZYUN-ITIRO MATUMOTO)
TITLE= DECAY OF 189RE
REF=JPJ46(1979)1067
<<<<D144>>>>

AUTH=(T. INAMURA, T. KOJIMA, T. NOMURA, T. SUGITATE, H. UTSUNOMIYA)
TITLE= MULTIPLICITY OF GAMMA-RAYS FOLLOWING FAST ALPHA-PARTICLE EMISSION IN THE 95MEV 14N+159TB REACTION
REF=PL/B84(1979)71
<<<<D145>>>>

AUTH=(M. ISHIHARA, T. SHIMODA, H. FROHLICH, H. KAMITSUBO, K. NAGATANI, T. UDAGAWA, T. TAMURA)
TITLE= PREVALENCE OF DIRECT-REACTION MECHANISM IN A DEEPLY INELASTIC REACTION, 197AU(19F, 12B)
REF=PRL43(1979)111
<<<<D150>>>>

AUTH=(T. SUEHIRO, J. KOKAME, Y. ISHIZAKI, H. OGAATA, Y. SUGIYAMA, Y. SAJI, I. NONAKA, K. ITONAGA)
TITLE= CORE-EXCITED STATES OF 54FE FROM THE 56FE(P,T)54FE REACTION AT 52MEV
REF=NP/A220(1974)461
<<<<D151>>>>

AUTH=(HIROKANE KAWAKAMI, MASAYASU ISHIHARA, NOBUHARU YOSHIKAWA, KAMEO ISHII, HIDESHI GE KUSAKARI, MITSUO SAKAI)
TITLE= LOW-LYING STATES OF 181OS
REF=JPJ36(1974)623
<<<<D153>>>>

AUTH=(MONORU ADACHI, TOSHIYUKI HATTORI, EIICHI ARAI, MASAO OGAWA, HARUO SATOH)
TITLE= HIGH RESOLUTION STUDY OF THE G9/2 ISOBARIC ANALOGUE STATE IN 61CU
REF=JPJ36(1974)1266
<<<<D154>>>>

AUTH=(M. SAKAI, M. SEKIGUCHU, F. SOGA, Y. HIRAO, K. YAGI, Y. AOKI)
TITLE= EXCITATION OF THE DEEPLY BOUND G9/2 NEUTRON HOLE STATE IN 117SN BY NEUTRON PICKUP REACTION WITH 81.7MEV 3HE PARTICLES
REF=PL/B51(1974)51
<<<<D155>>>>

AUTH=(S. KUBONO, S. KATO, M. YASUE, K. KOYAMA, H. OHNUMA)
TITLE= ANGULAR DISTRIBUTION FOR THE REACTION 160(P,T)140*(6.27MEV) AND CHANNEL COUPLING EFFECTS
REF=JPJ39(1975)1407
<<<<D158>>>>

AUTH=(T. OTSUBO, I. ASADA, M. TAKEDA, M. TSUDA, Y. ODA)
TITLE= LOW-LYING STATES OF THE 16F NUCLIDES
REF=NP/A259(1976)452
<<<<D159>>>>

AUTH=(H. KAWAKAMI, M. KOIKE, K. KOMURA, M. SAKAI, N. YOSHIKAWA)
TITLE= CROSS SECTIONS AND REACTION MECHANISMS OF (P,P,XN) REACTIONS ON 208PB IN THE 24-52 MEV RANGE
REF=NP/A262(1976)52
<<<<D160>>>>

AUTH=(MITSUNORI AKIBA, TOSHIYUKI HATTORI, KAZUO HISATAKE)
TITLE= THE MAGNETIC MOMENT OF THE SECOND EXCITED STATE IN 26AL
REF=JPJ40(1976)307
<<<<D161>>>>

AUTH=(TOSHIYUKI HATTORI, MINORU ADACHI, HIROSHI TAKETANI)
TITLE= A LEVEL-STRUCTURE STUDY OF 108AG AND 110AG WITH THE (P,N,GAMMA) REACTIONS
REF=JPJ41(1976)1830
<<<<D163>>>>

AUTH=(M.SEKIGUCHI,Y.SHIDA,F.SOGA,Y.HIRAO,M.SAKAI)
 TITLE= DEEPLY BOUND HOLE STATES AND ISOBARIC ANALOG STATES OBSERVED BY NEUTRON
 PICKUP REACTIONS ON EVEN TIN ISOTOPES
 REF=NP/A278(1977)231
 <<<<D164>>>>

AUTH=(M.SEKIGUCHI,Y.SHIDA,F.SOGA,T.HATTORI,Y.HIRAO,M.SAKAI)
 TITLE= INNER-CORE NEUTRON-HOLE STATE 1H11/2 IN ODD ND AND SM ISOTOPES
 REF=PRL38(1977)1015
 <<<<D165>>>>

AUTH=(H.YOKOMIZO,T.TANABE,M.YASUE,F.SOGA,K.KOYAMA,S.MATSUKI,K.OGINO,H.OHNUMA)
 TITLE= ANALOG (P,T) AND (P,3HE) REACTIONS ON 14N INDUCED BY 52MEV PROT
 REF=PL/B61(1976)245
 <<<<D168>>>>

AUTH=(YOSHIHIRO TAGISHI,KENJI KATORI,YOSHYUKI TOBA,MASAJI SASAGASE,MASATAKA SATO
 ,TAKASHI MIKUMO)
 TITLE= EXCITATION OF THE ANALOG STATE IN THE 54FE(P,ALPHA)51MN REACTION AT 21MEV
 REF=JPJ47(1979)1735
 <<<<D169>>>>

AUTH=(HARUHIKO MORINAGA,JUN IMAZATO,MINORU YANOKURA,TORU NOMURA,
 MASAYASU ISHIHARA)
 TITLE= REACTION CROSS SECTION MEASUREMENT FOR 40CA(160,P)55CO
 REF=JPJ48(1980)687
 <<<<D170>>>>

AUTH=(T.YAMAYA,K.UMEDA,T.SUEHIRO,K.TAKIMOTO,R.WADA,E.TAKADA,M.FUKADA,J.SCHIMIZU,
 Y.OKUMA)
 TITLE= THE (D,6LI) REACTION ON 12C,160,24MG,40CA AND 58NI AT 54.25MEV
 REF=PL/B90(1980)219
 <<<<D171>>>>

AUTH=(TOKUSHI SHIBATA,HIROYASU EJIRI,HIROKANE KAWAKAMI,HIDESHI GE KUSAKARI,MITSU
 O SAKAI,NOBUHARU YOSHIKAWA)
 TITLE= ELECTROMAGNETIC PROPERTIES OF LOW-LYING LEVELS IN 143PM
 REF=JPJ35(1973)633
 <<<<D172>>>>

AUTH=(T.KISHIMOTO,M.SASAO,H.SUZUKI,H.SAKAI,H.EJIRI)
 TITLE= SPIN ALIGNMENT OF YRAST LEVELS POPULATED BY PRE-EQUILIBRIUM (ALPHA,X,N,
 GAMMA) REACTIONS
 REF=NP/A337(1980)493-5
 <<<<D173>>>>

AUTH=(Y.FUJITA,M.FUJIWARA,S.MORINOBU,I.KATAYAMA,T.YAMAZAKI,T.ITAHASHI,H.IKEGAMI,
 S.I.HAYAKAWA)
 TITLE= HEXADECAPOLE STRENGTH IN THE REGION OF THE LOW-ENERGY OCTUPOLE RESONACE
 IN 90ZR
 REF=PL/B98(1981)175
 <<<<D178>>>>

AUTH=(Y.D.BAYUKOV,V.I.EFREMENKO,S.FRANKEL,W.FRATI,M.GAZZALY,G.A.LEKSIN,N.A.NIKIF
 OROV,C.F.PERDRISAT,V.I.TCHISTILIN,Y. M.ZAITSEV)
 TITLE= "BACKWARD" PRODUCTION OF PROTONS,DEUTERONS,TRITONS,3HE,4HE AND PIONS IN
 THE INTERACTION OF 400GEV PROTONS WITH NUCLEI
 REF=PL/B27(1979)315
 <<<<D179>>>>

AUTH=(BO HOEISTAD,G.S.ADAMS,M.GAZZALY,G.IGO,F.IRON,N.NANN)
 TITLE= MEASUREMENT OF THE REACTIONS 9BE(P,PION+-) AT 800 MEV
 REF=PRL43(1979)487
 <<<<D180>>>>

AUTH=(D.J.HOREN,R.T.KOUZES,D.MUELLER,F.CALAPRICE,R.P.HALL)
 TITLE= EVIDENCE FOR NEGATIVE PARITY FOR THE 7064-KEV LEVEL IN 208PB
 REF=PR19(1979)549
 <<<<D182>>>>

AUTH=(B.M.K.NEFKENS,O.R.SANDER,D.I.SOBER,H.W.FEARING)

TITLE= DIFFERENTIAL CROSS SECTION FOR PROTON-PROTON BREMSSTRAHLUNG AT 1.38 GEV/C
REF=PR/C19(1979)877
<<<<D183>>>>
AUTH=(D.M.SKOPIK,H.R.WELLER,N.R.ROBERSON,S.A.WENDER)
TITLE= 2H(P,GAMMA)3HE REACTION USING POLARIZED AND UNPOLARIZED PROTONS
REF=PR/C19(1979)601
<<<<D184>>>>
AUTH=(Z.E.SWITKOWSKI,J.C.P.HEGGIE,D.L.KENNEDY,D.G.SARGOOD)
TITLE= CROSS SECTION OF THE REACTION 6LI(P,GAMMA)7BE
REF=NP331(1979)50
<<<<D185>>>>
AUTH=(A.ANTTILA,J.KENONEN,R.HENTELE)
TITLE= LIFETIMES OF NEGATIVE PARITY STATES IN 11C
REF=PR/C20(1979)920
<<<<D188>>>>
AUTH=(F.M.KHAN,J.LOWE,J.M.NELSON,A.R.BARNETT)
TITLE= SOME STUDIES OF T=3/2 STATES IN 17F
REF=NP/A322(1979)33
<<<<D190>>>>
AUTH=(J.J.A.SMIT,M.A.MEYER,J.P.L.REINECKE,D.REITMANN)
TITLE= A STUDY OF THE 22NE(P,GAMMA)23NA REACTION IN THE ENERGY REGION E(P)= 1.1
TO 2.0 MEV
REF=NP/A318(1979)111
<<<<D192>>>>
AUTH=(F.TERRASI,A.BRONDI,P.CUZZOCREA,R.MORO,M.ROMANO)
TITLE= PROTON RESONANT AND DIRECT CAPTURE ON 28SI
REF=NP/A324(1979)1
<<<<D193>>>>
AUTH=(C.W.CHENG,J.D.KING)
TITLE= CROSS SECTIONS FOR THE 42CA(P,GAMMA)43SC, 42CA(ALPHA,N)45TI AND 44CA(P,N)
44SC REACTIONS
REF=JP/G5(1979)1261
<<<<D194>>>>
AUTH=(S.R.KENNETT,Z.E.SWITKOWSKI,B.M.PAINE,D.G.SARGOOD)
TITLE= YIELD MEASUREMENTS IN THE REACTIONS 48CA(P,GAMMA)49SC AND 48CA(P,N)48SC
REF=JP/GJP/G5(1979)399
<<<<D196>>>>
AUTH=(B.ERLANDSSON,K.NILSON,A.MARCINKOWSKI)
TITLE= INVESTIGATION OF THE GAMMA-RAY STRENGTH FUNCTION IN 51V BY MEANS OF THE
AVERAGE RESONANCE METHOD
REF=NP/A329(1979)1
<<<<D197>>>>
AUTH=(I.FODOR,J.SZIKLAI,P.KLEINWEOCHTER,H.SCHOBBERT,F.HERRMA NN)
TITLE= FRAGMENTED G9/2 ISOBARIC ANALOGUE RESONANCES IN THE 52CR(P,GAMMA)53MN
REACTION
REF=JP/G5(1979)1267
<<<<D198>>>>
AUTH=(H.SAKAI,K.HOSONO,N.MATSUOKA,S.NAGAMACHI,K.OKADA,K.MAEDA,H.SHIMIZU)
TITLE= ANALYZING POWERS OF CONTINUUM SPECTRA OF REACTIONS 28SI,58NI,209BI(P,P,X)
AND (P,D,X) AT 65MEV.
REF=PRL44(1980)1193
<<<<D200>>>>
AUTH=(S.TANAKA,N.FUJIWARA,K.FUKUNAGA,T.HIGO,T.OHSAWA,A.OKIHANA,T.SEKIOKA,T.MIYAN
AGA,T.YANABU,H.NAKAMURA-YOKOTA)
TITLE= CONTINUUM ENERGY SPECTRA OF 3HE SCATTERED BY 3HE AT 130 MEV
REF=NP/A341(1980)199
<<<<D201>>>>
AUTH=(R.WADA,T.MURAKAMI,E.TAKADA,M.FUKUDA,K.TAKIMOTO)
TITLE= SPIN ASSIGNMENTS FOR RESONANT STRUCTURES IN THE 12C+12C SYSTEM THROUGH

THE REACTION $^{12}\text{C}(^{12}\text{C},^{16}\text{O})^{8}\text{Be}$ AT E-CM=6-11MEV
 REF=PR/C22(1980)557
 <<<<D202>>>>
 AUTH=(R. J. WILKINSON, S. R. KENNETT, Z. E. SWITKOWSKI, D. G. SARGOOD, F. M. MANN)
 TITLE= CROSS SECTION MEASUREMENTS IN THE $^{54}\text{Cr}(p, \gamma)^{55}\text{Mn}$ REACTION
 REF=AUJ32(1979)335
 <<<<D203>>>>
 AUTH=(G. VOURVOPOULOS, T. PARADELLIS, G. BERGDOLT, G. J. COSTA, F. DIE Z)
 TITLE= FRAGMENTATION OF A PREVIOUSLY REPORTED G9/2 ANALOG STATE IN ^{63}Cu
 REF=PR/C19(1979)38
 <<<<D204>>>>
 AUTH=(C. RANGACHARYULU, I. M. SZOGHY, C. ST-PIERRE, K. RAMAVATARAM)
 TITLE= GAMMA DECAY OF G9/2 ISOBARIC RESONANCE IN ^{57}Co
 REF=PR/C19(1979)1762
 <<<<D205>>>>
 AUTH=(E. ARAI, T. TAKAHASHI, J. KATO)
 TITLE= HIGH RESOLUTION MEASUREMENTS OF ANALOGUE STATES IN ^{55}Co
 REF=NP/A324(1979)63
 <<<<D206>>>>
 AUTH=(G. SZEFLINSKI, Z. SZEFLINSKI, Z. WILHELMI)
 TITLE= GAMMA-RAY STRENGTH FUNCTIONS FOR A=70-90 NUCLEI
 REF=NP/A323(1979)253
 <<<<D208>>>>
 AUTH=(F. RIGAUD, G. Y. PETIT, J. DALMAS, J. L. IRIGARAY, M. SUFFERT, F. SAPORETTI, G. LONGO, R. G
 UIDOTTI)
 TITLE= DIFFERENTIAL CROSS SECTION FOR RADIATIVE CAPTURE OF ENERGETIC PROTONS BY
 ^{110}Cd AND ^{115}In
 REF=NP/A326(1979)26
 <<<<D209>>>>
 AUTH=(D. E. MIRACLE, B. D. KERN)
 TITLE= MULTIPOLARITIES OF GAMMA-RAYS FROM $^{92,94}\text{Nb}$ AND $^{94,95,96,97,98}\text{Tc}$
 REF=NP/A320(1979)353
 <<<<D210>>>>
 AUTH=(C. RANGACHARYULU, I. M. SZOEGHY, C. ST-PIERRE, K. RAMAVATARAM)
 TITLE= G9/2 ISOBARIC ANALOGUE RESONANCES IN $^{64,66}\text{Zn}(p, \gamma)$ REACTIONS
 REF=CJP57(1979)733
 <<<<D212>>>>
 AUTH=(Z. E. SWITKOWSKI, J. C. P. HEGGIE, F. M. MANN)
 TITLE= THRESHOLD EFFECTS IN PROTON-INDUCED REACTIONS ON COPPER
 REF=AUJ31(1978)253
 <<<<D213>>>>
 AUTH=(B. HOEISTAD, S. DAHLGREN, T. JOHANSSON, O. JONSSON)
 TITLE= EXPERIMENTAL AND THEORETICAL STUDIES OF POSITIVE PION PRODUCTION ON ^{10}B
 AND ^{40}Ca BY 163-186 MEV PROTONS
 REF=NP/A319(1979)409
 <<<<D214>>>>
 AUTH=(P. WALDEN, D. OTTEWELL, E. L. MATHIE, T. MASTERSON, G. JONES, R. R. JOHNSON, A. HAYNES, E.
 G. AULD)
 TITLE= THE $p+p \rightarrow d+\pi+$ REACTION WITH A POLARISED PROTON BEAM
 REF=PL/B81(1979)156
 <<<<D215>>>>
 AUTH=(B. HOEISTAD, T. JOHANSSON, O. JONSSON)
 TITLE= POSITIVE PION PRODUCTION ON ^{90}Zr AND ^{208}Pb BY 180 MEV PROTONS
 REF=PL79(1978)385
 <<<<D216>>>>
 AUTH=(K. TOYOSHIMA)
 TITLE= LEVELS IN ^{81}Kr POPULATED BY THE $^{81}\text{Br}(p, n, \gamma)$ REACTION
 REF=NP/A323(1979)61
 <<<<D217>>>>

AUTH=(R.R.DOERING,T.N.TADDEUCCI,A.GALONSKY,D.M.PATTERSON)
 TITLE= 14C(P,N)14N AND THE ISOVECTOR TENSOR COMPONENT OF THE EFFECTIVE TWO-
 NUCLEON INTERACTION
 REF=PR/C20(1979)1627
 <<<<D218>>>>

AUTH=(G.L.MOAKE,L.J.GUTAY,R.P.SCHARENBERG,P.T.DEBEVEC,P.AQUIN)
 TITLE= EXPERIMENTAL TEST OF ONE PION EXCHANGE AND PARTIAL CONSERVATION OF AXIAL
 -VECTOR CURRENT IN PROTON-NUCLEUS CHARGE-EXCHANGE REACTIONS AT 114MEV
 REF=PRL43(1979)910
 <<<<D219>>>>

AUTH=(P.H.PILE,R.D.BENT,R.E.POLLOCK,P.T.DEBEVEC,R.E.MARRS,M.C.GREEN,T.P.SJOREEN,
 F.SOGA)
 TITLE= ENERGY DEPENDENCE OF PION PRODUCTION BY PROTONS ON NUCLEI
 REF=PRL42(1979)1461
 <<<<D220>>>>

AUTH=(M.DIKSIC,J.L.GALINIER,H.MARSHALL,L.YAFFE)
 TITLE= 79BR AND 81BR(P,XN) AND (P,PXN) EXCITATION FUNCTION IN THE ENERGY RANGE
 10-85 MEV
 REF=PR/C19(1979)1753
 <<<<D221>>>>

AUTH=(J.D.KING,C.W.CHENG)
 TITLE= CROSS SECTIONS FOR THE 26MG(P,N)26AL(GROUND,7.3E+5 YEAR) AND 26MG(P,N)26
 AL(METASTABLE,6.35 SEC) REACTIONS
 REF=CJP57(1979)286
 <<<<D222>>>>

AUTH=(K.P.JACKSON,R.E.AZUMA,I.BERKA,T.FAESTERMANN,J.S.GEIGER,J.C.HARDY,H.SCHMEI
 NG)
 TITLE= THE WEAK NEUTRAL CURRENT : SEARCH FOR A 0- ISOMER IN 42SC AND 46V
 REF=CJP57(1979)411
 <<<<D223>>>>

AUTH=(D.J.BEALE,A.R.POLETTI,J.R.SOUTHON)
 TITLE= GAMMA-RAY STUDIES USING A SOLID ARGON TARGET : PROPERTIES OF STATES IN 40
 K AND 40AR
 REF=AUJ32(1979)195
 <<<<D224>>>>

AUTH=(S.K.BASU,A.P.PATRO,S.BRANT,V.PAAR)
 TITLE= MEAN LIFETIMES OF 85SR LEVELS
 REF=JP/G5(1979)585
 <<<<D226>>>>

AUTH=(C.A.GOULDING,M.B.GREENFIELD,C.C.FOSTER,T.E.WARD,J.RAPAPORT,D.E.BAINUM,C.D.
 GOODMAN)
 TITLE= COMPARISON OF THE 12C(P,N)12N AND 12C(P,P) REACTIONS AT E(P)=62 AND 120
 MEV
 REF=NP/A331(1979)29
 <<<<D227>>>>

AUTH=(D.S.FLYNN,R.L.HERSHBERGER,F.GABBARD)
 TITLE= SUB-COULOMB PROTON ABSORPTION FOR ISOTOPES OF ZIRCONIUM AND MOLYBDENUM
 REF=PR/C20(1979)1700
 <<<<D228>>>>

AUTH=(K.H.MURTAZAEV,V.S.NADEZHIN,V.I.SATAROV)
 TITLE= ASYMMETRY IN ELASTIC SCATTERING OF PROTONS BY DEUTERONS AT 630 MEV
 REF=X27(1978)336
 <<<<D229>>>>

AUTH=(G.G.BEZNOKIKH,V.A.BUDILOV,P.DEVENSKI,V.I.INOZEMTSEV,L.F.KIRILLOVA,N.K.ZHID
 KOV,V.A.NIKITIN,P.V.NOMOKONOV,V.SKVERES,V.I.KHACHKO,M.G.SHAFRANOVA,A.BUJAK,P.ZEL
 INSKI,M.SZAWLOWSKI,T.SZCZEPANKOWSKI,V.V.AVDEICHIKOV)
 TITLE= ELASTIC SMALL-ANGLE HE-P SCATTERING IN THE ENERGY INTERVAL 1.75-4.13 GEV/
 NUCLEON
 REF=SNP27(1978)380

<<<<D230>>>>

AUTH=(N.S.BIRYUKOV,B.V.ZHURAVLEV,N.V.KORNILOV,A.P.RUDENKO,O.A.SALNIKOV,V.I.TRYKOV
VA)
TITLE= NEUTRON SPECTRA AND ANGULAR DISTRIBUTIONS FROM THE REACTIONS 181TA(P,N)
181W AND 181TA(N,N)181TA
REF=SNP26(1978)606

<<<<D232>>>>

AUTH=(V.V.ZHURKIN,I.M.IVANCHENKO,V.P.KANAVETS,N.N.KARPENKO,A,N.K.ZHID,
I.I.LEVINTOV,V.I.MARTYNOV,O.E.MIKHAILOV,B.V.MOROZOV,V.M.NESTEROV,UJAK,P.ZEL,
I.I.PERSHIN,L.M.POLYAKOVA,V.V.RYL'TSOV,T.S.CHERKALINA)
TITLE= MEASUREMENT OF POLARIZATION IN ELASTIC P-P SCATTERING AT 2.1-4.13 GEV/C
IN THE REGION OF SMALL MOMENTUM TRANSFERS
REF=SNP28(1978)660

<<<<D233>>>>

AUTH=(R.BOEHM,W.ENGEL,S.HOTH,W.KLINGER,W.SANDNER,W.WITTHUHN)
TITLE= THE MAGNETIC MOMENT OF THE FIRST EXCITED STATE IN 138LA
REF=ZP/A291(1979)49

<<<<D234>>>>

AUTH=(W.KLINGER,R.BOHM,W.ENGEL,W.SANDNER,R.SEEBOCK,W.WITTHUHN)
TITLE= MAGNETIC MOMENTS OF THE 11/2- STATES IN 145,147,149EU AND PARAMAGNETISM
IN THE SYSTEM EUSM
REF=ZP/A290(1979)227

<<<<D238>>>>

AUTH=(H.R.WELLER,J.SZIICS,P.G.IKOSSI,J.A.KUEHNER,D.T.PETTY,R.G.SEYLER)
TITLE= ELASTIC SCATTERING OF POLARIZED PROTONS FROM 13C FOR 9.1< E <18.4MEV
REF=PR/C18(1978)1120

<<<<D239>>>>

AUTH=(G.SZALOKY,F.SEILER,W.GRUEBLER,V.KOENIG)
TITLE= ANALYZING POWER OF 3HE(P,P)3HE ELASTIC SCATTERING BETWEEN 2.3 AND 8.8 MEV
REF=NP/A303(1978)51

<<<<D240>>>>

AUTH=(W.GRUEBLER,V.KOENIG,P.A.SCHELZBACH,B.JENNY,H.R.BUERGI,P.DOLESCHALL,G.HEID
ENREICH,H.ROSER,F.SEILER,W.REICHART)
TITLE= PROTON-DEUTERON ELASTIC SCATTERING
REF=PL/B74(1978)173

<<<<D241>>>>

AUTH=(G.W.HOFFMAN,G.S.BLANPIED,W.R.COKER,R.P.LILJESTRAND,N.M.HINTZ,M.A.OOHOUDT,
T.S.BAUER,G.IGO,G.PAULETTA,J.SOUKUP,C.A.WHITTEN JR.,D.MADLAND,J.C.PRATT,L.RAY,J.
E.S.PENCER,H.A.THIESSEN,H.NANN,K.K.SETH,C.GLASHAUSSER,D.K.MCDANIELS,J.TINSLEY,P
TITLE= ANALYZING POWER IN PROTON-NUCLEUS ELASTIC SCATTERING AT 0.8GEV
REF=PRL40(1978)1256

<<<<D242>>>>

AUTH=(H.R.WELLER,J.SZUECS,P.G.IKOSSI,J.A.KUEHNER,D.T.PETTY,R.G.SEYLER)
TITLE= ELASTIC SCATTERING OF POLARIZED PROTONS FROM 13C FOR 9.1< E <18.4MEV
REF=PR/C18(1978)1120

<<<<D243>>>>

AUTH=(SYOHEI KATO,KENJI OKADA,MICHIYA KONDO,AKIRA SHIMIZU,KA ZUHIKO HOSONO,TAKAN
E SAITO,NOBUYUKI MATSUOKA,SHINJI NAGAMACHI,KEIGO NISIMURA,NORIO TAMURA,KENICHI I
MAI,KAZUMI EGAWA,MA SANOBU NAKAMURA,TETSUO NORO,HAJIME SHIMIZU,KOUYA OGINO,YASA
TITLE= POLARIZATION MEASUREMENTS FOR P-12C ELASTIC SCATTERING BETWEEN 40-75 MEV
REF=NIM169(1980)589

<<<<D244>>>>

AUTH=(SYOHEI KATO,KENJI OKADA)
TITLE= SPECTROSCOPIC FACTORS OF PARTICLE-HOLE STATES IN 28SI
REF=JPJ50(1981)1440-

<<<<D245>>>>

AUTH=(Y.TAGISHI,K.KATORI,M.SASAGASE,M.SATO,T.MIKUMO)
TITLE= ANALYZING POWERS FOR THE (P,ALPHA) REACTIONS ON 58,60,62NI AT EP=22 MEV
REF=NP/A339(1980)262-2

<<<<D250>>>>
AUTH=(J.KAELLNE,D.A.HUTCHEON,W.J.MCDONALD,A.N.ANDERSON,J.L.B.EVERIDGE,J.ROGERS)
TITLE= ENERGY DEPENDENCE OF 4HE(P,D)3HE
REF=PRL41(1978)1638

<<<<D252>>>>
AUTH=(C.H.THOMANN,J.E.BENN,S.MU)
TITLE= PROTON-PROTON SCATERING FROM 0.35 TO 1.0 MEV
REF=NP/A303(1978)457

<<<<D253>>>>
AUTH=(A.M.LANE,T.R.DITTRICH,G.E.MITCHELL,E.G.BILPUCH)
TITLE= NEW PROBE OF LINE BROADENING WITH RESOLVABLE FINE STRUCTURE: THE " OFF-DIAGONAL STRENGTH FUNCTION"
REF=PRL41(1978)454

<<<<D254>>>>
AUTH=(T.NORO,K.HATANAKA,M.NAKAMURA,S.KOBAYASHI)
TITLE= THE BREAK-UP OF THE VECTOR POLARIZED DEUTERONS ON 4HE
REF=77TOKYO1977()

<<<<D255>>>>
AUTH=(K.MIURA,Y.HIRATATE,T.SHOJI,T.SUEHIRO,H.OHNUMA)
TITLE= THE 40AR(P,T)38AR REACTION AT 52MEV.
REF=NP/A334(1980)389

<<<<D256>>>>
AUTH=(G.S.BLANPIED,W.R.COKER,R.P.LILJESTRAND,G.W.HOFFMANN,L.RAY,D.MADLAND,C.L.MORRIS,J.C.PRATT,J.E.SPENCER,H.A. THIESSEN,T.KOZLOWSKI,N.M.HINTZ,G.S.KYLE,M.A.OOTH OUDT,T.S.BAUER,G.IGO,R.J.RIDGE,C.A.WHITTEN JR.,P.M.LANG,H.NANN,K.K,SETH)
TITLE= PROTON ELASTIC AND INELASTIC SCATTERING AT 0.8 GEV FROM 12,13C AND 208PB
REF=PR/C18(1978)1436

<<<<D257>>>>
AUTH=(K.KWIATKOWSKI,N.S.WALL)
TITLE= ELASTIC SCATTERING OF 100MEV PROTONS AND SYSTEMATIC OPTICAL MODEL ANALYSIS
REF=NP/A301(1978)349

<<<<D258>>>>
AUTH=(M.L.MARSHAK,E.A.PETERSON,K.RUDDICK,J.LESIKAR,T.MULERA,J.ROBERTS,R.KLEM,R.T ALAGA,A.WRIEKAT)
TITLE= POLARIZATION IN ELASTIC P-P AND P-N SCATTERING AT 1.03GEV
REF=PR/C18(1978)331

<<<<D259>>>>
AUTH=(J.BERGER,J.DUFLO,L.GOLDZAHL,J.OOSTENS,F.PLOUIN,F.L. FABBRI,P.PICOZZA,L.SATTA,C.LE BRUN,D.LEGRAND)
TITLE= SHARP BACKWARD PEAK IN P-4HE ELASTIC SCATTERING AT 1.05GEV
REF=PRL41(1978)152

<<<<D260>>>>
AUTH=(G.H.TERRY,H.J.HAUSMAM,T.R.DONOGHUE,H.R.SUITER,P.H.WALL ACE)
TITLE= PROPERTIES OF THE INTERMEDIATE STRUCTURE IN 71AS
REF=PRL41(1978)934

<<<<D263>>>>
AUTH=(M.A.NASSER,M.M.GAZZALY,J.V.GEAGE,B.HOISTAD,G.IGO,J.B.MCCLELLAND,A.L.SAGLE,H.SPINKA,J.B.CARROLL,V.PEREZ-MENDEZ,E.T.B.WHIPPLE)
TITLE= P-4HE ELASTIC SCATTERING AT 2.68 GEV
REF=NP/A312(1978)209

<<<<D265>>>>
AUTH=(D.MULLER,R.BECKMANN,U.HOLM)
TITLE= ANALYZING POWER AND PHASE-SHIFT ANALYSIS OF 3HE(P,P)3HE BETWEEN 19 AND 30 MEV
REF=NP/A311(1978)1

<<<<D266>>>>
AUTH=(L.G.GREENIAUS,D.A.HUTCHEON,C.A.MILLER,G.A.MOSS,G.ROY,R.DUBOIS,C.AMSLER,B.K.S.KOENE,B.T.MURDOCH)

TITLE= MEASUREMENTS OF P-P AND P-4HE ANALYZING POWERS AT MEDIUM ENERGIES
 REF=NP/A322(1979)308
 <<<<D267>>>>

AUTH=(R.E.WHITE,W.GRUEBLER,B.JENNY,V.KONIG,P.A.SCHMELZBACH,H.R.BURGI)
 TITLE= ANALYZING POWER MEASUREMENTS IN DEUTRON-PROTON ELASTIC SCATTERING
 REF=NP/A321(1979)1
 <<<<D268>>>>

AUTH=(R.DETOMO JR.,H.W.CLARK,L.J.DRIES,J.L.REGNER,T.R.DONOGHUE)
 TITLE= ANALYZING POWER MEASUREMENTS FOR P-3HE ELASTIC SCATTERING FROM 1.75 TO
 4.50 MEV
 REF=NP/A313(1979)269
 <<<<D269>>>>

AUTH=(K.IMAI,K.HATANAKA,H.SHIMIZU,N.TAMURA,K.EGAWA,K.NISIMURA,T.SAITO,H.SATO,Y.W
 AKUTA)
 TITLE= POLARIZATION AND CROSS SECTION MEASUREMENTS FOR P-4HE ELASTIC SCATTERING
 AT 45,52,60 AND 65 MEV
 REF=NP/A325(1979)397
 <<<<D271>>>>

AUTH=(G.D.ALKHAZOV,S.L.BELOSTOTSKY,E.A.DAMASKINSKY,YU.V.DOTSENKO,O.A.DOMCHENKOV,
 N.P.KUROPATKIN,D.LEGRAND,V.N.NIKULIN,O.E.PROKOFEV,M.A.SHUVAEV,S.S.VOLKOV)
 TITLE= P-3HE ELASTIC SCATTERING AT 1 GEV
 REF=PL/B85(1979)43
 <<<<D272>>>>

AUTH=(C.WONG,V.R.BROWN,V.A.MADSEN,S.M.GRIMES)
 TITLE= (P,N) REACTION TO GROUND- AND EXCITED-STATE ANALOGS ON THE SAMALIUM
 ISOTOPES: IMPORTANCE OF TWO-PHONON COUPLING EFFECTS
 REF=PR/C20(1979)59
 <<<<D273>>>>

AUTH=(G.BITTNER,W.KRETSCHMER)
 TITLE= INVESTIGATION OF NONCENTRAL PROTON-PROTON INTERACTION AT LOW ENERGY
 REF=PRL43(1979)330
 <<<<D274>>>>

AUTH=(J.KAELLNE,P.C.GUGELOT)
 TITLE= PION EXCHANGE EFFECTS IN NUCLEAR REACTIONS AT LARGE MOMENTUM TRANSFERS
 REF=PR/C20(1979)1085
 <<<<D276>>>>

AUTH=(G.S.ADAMS,T.S.BAUER,G.IGO,G.PAULETTA,C.A.WHITTEN JR.,A.WRIEKAT,G.W.HOFFMAN
 N,G.R.SMITH,M.GAZZALY,L.RAY,W.G.LOVE,F.PETROVICH)
 TITLE= MICROSCOPIC DESCRIPTION OF 800-MEV POLARIZED-PROTON SCATTERING FROM 160
 REF=PRL43(1979)421
 <<<<D277>>>>

AUTH=(A.B.MCDONALD,E.D.EARLE,W.MCLATCHIE,H.B.MAK,D.J.MARTI N,P.G.IKOSSI)
 TITLE= ISOSPIN-FORBIDDEN PARTICLE DECAYS IN LIGHT NUCLEI (4) TOTAL WIDTH OF THE
 LOWEST T=2 LEVEL OF 24MG
 REF=NP/A305(1978)151
 <<<<D278>>>>

AUTH=(J.M.MOSS,W.D.CORNELIUS,D.R.BROWN)
 TITLE= RETARDED ISOSCALAR M2 STRENGTH OBSERVED IN THE REACTION 160(P-POL,P-POL)
 160(2-,8.88 MEV) AT E-P=40MEV
 REF=PRL41(1978)930
 <<<<D279>>>>

AUTH=(J.FONG,T.S.BAUER,G.J.IGO,G.PAULETTA,R.RIDGE,R.R.OLFE,J.SOUKUP,C.A.WHITTEN
 JR.,G.W.HOFFMANN,N.HINTZ,M.OOTHOUTD,G.BLANPIED,R.L.LILJESTRAND,T.KOZLOWSKI)
 TITLE= P-4HE ELASTIC SCATTERING AT 788 MEV
 REF=PL/B78(1978)205
 <<<<D280>>>>

AUTH=(A.INGEMARSSON,G.TIBELL)
 TITLE= ELASTIC AND INELASTIC PROTON SCATTERING FROM 89Y
 REF=NP/A305(1978)333

<<<<D281>>>>
AUTH=(C.R.WESTERFELD,G.E.MITCHELL,E.G.BILPUCH,D.A.OUTLAW)
TITLE= HIGH RESOLUTION STUDY OF THE 26MG(P,P) REACTION
REF=NP/A303(1978)111

<<<<D282>>>>
AUTH=(R.H.MCCAMIS,J.M.CAMERON,L.G.GREENIAUS,D.A.HUTCHEON,C .A.MILLER,G.A.MOSS,G.
ROY,M.S.DEJONG,B.T.MURDOCH,W.T.H.V ANOERS,J.G.ROGERS,A.W.STETZ)
TITLE= LARGE ANGLE CROSS SECTION AND ANALYZING POWER FOR PROTON-4HE ELASTIC
SCATTERING BETWEEN 185 AND 500 MEV
REF=NP/A302(1978)388

<<<<D283>>>>
AUTH=(R.DE SWINIARSKI,DINH-LIEN PHAM,G.BAGIEU)
TITLE= INELASTIC SCATTERING OF 40 MEV POLARIZED PROTONS EXCITING THE LOW-LYING
2+ STATES IN 90ZR AND 92ZR
REF=PL/B79(1978)47

<<<<D284>>>>
AUTH=(A.N.ANDERSON,J.M.CAMERON,D.A.HUTCHEON,J.KALLNE,B.K.S.KOENE,B.T.MURDOCH,W.T
.H.VAN OERS,A.W.STETZ)
TITLE= P(POL)+D BACKSCATTERING AT 316 AND 516 MEV
REF=PRL40(1978)1553

<<<<D285>>>>
AUTH=(N.L.BACH,M.P.BAKER,J.R.CRAMEER,T.A.TRAINOR)
TITLE= ANALYZING POWER OF 206PB(P,P0) AND 207PB(P,P0) NEAR THE 3P1/2 ISOBARIC
ANALOG RESONANCE
REF=PR/C17(1978)2053

<<<<D286>>>>
AUTH=(G.IGO,G.S.ADAMS,T.S.BAUER,G.PAULETTA,C.A.WHITTEN JR.,A.WREIKAT,G.W.HOFFMAN
N,G.S.BLANPIED,W.R.COKER,C.HARVEY,R.P.LILJESTRAND,L.RAY,J.E.SPENCER,H.A.THIESSEN
,C.GLASHAUSS ER,N.M.HINTZ,M.A.OOHOUDT,H.NANN,K.K.SETH,B.E.WOOD,D.K.MCDANIELS,M
TITLE= ELASTIC DIFFERENTIAL CROSS SECTIONS AND ANALYZING POWERS FOR P+40,42,44,
48CA AT 0.8 GEV
REF=PL/B81(1979)151

<<<<D288>>>>
AUTH=(P.W.F.ALONS,H.P.BLOK,J.F.A.VAN HIENEN)
TITLE= COUPLED-CHANNELS ANALYSIS OF PROTON INELASTIC SCATTERING FROM 26MG AT 24
MEV
REF=PL/B83(1979)34

<<<<D289>>>>
AUTH=(W.KRETSCHMER,H.LOH,K.SPITZER,W.STACH)
TITLE= VOLUME INTEGRALS FOR LOW-ENERGY P+208PB OPTICAL POTENTIALS
REF=PL/B87(1979)343

<<<<D290>>>>
AUTH=(G.W.HOFFMANN,G.S.BLANPIED,W.R.COKER,C.HARVEY,R.P.LILJESTRAND,G.S.ADAMS,T.S
.BAUER,G.IGO,G.PAULETTA,C.A.WHITTEN JR.,A.WREIKAT,L.RAY,J.E.SPENCER,H.A.THIESSEN
,H.NANN,K.K.SETH,N.M.HINTZ,G.KYLE,M.A.OOHOUDT,B.E.WOOD,D.K.MCDANIELS,C.GLASHAUSS
TITLE= ELASTIC DIFFERENTIAL CROSS SECTIONS AND ANALYZING POWERS FOR P + 54FE, 58
,64NI AT 800 MEV
REF=PL/B79(1978)376

<<<<D291>>>>
AUTH=(R.DE SWINIARSKI,DINH-LIEN PHAM,G.BAGIEU,H.V.GERAMB)
TITLE= ELASTIC AND INELASTIC SCATTERING OF 40 MEV POLARIZED PROTONS FROM 90ZR
AND 92ZR.
REF=CJP57(1979)540

<<<<D293>>>>
AUTH=(Y.RIHET,G.COSTA,C.GERARDIN,R.SELTZ)
TITLE= GAMMA-RAY EXCITATION CURVES FROM 10B(P,ALPHA,GAMMA)7BE AND 10B(P,P,GAMMA)
10B REACTIONS
REF=PR/C20(1979)1583

<<<<D295>>>>

AUTH=(G.E.MITCHELL,T.R.KITTEICH,E.G.BILPUCH)
 TITLE= STUDY OF INELASTIC PROTON AMPLITUDES FOR A FRAGMENTED ANALOGUE STATE IN 45SC
 REF=ZP/A289(1979)211
 <<<<D296>>>>

AUTH=(S.E.DARDEN,J.L.FOSTER)
 TITLE= SPIN OF THE 14.174 MEV T=3/2 LEVEL IN 17F
 REF=PR/C19(1979)2396
 <<<<D299>>>>

AUTH=(J.S.BLAIR,P.DYER,K.A.SNOVER,T.A.TRAINOR)
 TITLE= NUCLEAR 'TIME-DELAY' AND X-RAY-PROTON COINCIDENCES NEAR A NUCLEAR SCATTERING RESONANCES
 REF=PRL41(1978)1712
 <<<<D302>>>>

AUTH=(Y.AOKI,K.NAGANO,S.KUNORI,K.YAGI)
 TITLE= COMPETITION OF TWO-STEP PROCESS WITH SPIN-DEPENDENT INTERACTION IN THE 14 N(P,P)14N(2.31MEV) REACTION AT E(P)=21.0MEV
 REF=JPJ47(1979)329
 <<<<D303>>>>

AUTH=(J.R.CHANDLER,G.E.MITCHELL,E.G.BILPUCH)
 TITLE= PHASE RELATION FOR A COMMON DOORWAY STATE IN 47V
 REF=PR/C20(1979)52
 <<<<D305>>>>

AUTH=(VAN SYN CHAN,K.A.GRIDNEV,YU.V.KANGROPOL,M.MADEA,G.M.OSETINSKII)
 TITLE= SPIN FLIP IN THE REACTION 28SI(P,P,GAMMA)28SI IN THE ENERGY INTERVAL 3.50 -3.80 MEV
 REF=SNP27(1978)324
 <<<<D308>>>>

AUTH=(J.KAELLNE,A.W.STETZ,R.M.WOLOSHYN)
 TITLE= ANALYZING POWER OF INCLUSIVE NUCLEAR REACTIONS
 REF=PL/B74(1978)170
 <<<<D309>>>>

AUTH=(S.FRANKEL,W.FRATI,M.GAZZALY,G.W.HOFFMANN,O.VAN DYCK,R.M.WOLOSHYN)
 TITLE= ANALYZING POWER IN INCLUSIVE PROTON-NUCLEUS CROSS SECTIONS
 REF=PRL41(1978)148
 <<<<D310>>>>

AUTH=(R.RUSACK,D.GARBUTT,I.SIOTIS,D.GROSS,D.NITZ,S.L.OLSE N,G.WARREN,K.ABE,R.BOMBEROWITZ,,F.SANNES,J.TORTORA)
 TITLE= PROTON-PROTON ELASTIC SCATTERING FROM 30 TO 250 GEV/C
 REF=PRL41(1978)1632
 <<<<D311>>>>

AUTH=(M.CENJA,M.DUMA,C.HATEGAN,M.TANASE)
 TITLE= THE (P,N) THRESHOLD ANOMALY IN PROTON ELASTIC SCATTERING ON 23NA,27AL,31P,35CL AND 34S
 REF=NP/A307(1978)65
 <<<<D312>>>>

AUTH=(A.HOUDAYER,N.E.DAVISON,S.A.ELBAKR,A.M.SOURKES,W.T.H.VAN OERS,A.D.BACHER)
 TITLE= CROSS-SECTION MEASUREMENTS AND PHASE SHIFT ANALYSIS OF P-4HE ELASTIC SCATTERING IN THE ENERGY RANGE 20-55 MEV
 REF=PR/C18(1978)1985
 <<<<D313>>>>

AUTH=(JEN-CHANG CHOU,CHEN-MING FOU,CHIA-SHOU LIN,PING-SHEN SONG,MING WEN,YUEN-CHUNG LIU)
 TITLE= INVESTIGATION OF 9B AND 9BE LEVELS IN A KINEMATICALLY COMPLETE 9BE(P,P,N) 8BE EXPERIMENT
 REF=JPJ44(1978)1
 <<<<D314>>>>

AUTH=(A.D.FRAWLEY,G.M.CRAWLEY,C.L.HOLLAS)
 TITLE= FLUCTUATIONS IN INELASTIC PROTON SCATTERING FROM 58NI IN THE ENERGY RANGE

17.1 TO 20.6 MEV
REF=ZP/A286(1978)307
<<<<D315>>>>
AUTH=(A.BERINDE,G.VLADUCA,V.ZORAN,C.DEBERTH,N.SCINTEI,I.NEAMU,I.DAVID,R.O.DUMITR
U)
TITLE= STUDY OF ISOBARIC ANALOGUE RESONANCES IN 65CU BY PROTON SCATTERING FROM
64NI
REF=ZP/A287(1978)229
<<<<D316>>>>
AUTH=(P.CUZZOCREA,A.DE ROSA,G.INGLIMA,E.PERILLO,E.ROSATO,M.SANDORI,G.SPADACCINI)
TITLE= INVESTIGATION ON THE DISCREPANCIES FROM OM PREDICTIONS IN THE ELASTIC
SCATTERING OF PROTONS BY 12C AND 16O
REF=NCL22(1978)257
<<<<D317>>>>
AUTH=(W.KRETSCHMER,M.WANGLER)
TITLE= MODEL-INDEPENDENT DETERMINATION OF THE COMPOUND-ELASTIC ENHANCEMENT FACT
OR IN A POLARIZED-PROTON FLUCTUATION EXPERIMENT
REF=PRL41(1978)1224
<<<<D318>>>>
AUTH=(J.YONNET,M.LOUVEL,C.LEBRUN,G.ROCHE,G.LANDAUD,A.DEVAUX,J.CASTOR,A.BALDIT,J.
P.ALARD)
TITLE= MULTINUCLEON REMOVAL IN A QUASIFREE PROCESS WITH A P-GAMMA COINCIDENCE
EXPERIMENT AT 400 MEV
REF=40(1978)164
<<<<D319>>>>
AUTH=(J.C.SENS,S.M.REFAEI,A.PAPE)
TITLE= SEARCH FOR SIMPLE CONFIGURATIONS IN 18F. 2. THE 170(P,ALPHA)14N, 170(P,P,
GAMMA)170 AND 170(P,GAMMA)18F REACTIONS
REF=PR/C18(1978)2007
<<<<D320>>>>
AUTH=(N.SEKINE,T.TOHEI,T.NAKAGAWA,Y.ISHIZAKI)
TITLE= EFFECTS OF INELASTIC MULTISTEP PROCESSES ON (P,T) REACTIONS IN A
TRANSITION REGION BETWEEN RARE-EARTH NUCLEI AND DOUBLE-MAGIC 208PB
REF=NP/A346(1980)329-3
<<<<D322>>>>
AUTH=(K.ISAGAWA,K.NAKAYAMA,Y.ODA)
TITLE= ISOBARIC ANALOGUE RESONANCES IN 27AL STUDIED WITH THE 26MG(P,P) AND 26MG
(P,GAMMA) REACTIONS
REF=JPJ48(1980)1804
<<<<D323>>>>
AUTH=(JONATHAN R.RADIN,ELIE GRADSZTAJN,ALAN R.SMITH)
TITLE= 7BE PRODUCTION CROSS SECTIONS IN N,C,11B,AND 10B WITH 740 MEV PROTONS
REF=PR/C20(1979)787
<<<<D325>>>>
AUTH=(T.J.KETEL,E.A.Z.M.VERVAET,H.VERHEUL)
TITLE= HALF-LIFE, G-FACTOR AND RELAXATION OF THE NUCLEAR ORIENTATION OF THE ISO
MERIC 11/2- STATE IN 139PR
REF=ZP/A291(1979)319
<<<<D326>>>>
AUTH=(S.REGNIER)
TITLE= PRODUCTION OF ARGON ISOTOPES BY SPALLATION OF SC, TI, FE, CO, NI, AND CU
REF=PR/C20(1979)1517
<<<<D327>>>>
AUTH=(N.T.PORILE,S.PANDIAN,H.KLONK,C.R.RUDY,E.P.STEINBERG)
TITLE= DIFFERENTIAL RANGES AND ANGULAR DISTRIBUTIONS OF BA FRAGMENTS FROM THE
INTERACTION OF 238U WITH 11.5-GEV PROTONS
REF=PR/C19(1979)1832
<<<<D329>>>>
AUTH=(S.BISWAS,N.T.PORILE)

TITLE= FORMATION OF ISOBARIC NUCLIDES WITH A=131 IN THE INTERACTION OF 238U WITH
 0.8-11.5 GEV
 REF=PR/C20(1979)1467
 <<<<D333>>>>

AUTH=(H. GUYER, V. MEYER, H. H. MUELLER, W. REICHA RT, P. SCHOBERT, H. JASICEK, H. OBERHUMMER, P.
 .RIEHS, R. WAGNER, W. PFEIFER)
 TITLE= A MICROSCOPIC ANALYSIS OF THE LOW LYING LEVELS IN 86SR WITH THE REACTION
 89Y(P, ALPHA)86SR
 REF=X51(1978)97
 <<<<D334>>>>

AUTH=(D. W. DEVINS, D. L. FRIESEL, W. P. JONES, A. C. ATTARD, I. D. SVALBE, V. C. OFFICER, R. S. HEN
 DERSON, B. M. SPICER, G. G. SHUTE)
 TITLE= THE 12C(P, 2P)11B REACTION AT 100 MEV
 REF=AUJ32(1979)323
 <<<<D335>>>>

AUTH=(K. AMOS, I. MORRISON)
 TITLE= ANALYSES OF INELASTIC PROTON AND ELECTRON SCATTERING TO THE 2+(4.43MEV)
 STATE IN 12C
 REF=PR/C1979(19)2108
 <<<<D336>>>>

AUTH=(R. S. HENDERSON, B. M. SPICER, I. D. SVALBE, V. C. OFFICER, G. G. SHUTE, D. W. DEVINS, D. L. F
 RIESEL, W. P. JONES, A. C. ATTARD)
 TITLE= 4-PARTICLE-HOLE STATES IN 16O
 REF=AUJ32(1979)411
 <<<<D337>>>>

AUTH=(N. T. PORILE, D. R. FORTNEY, S. PANDIAN, R. A. JOHNS, T. KAISER, K. WIELGOZ, T. S. K. CHANG,
 N. SUGARMAN, J. A. URBON, D. J. HENDERSON, S. B. KAUFMAN, E. P. STEINBERG)
 TITLE= UNUSUAL BACKWARD ENHANCEMENT IN THE ANGULAR DISTRIBUTION OF PRODUCTS FROM
 THE INTERACTION OF 238U WITH 400-GEV PROTONS
 REF=PRL43(1979)918
 <<<<D338>>>>

AUTH=(B. D. WILKINS, S. B. KAUFMAN, E. P. STEINBERG, J. A. URBON, D. J. HENDERSON)
 TITLE= EVIDENCE FOR A NEW REACTION MECHANISM IN THE BOMBARDMENT OF 238V WITH 11
 .5-GEV PROTONS
 REF=PRL43(1979)1080
 <<<<D339>>>>

AUTH=(L. W. J. WILD, B. M. SPICER)
 TITLE= PARTIAL WAVE ANALYSIS OF THE 18O(P, ALPHA)15N REACTION
 REF=AUJ32(1979)187
 <<<<D341>>>>

AUTH=(Z. LEWANDOWSKI, E. LOEFFLER, R. WAGNER, H. H. MUELLER, W. REICHA RT, P. SCHOBERT, H. JASI
 CEK, P. RIEHS)
 TITLE= PREEQUILIBRIUM ALPHA-EMISSION IN THE 197AU(P, ALPHA, X)-REACTION AT EP=72
 MEV
 REF=PL/B80(1979)350
 <<<<D347>>>>

AUTH=(B. D. WILKINS, E. P. STEINBERG, S. B. KAUFMAN)
 TITLE= ENERGY AND ANGULAR CORRELATION OF HE IONS AND HEAVY FRAGMENTS IN 11.5 GEV
 PROTON BOMBARDMENT OF URANIUM
 REF=PR/C19(1979)856
 <<<<D348>>>>

AUTH=(B. D. ANDERSON, P. R. BEVINGTON, F. H. CVERNA, M. W. MCNAUGHTON, H. B. WILLARD, R. J. BARRE
 TT, N. S. P. KING, D. J. ERNST)
 TITLE= PROTON TOTAL REACTION CROSS SECTION MEASUREMENTS FOR 40, 44, 48CA AT 700
 MEV
 REF=PR/C19(1979)905
 <<<<D350>>>>

AUTH=(A. INGEMARSSON, O. JONSSON, A. HALLGREN)
 TITLE= ELASTIC AND INELASTIC SCATTERING OF 185 MEV PROTONS FROM 12C

REF=NP/A319(1979)377
 <<<<D351>>>>
 AUTH=(E.NAVON,A.MARINOV,I.LICHTENSTADT,CH.DRORY,R.BENIN,A.KNOLL,J.BURDE,M.PAUL)
 TITLE= STUDY OF ISOBARIC ANALOGUE STATES IN 49SC AND CORE EXCITED STATES IN 49CA
 REF=NP/A329(1979)127
 <<<<D352>>>>
 AUTH=(H.IKEGAMI,T.YAMAZAKI,S.MORINOBU,I.KATAYAMA,M.FUJIWARA,Y.FUJITA,H.TAKETANI,
 M.ADACHI,T.MATSUZAKI,K.KOORI,M.MATOBATA)
 TITLE= SYSTEMATIC OBSERVATION OF FINE STRUCTURE OF THE HOLE-STATE ANALOGUES IN
 NI ISOTOPES
 REF=NP/A329(1979)84
 <<<<D353>>>>
 AUTH=(N.YOSHIKAWA,Y.SHIDA,O.HASHIMOTO,M.SAKAI,T.NUMAO)
 TITLE= LEVELS IN 74SE, 78,80KR AND 84SR AND SYSTEMATICS OF QUASI-GAMMA BANDS
 REF=NP/A327(1979)477
 <<<<D356>>>>
 AUTH=(G.MURILLO,M.FERNANDEZ,P.PEREZ,J.RAMIREZ,S.E.DARDEN,M.C.COBIAN-ROZAK,L.MONT
 ESTRUQUE)
 TITLE= 180(P,P)180 AND 180(P,P)180* FOR E=6.1-16.6 MEV
 REF=NP/A318(1979)352
 <<<<D357>>>>
 AUTH=(W.M.GIBSON,M.MARUYAMA,Y.HASHIMOTO,E.P.KANTER,G.M.TEMMER,R.J.KEDDY,D.W.MING
 AY,J.P.F.SELLSCHOP)
 TITLE= APPLICATION OF THE CRYSTAL BLOCKING TECHNIQUE TO THE STUDY OF THE HIGHLY
 EXCITED NUCLEAR CONTINUUM
 REF=NP/A317(1979)313
 <<<<D358>>>>
 AUTH=(E.J.KAPTEIN,H.P.BLOK,J.BLOK)
 TITLE= HIGH RESOLUTION INVESTIGATION OF THE 87SR(P,P) REACTION
 REF=NP/A312(1978)97
 <<<<D359>>>>
 AUTH=(G.LATZEL,H.PAETZ GEN.SCHIECK)
 TITLE= STUDY OF ISOBARIC ANALOG RESONANCES IN THE ELASTIC AND INELASTIC SCATTER
 ING OF POLARIZED PROTONS FROM 207PB IN THE ENERGY RANGE 13.5-18 MEV
 REF=NP/A323(1979)413
 <<<<D362>>>>
 AUTH=(H.LORENZ-WIRZBA,P.SCHMALBROCK,H.P.TRAUTVETTER,M.WIESCHER,C.ROLFS,W.S.RODNE
 Y)
 TITLE= THE 180(P,ALPHA)15N REACTION AT STELLAR ENERGIES
 REF=NP/A313(1979)346
 <<<<D366>>>>
 AUTH=(D.ALBRECHT,J.ERO,Z.FODOR,I.HERNYES,HONG SUNG MU,B.A.KHOMENKO,
 N.N.KHOVANSKIY,P.KONCZ,Z.V.KRUMSTEIN,YU.P.MEREKOV,V.I.PETRUKHIN,
 Z.SERES)
 TITLE= INVESTIGATION OF THE (P,N,D) REACTION ON 6LI AND 7LI AT 670 MEV
 REF=NP/A322(1979)512
 <<<<D368>>>>
 AUTH=(H.DRILLER,E.BLANKE,H.GENZ,A.RICHTER,G.SCHRIEDER,J.M.PEARSON)
 TITLE= TEST OF DETAILED BALANCE AT ISOLATED RESONANCES IN THE
 REACTIONS 27AL+P--> <-- 24MG+ALPHA AND TIME REVERSIBILITY
 REF=NP/A317(1979)300
 <<<<D369>>>>
 AUTH=(P.MARTIN,Y.GAILLARD,P.DE SAINTIGNON,G.PERRIN,J.CHAUVIN,G.DUHAMEL,J.M.LOISE
 AUX)
 TITLE= EXCITATION OF LOW-LYING LEVELS AND GIANT RESONANCES IN 90ZR VIA 57.5 MEV
 POLARIZED PROTON TNELASTIC SCATTERING
 REF=NP/A315(1979)291
 <<<<D372>>>>
 AUTH=(N.SAKAMOTO,S.MATSUKI,K.OGINO,Y.KADOTA,T.TANABE,Y.OK UMA)

TITLE= THE SECOND 2+ AND FIRST 4+ STATES OF THE EVEN ISOTOPES 78-86KR EXCITED IN
 THE INELASTIC SCATTERING OF 51.9 MEV PROTONS
 REF=PL/B83(1979)39
 <<<<D373>>>>

AUTH=(S. SCHNEIDER, W. EYRICH, A. HOFMANN, U. SCHEIB, F. VOGLER)
 TITLE= THE INFLUENCE OF DEFORMATIONS OF THE OPTICAL POTENTIAL ON ANALYZING POWER
 AND P(1)-GAMMA ANGULAR CORRELATION IN THE REACTION 114CD(P,P)
 REF=PL/B80(1979)180
 <<<<D375>>>>

AUTH=(T. TAGISHI, K. KATORI, M. SASAGASE, M. SATO, T. MIKUMO)
 TITLE= ANALYZING POWER IN (P, ALPHA) L=0 TRANSFER REACTIONS
 REF=PL/B82(1979)353
 <<<<D376>>>>

AUTH=(R. T. KOUZES, P. KUTT, D. MUELLER, R. SHERR)
 TITLE= EXPERIMENTAL DISPLACEMENT ENERGIES OF ISOBARIC ANALOG STATES IN THE 1F7/2
 SHELL
 REF=NP/A309(1978)329
 <<<<D377>>>>

AUTH=(E. KUHLMANN, F. BOERCHERS, H. DE JONG, J. KRUG)
 TITLE= INTERMEDIATE STRUCTURE EFFECTS IN THE REACTION 23NA(P, ALPHA)20NE
 REF=NP/A318(1979)125
 <<<<D379>>>>

AUTH=(T. SHINOZUKA, Y. TANAKA, K. SUGIYAM)
 TITLE= ABSOLUTE CROSS SECTIONS FOR THE 6LI(P, 3HE)4HE REACTION AT ENERGIES BELOW
 1 MEV
 REF=NP/A326(1979)47
 <<<<D381>>>>

AUTH=(S. ROEHL, S. HOPPENAU, M. DOST)
 TITLE= NUCLEAR LIFETIMES NEAR 10.E-17S FROM X-RAY SPECTRUM IN INELASTIC PROTON
 SCATTERING ON 112SN
 REF=PRL43(1979)1300
 <<<<D382>>>>

AUTH=(M. A. M. SHAHABUDDIN, J. C. WADDINGTON)
 TITLE= POSSIBLE STRUCTURE DEPENDENCE IN THE 30SI(P, ALPHA)27AL REACTION
 REF=CJP57(1979)1949
 <<<<D383>>>>

AUTH=(R. G. KULKARNI, K. ANDHRADEV)
 TITLE= INVESTIGATION OF LEVEL PROPERTIES OF 139LA
 REF=CJP57(1979)1940
 <<<<D385>>>>

AUTH=(G. LO BIANCO, N. MOLHO, A. MORONI, S. ANGIUS, N. BLASI, A. FERRERO)
 TITLE= STUDY OF 151EU LEVELS VIA THE (P, 2N, GAMMA) REACTION
 REF=JP/G5(1979)697
 <<<<D386>>>>

AUTH=(P. DEBENHAM, W. R. FALK, O. ABOU-ZEID, N. E. DAVISON)
 TITLE= THE 130TE(P, ALPHA)127SB REACTION AND THE ROLE OF THE COLLECTIVE NEUTRON
 EXCITATIONS
 REF=JP/G5(1979)981
 <<<<D387>>>>

AUTH=(R. BONETTI, L. MILAZZO COLLI, M. MILAZZO, G. M. BRAGA MARCAZZAN)
 TITLE= TRITON PICK-UP IN THE (P, ALPHA) REACTION ON 208PB AT 20 MEV
 REF=JP/G4(1978)1903
 <<<<D389>>>>

AUTH=(L. E. DINESCU, D. MUELLER, R. A. NAUMANN)
 TITLE= MULTIPLY STRUCTURE IN 203PB
 REF=PR/C18(1978)2506
 <<<<D393>>>>

AUTH=(C. RANGACHARYULU, Y. AOKI, K. YAGI, M. MATOBA, M. HYAKUTAKE)
 TITLE= 119, 117SN(P, T) REACTIONS AT 52 MEV

REF=PR/C20(1979)397
 <<<<D395>>>>
 AUTH=(J.BIRCHALL,J.P.SVENNE,M.S.DE JONG,J.S.C.MCKEE,W.D.RAMSAY,M.S.A.L.AL-GHAZI,
 N.VIDELA)
 TITLE= PROTON-DEUTERON BREAKUP CROSS SECTIONS IN COLLINEAR GEOMETRY AT 28.6 MEV
 REF=RR/C20(1979)1585
 <<<<D398>>>>
 AUTH=(K.YAGI,S.KUNORI,Y.AOKI,K.NAGANO,Y.TAGISHI,Y.TOBA)
 TITLE= SYSTEMATIC NUCLEAR-STRUCTURE DEPENDENCE OF ANALYZING POWERS FOR (P,T)
 REACTIONS ON MEDIUM-MASS VIBRATIONAL NUCLEI
 REF=PR/C19(1979)285
 <<<<D402>>>>
 AUTH=(O.ABOU-ZEID,L.PH.ROESCH,W.R.FALK)
 TITLE= $^{40}\text{Ca}(p,^3\text{He})^{38}\text{K}$ REACTION AND THE LOW-LYING $1^+, T=0$ STATES
 REF=PR/C20(1979)1198
 <<<<D404>>>>
 AUTH=(M.A.M.SHAHABUDDIN,L.BUJA-BIJUNAS,W.R.STOTT,J.C.WADDINGTON)
 TITLE= USE OF $^{30}\text{Si}(p,\alpha)^{27}\text{Al}$ ANALYZING POWER
 REF=CJP57(1979)505
 <<<<D405>>>>
 AUTH=(Y.TOBA,Y.AOKI,S.KUNORI,K.NAGANO,K.YAGI)
 TITLE= ANALYZING POWER FOR THE $^{208}\text{Pb}(p,t)^{206}\text{Pb}(3^+)$ REACTION AND (P,D)(D,T)
 SEQUENTIAL TRANSFER PROCESSES
 REF=PR/C20(1979)1204
 <<<<D406>>>>
 AUTH=(J.W.LO,E.V.HUNGERFORD,J.C.ALLRED,B.W.MAYES,L.S.PINSKY,M.L.WARNEKE,T.M.WILL
 IAMS,J.M.CLEMENT,W.H.DRAGOSET,R.D.FELDER,J.H.HOFTIEZER,J.HUDOMALJ-GABITZSCH,G.S.
 MUTCHLER,G.C.PHILLIPS)
 TITLE= PION PRODUCTION IN THE REACTION $D(p,d,\pi)^n$ AT 800 MEV WITH A SPECTATOR
 NEUTRON
 REF=PR/C20(1979)1479
 <<<<D407>>>>
 AUTH=(R.G.LANIER,L.G.MANN,G.L.STRUBLE,I.D.PROCTOR,D.W.HEIKKINEN)
 TITLE= PROTON INELASTIC SCATTERING AT 12 MEV ON ^{154}Eu
 REF=PR/C20(1979)1279
 <<<<D409>>>>
 AUTH=(G.H.TERRY,H.J.HAUSMAN,N.TSOUPAS)
 TITLE= ANGULAR CORRELATION MEASUREMENTS OVER THE INTERMEDIATE STRUCTURE IN ^{71}As
 REF=PR/C19(1979)2155
 <<<<D410>>>>
 AUTH=(H.MANN,B.H.VILDENTHAL)
 TITLE= (P,T) AND (P, ^3He) REACTIONS ON ^{33}S
 REF=PR/C19(1979)2146
 <<<<D411>>>>
 AUTH=(R.MICHEL,G.BRINKMAN,H.WEIGEL,W.HERR)
 TITLE= MEASUREMENT AND HYBRID-MODEL ANALYSIS OF PROTON-INDUCED REACTIONS WITH V,
 FE AND CO
 REF=NP/A322(1979)40
 <<<<D412>>>>
 AUTH=(J.R.SHEPARD,R.E.ANDERSON,J.J.KRAUSHAAR,R.A.RISTINEN,J.R.COMFORT,N.S.P.KING
 ,A.BACHER,W.W.JACOBS)
 TITLE= THE (P,T) REACTION ON ^{12}C , ^{54}Fe AND ^{208}Pb AT 80 MEV
 REF=NP/A322(1979)92
 <<<<D414>>>>
 AUTH=(R.ABEGG,J.BIRCHALL,N.E.DAVISON,M.S.DE JONG,D.L.GINTHER,D.K.HASELL,T.N.NASR
 ,W.T.H.VAN OERS,R.F.CARLSON,A.J.COX)
 TITLE= MEASUREMENT OF THE PROTON TOTAL REACTION CROSS SECTION FOR ^{159}Tb , ^{181}Ta
 AND ^{197}Au BETWEEN 20 AND 48 MEV
 REF=NP/A324(1979)109

<<<<D420>>>>
AUTH=(R.DE LEO,G.DERASMO,E.M.EIORE,G.GUARINO,A.PANTALEO,S.MICHELETTI)
TITLE= ENERGY DEPENDENCE OF OPTICAL-MODEL PARAMETERS FOR THE P+32S SYSTEM BETWEEN
15 AND 35 MEV.
REF=NC/A59(1980)101

<<<<D422>>>>
AUTH=(H.R.WAMPFLER,V.MEYER)
TITLE= ISOSPIN-VERBOTENE T=3/2 ANALOGRESONANZEN IN 33CL
REF=HPA53(1980)317

<<<<D429>>>>
AUTH=(H.H.KRAUSE,W.ARNOLD,H.BERG,J.ULBRICHT,G.CLAUSNITZER)
TITLE= EXISTENCE OF MOTT-SCHWINGER INTERACTION BY MEANS OF P-12C ELASTIC SCATTER
ING
REF=ZP/A293(1979)343

<<<<D431>>>>
AUTH=(V.S.PROKOPENKO,V.D.SKLYARENKO,V.K.CHERNIEVSKII,A.V.SHUSTOV)
TITLE= SCATTERING OF 6.9 MEV PROTONS BY 12C, 16O, 24,26MG, AND 28SI AND THE PRO
BABILITY OF SPIN FLIP
REF=SNP29(1979)630

<<<<D448>>>>
AUTH=(P.H.WALLACE,H.J.HAUSMAN,H.R.SUITER,R.L.WEST)
TITLE= PROPERTIES OF THE 2P-1H INTERMEDIATE STRUCTURE IN 41SI
REF=PR/C22(1980)X

<<<<D457>>>>
AUTH=(D.A.BELL,J.A.BUCHANAN,M.M.CALKIN,J.M.CLEMENT,W.H.DRAGO SET,M.FURIC,K.A.JOH
NS,J.D.LESIKAR,H.E.MIETTINEN,T.A.MULERA,G.S.MUTCHLER,G.C.PHILLIPS,J.B.ROBERTS,S.
E.TURPIN)
TITLE= MEASUREMENT OF SPIN PARAMETERS A AND ANN IN PP ELASTIC SCATTERING IN THE
1-3 GEV/C REGION
REF=PL/B94(1980)310

<<<<D458>>>>
AUTH=(D.BESSET,Q.H.DO,B.FAVIER,R.HAUSAMANN,E.HEER,R.HESS,C.LECHANOINE-LELUC,W.
R.LEO,D.RAPIN,D.W.WERREN,CH.WEDDIGEN,J.M.CAMERON,S.JACCARD,S.MANGO)
TITLE= MEASUREMENT OF THE SPIN CORRELATION PARAMETER A00NN AND THE POLARIZATION
A00N0 IN ELASTIC P-P SCATTERING BETWEEN 400 AND 600 MEV
REF=NP/A345(1980)435

<<<<D459>>>>
AUTH=(G.BIZARD,J.L.LAVILLE,C.LE BRUN,J.F.LECOLLEY,F.LE FEBVRES,A.OSMONT,R.REGIMB
ART,J.C.STECKMEYER,J.BERGFR)
TITLE= CHARGE-EXCHANGE P3H-N3HE AND ELASTIC P3H-P3H DIFFERENTIAL CROSS SECTIONS
AT MEDIUM ENERGY
REF=NP/A338(1980)451

<<<<D461>>>>
AUTH=(ALAN SCOTT,F.TODD BAKER,M.A.GRIMM.JR.,J.H.JOHNSON,V.RENUMETCHA,R.C.STYLES,
W.G.LOVE,W.P.JONES,J.D.WIGGINES.JR.)
TITLE= SHAPES OF MEASURED (P-POL,P) ANALYZING POWERS AT 160 MEV FOR PROTON STATES
IN 90ZR AND NEUTRON STATES IN 92ZR
REF=PRL45(1980)1315

<<<<D462>>>>
AUTH=(MARTIN HEYKANTS,MANFRED NIECKE)
TITLE= SEARCH FOR ELECTRON-POSITRON PAIR PRODUCTION BY NON-RELATIVISTIC HEAVY
CHARGED PARTICES
REF=NP/A332(1979)22

<<<<D467>>>>
AUTH=(R.E.CHRIEN,T.J.KRIEGER,R.J.SUTTER,M.MAY,H.PALEVSKY,R.L.STEARNS,T.KOZLOWSKI
,T.BAUER)
TITLE= PROTON SPECTRA FROM 800 MEV PROTONS ON SELECTED NUCLIDES
REF=PR/C21(1980)1014

<<<<D468>>>>

AUTH=(R. BALZER, R. HENNECK, CH. JACQUEMART, J. LANG, M. SIMONIUS, W. HAEBERLI, S. JACCARD, L. REZZONICO, CH. WEDDIGEN)
 TITLE= MESSUNG DER PARITAETSVERLETZUNG IN PROTON-PROTON-STREUUNG BEI 50 MEV
 REF=HPA52(1979)420
 <<<<D469>>>>

AUTH=(G. D. ALKHAZOV, S. L. BELOSTOTSKII, A. A. VOROBYEV, O. A. DOMCHENKO, YO. V. DOTSENKO, N. P. KUROPATKIN, V. N. NIKULIN, M. A. SHUVAEV)
 TITLE= THE QUADRUPOLE EFFECT IN THE ELASTIC SCATTERING OF 1-GEV PROTONS BY P-SHELL NUCLEI
 REF=JEL29(1979)80
 <<<<D472>>>>

AUTH=(V. G. VOVCHENKO, A. A. ZHDANOV, YU. M. KAZARINOV, E. N. KOMAROV, V. V. POLYAKOV, O. YA. FEDOROV, A. V. SHVEDCHIKOV, S. V. YAZIKOVA)
 TITLE= MEASURING D AND P POLARIZATION PARAMETERS FOR P-P SCATTERING AT 0.97 GEV
 REF=JEL29(1979)87
 <<<<D473>>>>

AUTH=(R. G. KULKARNI, D. P. NAVALKELE)
 TITLE= STUDY OF NEGATIVE PARITY LEVELS IN 63CU
 REF=CJP58(1980)472
 <<<<D484>>>>

AUTH=(M. N. HARAKEH, P. GOLDHOORN, Y. IWASAKI, J. LUKASIAK, L. W. PUT, S. Y. VAN DER WERF, F. ZWARTS)
 TITLE= THE SUPERSYMMETRY SCHEME AND E2 TRANSITION RATES IN THE PT REGION
 REF=PL/B97(1980)21
 <<<<D488>>>>

AUTH=(I. BRISSAUD, G. BERRIER-RONSIN, J. CAMERON, R. FRASCARIA, J. KALIFA, G. BAGIEU, R. DE SWINIARSKI)
 TITLE= DETERMINATION OF THE MULTIPOLE DEFORMATION PARAMETERS OF 238U BY 22 MEV PROTON INELASTIC SCATTERING
 REF=ZP/A293(1979)1
 <<<<D489>>>>

AUTH=(B. ERLANDSSON, K. NILSON, A. MARCINKOWSKI, J. PIOTROWSKI)
 TITLE= INVESTIGATION OF 65CU BY MEANS OF THE AVERAGE RESONANCE PROTON CAPTURE METHOD
 REF=ZP/A293(1979)43
 <<<<D493>>>>

AUTH=(H. H. KRAUSE, W. ARNOLD, H. BERG, J. ULBRICHT, G. CLAUSNITZER)
 TITLE= EXISTENCE OF MOTT-SCHWINGER INTERACTION BY MEANS OF POLARIZED P-12C ELASTIC SCATTERING
 REF=ZP/A293(1979)343
 <<<<D495>>>>

AUTH=(N. S. BINYUKOV, B. V. ZHURAVLEX, A. P. RUDENKO, O. A. SALNIKOV, V. I. TRYKOVA)
 TITLE= NEUTRONS FROM THE (P,N) REACTIONS IN 90ZR, 91ZR, 94ZR
 REF=SNP29(1979)740
 <<<<D497>>>>

AUTH=(V. S. PROKOPENKO, V. D. SKLYARENKO, V. K. CHERNIEVSKII, A. V. SHUSTOV)
 TITLE= SCATTERING OF 6.9-MEV PROTONS BY 12C, 16O, 24MG, 26MG, AND 28SI AND THE PROBABILITY OF SPIN FLIP
 REF=SNP29(1979)630
 <<<<D500>>>>

AUTH=(YU. D. BAYUKOV, A. E. BUKLEI, V. B. GAVRILOV, N. A. GORYAINOV, B. A. EZHOV, V. I. EFREMENKO, YU. M. ZAITSEV, M. M. KATS, L. N. KONDRATEV, M. V. KOISOV, G. A. LEKSIN, V. S. PAVLOV, N. N. POMELOV, V. YU. RUSINOV, V. V. STEPANOV, D. A. SUCHKOV, V. B. FEDOROV, B. B. SHVARTSMAN)
 TITLE= INCLUSIVE PARTICLE PRODUCTION IN NUCLEI AT ANGLES OF 62 AND 188 MRAD BY PROTONS AT 3.95 - 9.7 GEV/C
 REF=SNP29(1979)487
 <<<<D501>>>>

AUTH=(J. KAELLUE, A. N. ANDERSON, J. L. BEVERIDGE, J. ROGERS, D. A. HUTCHINSON, W. J. McDONALD)
 TITLE= SOME DYNAMICAL ASPECTS OF PICK UP REACTIONS STUDIED IN 13C(P,D)12C AT 200

-500 MEV
REF=PR/C21(1980)675
<<<<D504>>>>
AUTH=(Y. IWASAKI, G. M. CRAWLEY, R. G. MARKHAM, J. E. FINCK, J. H. KIM)
TITLE= OCTUPOLE STATES IN ^{63}Cu AND THE WEAK-COUPPLING PICTURE
REF=PR/C20(1979)861
<<<<D505>>>>
AUTH=(G. L. MOAKE, P. T. DEBEVEC)
TITLE= DETERMINATION OF THE OPTICAL POTENTIAL FOR ELASTIC PROTON SCATTERING ON
 ^{6}Li , ^{12}C , AND ^{14}N AT 144 MEV
REF=PR/C21(1980)25
<<<<D506>>>>
AUTH=(J. D. TURNER, N. R. RODERSON, S. A. WENDER, H. R. WELLER, D. R. TILLEY)
TITLE= POLARIZED PROTON CAPTURE ON ^{13}C
REF=PR/C21(1980)525
<<<<D513>>>>
AUTH=(E. N. VOLNIN, V. T. GRACHEV, I. I. GRACHEVA, A. M. ZOLOTOV, D. M. SILVETROV, L. A. SLIV, N. N.
. SMIRNOV)
TITLE= STUDY OF THE CHANNELS OF THE REACTION OF THE SPLITTING OF ^{58}Ni BY 1-GEV
PROTONS
REF=ZET28(1978)45
<<<<D514>>>>
AUTH=(W. KLINGER, R. BOEHM, W. SANDNER, W. WITTHUHN)
TITLE= MAGNETIC MOMENTS OF THE ISOMERIC $11/2^-$ STATES IN $^{145,147,149}\text{Eu}$
REF=NP/A350(1980)61
<<<<D515>>>>
AUTH=(G. DERASMO, I. IORI, S. MICHELETTI, A. PANTALEO)
TITLE= EXCITATION OF THE ISOSCALAR E_2 RESONANCE IN ^{12}C BY PROTON INELASTIC SCAT
TERING
REF=ZP/A299(1981)41
<<<<D518>>>>
AUTH=(J. A. URBON, S. B. KAUFMAN, D. J. HENDERSON, E. P. STEINBERG)
TITLE= ANGULAR AND ENERGY DISTRIBUTIONS OF ^{24}Na FRAGMENTS FORMED BY THE REACTION
OF 11.5-GEV PROTONS WITH ^{197}Au
REF=PR/C21(1980)1048
<<<<D519>>>>
AUTH=(L. NILSSON, M. DROSG, D. M. DRAKE, A. LINDHOLM)
TITLE= ISOSPIN STRUCTURE OF THE GIANT DIPOLE RESONANCE IN ^{41}Ca
REF=PR/C21(1980)902
<<<<D525>>>>
AUTH=(R. E. MARRIS, R. E. POLLOCK, W. W. JACOBS)
TITLE= TOTAL (P, PION+) CROSS SECTIONS ON LIGHT NUCLEI NEAR THE PION COULOMB
BARRIER
REF=PR/C20(1979)2308
<<<<D529>>>>
AUTH=(H. R. HOOPER, P. W. GREEN, H. E. SIEFKEN, G. C. NEILSON, W. J. MCDONALD, D. M. SHEPPARD, W.
K. DAWSON)
TITLE= ENERGY LEVELS BELOW 2 MEV IN ^{121}Sb AND ^{123}Sb
REF=PR/C20(1979)2041
<<<<D534>>>>
AUTH=(H. OBERMEYER, H. KUIPER, B. SEIDLER, K. FRANK)
TITLE= MEASUREMENT OF THE SPIN-CORRELATION PARAMETER A_{YY} IN ELASTIC P-P
SCATTERING AT 9.57 MEV
REF=NP/A344(1980)75
<<<<D535>>>>
AUTH=(R. KAITA, C. GLASHAUSSER, A. B. ROBBINS, J. HURD, E. VENTURA)
TITLE= ANALYZING-POWER FLUCTUATIONS IN THE $^{26}\text{Mg}(p,p)^{26}\text{Mg}$ REACTION
REF=NP/A344(1980)389
<<<<D540>>>>

AUTH=(B.D.ANDERSON,A.R.BALDWIN,A.M.KALENDA,R.MADEY,J.W.WATSON,C.C.CHANG,H.D.HOLM
 GREN,R.W.KOONTZ,J.R.WU)
 TITLE= PROTON AND NEUTRON INCLUSIVE SPECTRA AND THE IMPORTANCE OF THE SINGLE
 NUCLEON-NUCLEON SCATTERING PROCESS
 REF=PRL46(1981)226
 <<<<D541>>>>

AUTH=(K.R.CORDELL,S.T.THORNTON,L.C.DENNIS,R.R.DOERING,R.L.PARKS,T.C.SCHWEIZER)
 TITLE= PROTON-INCLUSIVE CROSS SECTIONS FROM 600 MEV PROTON-NUCLEUS REACTIONS
 REF=NP/A352(1981)485
 <<<<D544>>>>

AUTH=(J.J.HOGAN,E.GADIOLI,E.GADIOLI-ERBA,C.CHUNG)
 TITLE= FISSIONABILITY OF NUCLIDES IN THE THORIUM REGION AT EXCITATION ENERGIES
 TO 100 MEV
 REF=PR/C20(1979)1831
 <<<<D550>>>>

AUTH=(A.A.COWLEY,C.C.CHANG,H.D.HOLMGREN)
 TITLE= FORWARD-ANGLE PROTON SPECTRA IN THE CONTINUUM FROM THE 58NI(P,XP)
 REACTION AT 100 MEV
 REF=PR/C22(1980)2633
 <<<<D551>>>>

AUTH=(R.P.LILJESTRAND,J.M.CAMERON,D.A.HUTCHEON,R.MACDONALD,W.J.MCDONALD,C.A.MIL
 LER,W.C.OLSEN,J.J.KRAUSHAAR,J.R.SHEPARD)
 TITLE= ANALYZING POWER MEASUREMENTS FOR THE 13C(P,D)12C REACTION AT 200 AND 400
 MEV
 REF=PL/B99(1981)311
 <<<<D556>>>>

AUTH=(K.MURPHY,R.C.BYRD,P.P.GUSS,C.E.FLOYD,R.L.WALTER)
 TITLE= THE 15N(P,N)15O REACTION BELOW 9.3 MEV
 REF=NP/A355(1981)1
 <<<<D557>>>>

AUTH=(G.M.CRAWLEY,W.BENENSON,G.BERTSCH,S.GALES,D.WEBER,B.ZWIEGLINSKI)
 TITLE= HOLE STATES IN THE TIN ISOTOPES OBSERVED BY THE (P,T) REACTION
 REF=PR/C23(1981)589
 <<<<D569>>>>

AUTH=(B.YA.GUZHOVSKII)
 TITLE= DIRECT NEUTRON DECAY OF AN ANALOG RESONANCE IN 65CU AND GAMMA SPECTRO-
 SCOPY OF THE LEVELS OF 64CU
 REF=SNP30(1979)457
 <<<<D573>>>>

AUTH=(V.G.PRONYAEV,G.V.KOTELNIKOVA,G.N.LOVCHIKOVA,O.A.SALNIKOV)
 TITLE= DETERMINATION OF THE ABSOLUTE DENSITY OF LEVELS OF NUCLEI FROM ANALYSIS
 OF (P,N)-REACTION SPECTRA
 REF=SNP30(1979)310
 <<<<D575>>>>

AUTH=(S.K.DATTA,W.R.FALD,S.P.KWAN,R.ABEGG,O.A.ABOU-ZEID)
 TITLE= 12C(P,ALPHA)9B REACTION IN THE FINITE RANGE MICROSCOPIC DISTORTED- WAVE
 BORN-APPROXIMATION FORMALISM
 REF=PR/C21(1980)1687
 <<<<D576>>>>

AUTH=(F.FUSCHINI,F.MALAGUTI,A.UGUZZONI,E.VERONDINI)
 TITLE= AXIAL BLOCKING MEASUREMENT OF THE 28SI 12.291 MEV LEVEL WIDTH
 REF=PR/C21(1980)1646
 <<<<D578>>>>

AUTH=(G.ROTBARD,G.BARRIER-RONSIN,M.VERGNES,J.KALIFA,J.VERNOT TE,R.K.SHELIN)
 TITLE= STATES IN 193PT USING THE (P,T) REACTION
 REF=PR/C21(1980)1232
 <<<<D583>>>>

AUTH=(G.M.CRAWLEY,S.GALES,D.WEBER,B.ZWIEGLINSKI,W.BENENSON,D.FRIESEL,A.BACHER,B.
 M.SPICER)

TITLE= DEEP HOLE STATES OBSERVED IN (P,T) REACTIONS
REF=PR/C22(1980)316
<<<<D586>>>>

AUTH=(D.R.FORTNEY,N.T.PORILE)
TITLE= ANGULAR DISTRIBUTIONS OF SC FRAGMENTS FROM THE INTERACTION OF 238U WITH
0.8-400 GEV PROTONS
REF=PR/C21(1980)2511
<<<<D597>>>>

AUTH=(D.E.BAINUM,J.RAPAPORT,C.D.GOODMAN,D.J.HOREN,C.C.FOSTER,M.B.GREENFIELD,C.A.
GOULDING)
TITLE= OBSERVATION OF GIANT PARTICLE-HOLE RESONANCES IN 90ZR(P,N)90NB
REF=PRL44(1980)1751
<<<<D598>>>>

AUTH=(C.D.GOODMAN,C.A.GOULDING,M.B.GREENFIELD,J.PARAPORT,D.E.BAINUM,C.C.FOSTER,
W.G.LOVE,F.PETROVICH)
TITLE= GAMOW-TELLER MATRIX ELEMENTS FROM ODEG (P,N) CROSS SECTIONS
REF=PRL44(1980)1755
<<<<D602>>>>

AUTH=(J.R.CALARCO,P.M.KURJAN,G.A.FISHER,S.S.HANNA)
TITLE= INTERMEDIATE STRUCTURE IN THE GIANT E1 RESONANCE IN THE 19F(P,GAMMA)20NE
REACTION
REF=PL/B92(1980)67
<<<<D622>>>>

AUTH=(J.N.KNUDSON,B.D.ANDERSON,P.C.TANDY,J.W.WATSON,R.MADEY,C.C.FOSTER)
TITLE= 12C(P,N)12N REACTION AT 99 MEV
REF=PR/C22(1980)1826
<<<<D628>>>>

AUTH=(S.SEN)
TITLE= SPIN AND PARITY OF THE 6.699 MEV LEVEL IN 17F
REF=PR/C25(1982)1054
<<<<D637>>>>

AUTH=(W.BIESIOT,PH.B.SMITH)
TITLE= PARAMETERS OF THE 9.17 MEV LEVEL IN 14N
REF=PR/C24(1981)2443
<<<<D643>>>>

AUTH=(L.F.HANSEN,I.D.PROCTOR,D.W.HEIKKINEN,V.A.MADSEN)
TITLE= NUCLEAR DEFORMATION IN THE ACTINIDE REGION BY PROTON INELASTIC SCATTERING
REF=PR/C25(1982)189
<<<<D645>>>>

AUTH=(H.J.GARDNER,L.W.MITCHELL,S.R.KENNETT,M.R.ANDERSON,D.G.SARGOOD)
TITLE= CROSS SECTION MEASUREMENTS FOR THE REACTIONS 53CR(P,GAMMA)54MN, 53CR(P,N)
53MN AND 53CR(P,P)53CR
REF=AUJ34(1981)25
<<<<D646>>>>

AUTH=(H.ORIHARA,S.NISHIHARA,T.MURAKAMI,K.MAEDA,K.FURUKAWA,T.NAKAGAWA,G.C.KIANG,K
.MIURA,H.OHNUMA)
TITLE= 'STRETCHED' 6- T=1 STATE IN 24AL OBSERVED IN THE REACTION 24MG(P,N)24AL
REF=PRL48(1982)469
<<<<D650>>>>

AUTH=(T.S.BHATIA,G.GLASS,J.C.HIEBERT,L.C.NORTHCLIFFE,W.B.TIPPENS,B.E.BONNER,J.E.
SIMMONS,C.L.HOLLAS,C.R.NEWSOM,P.J.RILEY,R.D.RANSOME)
TITLE= DIFFERENCE BETWEEN POLARIZATION AND ANALYZING POWER FOR 800-MEV N-P
ELASTIC SCATTERING: TEST OF TIME-REVERSAL INVARIANCE
REF=PRL48(1982)227
<<<<D651>>>>

AUTH=(P.M.S.LESSER,C.C.TRAIL,C.C.PERNG,M.K.LIOU)
TITLE= BREMSSTRAHLUNG FROM 12C+P NEAR THE 461 KEV RESONANCE
REF=PRL48(1982)308
<<<<D653>>>>

AUTH=(G. PAULETTA, G. ADAMS, M. M. GAZZALY, G. J. IGO, A. T. M. WANG, A. RAHBAR, A. WRIEKAT, L. RAY
 , G. W. HOFFMAN, M. BARLETT, J. AMANN)
 TITLE= ELASTIC SCATTERING OF 0.8GEV POLARIZED PROTONS FROM 46,48TI
 REF=PL/B106(1981)470
 <<<<D655>>>>

AUTH=(M. R. ANDERSEN, S. R. KENNETT, M. E. SEVIOR, D. G. SARGOOD)
 TITLE= 45SC(P,P)45SC* AND THE ATTAINMENT OF A THERMAL DISTRIBUTION OF STATES IN
 AN ASTROPHYSICAL ENVIRONMENT
 REF=AUJ34(1981)105
 <<<<D656>>>>

AUTH=(T. FUJISAWA, N. KISHIDA, T. KUBO, T. WADA, Y. TOBA, T. HASEGAWA, M. SEKIGUCHI, N. UEDA, M.
 YASUE, F. SOGA, H. KAMITSUBO, M. NAKAMURA, K. HATANAKA, U. WAKUTA, T. TANAKA, A. NAGAO)
 TITLE= ANALYZING POWER-POLARIZATION INEQUALITY IN THE INELASTIC SCATTERING
 PROTONS ON 12C FOR INCIDENT ENERGIES FROM 22.0 TO 29.0 MEV
 REF=JPJ50(1981)3198
 <<<<D658>>>>

AUTH=(M. M. GAZZALY, N. H. HINTZ, G. S. KYLE, R. K. OWEN, G. W. HOFFMANN, M. BARLETT, G. BLANPIED)
 TITLE= NEUTRON-PROTON DECOMPOSITION OF TRANSITION MATRIX ELEMENTS FROM A COMPARI
 SON OF 800 MEV PROTON SCATTERING WITH ELECTROMAGNETIC METHODS
 REF=PHYS. REV. C25 PR/C25(1982)408
 <<<<D663>>>>

AUTH=(J. ERO, Z. FODER, P. KONCZ, Z. SERES, M. CSATLOS, B. A. KHOMENKO, N. N. KHOVANSKIY, Z. V. K
 RUMSTEIN, YU. P. MEREKOV, V. I. PETRUKHIN)
 TITLE= QUASI-FREE SCATTERING IN 7LI(P,P,D)5HE AND 12C(P,P,D)10B REACTIONS AT 670
 MEV
 REF=NP/A372(1981)317
 <<<<D664>>>>

AUTH=(J. S. STEWART, N. T. PORILE)
 TITLE= TARGET-A DEPENDENCE OF THE ANGULAR DISTRIBUTION OF SC FRAGMENTS EMITTED
 IN 400 GEV PROTON INTERACTIONS
 REF=PR/C25(1982)478
 <<<<D668>>>>

AUTH=(S. KATO, K. OKADA, M. KONDO, K. HOSONO, T. SAITO, N. MATSUOKA, T. NORO, S. NAGAMACHI, H. SH
 IMIZU, K. OGINO, Y. KADOTA, M. NOMURA)
 TITLE= REACTION MECHANISM FOR (P,T) AND (P,3HE) REACTIONS ON 13C
 REF=PR/C25(1982)97
 <<<<D672>>>>

AUTH=(R. E. L. GREEN, K. P. JACKSON, R. G. KORTELING)
 TITLE= ANALYZING POWERS IN INCLUSIVE AG(P,3HE) AND AG(P,4HE) REACTIONS AT
 INTERMEDIATE ENERGIES
 REF=PR/C25(1982)828
 <<<<D673>>>>

AUTH=(G. M. CRAWLEY, W. BENENSON, G. BERTSCH, S. GALES, D. WEBER, B. ZWIEGLINSKI) MACHI, H. SH
 TITLE= PAIRING MODEL PREDICTIONS FOR (P,T) EXPERIMENTS ON THE CADMIUM ISOTOPES
 REF=PL/B109(1982)8
 <<<<D674>>>>

AUTH=(M. KOZLOWSKI, H. H. MUELLER, R. WAGNER)
 TITLE= ANALYZING POWER FOR THE (P,ALPHA,X) REACTION IN THE CONTINUUM AT EP=7.2
 MEV
 REF=PL/B107(1981)27
 <<<<D675>>>>

AUTH=(S. FRANKEL, W. FRATI, C. F. PERDRISAT, O. B. VAN DYCK)
 TITLE= BACKWARD PRODUCTION OF HIGH ENERGY PROTONS IN THE (P,2P) REACTION
 REF=PR/C24(1981)2684
 <<<<D677>>>>

AUTH=(F. D. BECCHETTI, C. A. FIELDS, R. S. RAYMOND, H. C. BHANG, D. OVERW AY)
 TITLE= GHOST ANOMALY IN 8BE STUDIED WITH 9BE(P,D) AT EP=14.3 AND 26.2 MEV
 REF=PR/C24(1981)2401
 <<<<D679>>>>

AUTH=(C.BAUER,H.RICHTER,P.GIPPINER,R.MANN,W.RUDOLPH,B.ECKHARDT,K.O.GROENEVELD)
 TITLE= L-SHELL VACANCY PRODUCTION IN AG, TA AND AU FOR INCIDENT IONS Z1<10 IN
 THE ENERGY RANGE OF 0.125-4MEV/AMU
 REF=ZP/A303(1981)13
 <<<<D691>>>>

AUTH=(H.OHNUMA,K.AMOS,I.MORRISON,H.ORIHARA,S.NISHIHARA,T.NAKAGAWA,K.MAEDA)
 TITLE= EXCITATION OF THE 6.41 MEV, T=1 4- STATE IN 16F BY THE 160(P,N)16F
 REACTION
 REF=PL/B112(1982)206
 <<<<D692>>>>

AUTH=(A.FAZELY,B.D.ANDERSON,M.AHMAD,A.R.BALDWIN,A.M.KALENDA,R.J.MCCARTHY,J.W.WAT
 SON,R.MADEY,W.BERTOZZI,T.N.BUTI,J.M.FINN,M.A.KAVASH,B.PUGH,C.C.FOSTER)
 TITLE= SPECTROSCOPY OF 16F FROM THE 160(P,N)16F REACTION AT 99 AND 135 MEV
 REF=PRC25(1982)1760
 <<<<D695>>>>

AUTH=(M.C.WRIGHT,N.R.ROBERSON,H.R.WELLER,D.R.TILLEY,DEAN HALDERSON)
 TITLE= PROTON CAPTURE IN THE 19 MEV REGION OF 12C
 REF=PR/C25(1982)2823
 <<<<D696>>>>

AUTH=(T.F.FAZZINI,P.R.MAURENZIG,G.POGGI,N.TACCETTI)
 TITLE= DECAY SCHEME AND TRANSITION PROBABILITIES OF 85RB
 REF=PR/C25(1982)2309
 <<<<D697>>>>

AUTH=(P.DE.WIT,E.L.BAKKUM,C.VAN DER LEUN,P.M.ENDT)
 TITLE= THE ISOSPIN DECOMPOSITION OF MIRROR GAMMA-RAY STRENGTHS
 REF=PL/B113(1982)137
 <<<<D702>>>>

AUTH=(B.D.ANDERSON,A.FAZELY,R.J.MCCARTHY,P.C.TANDY,J.W.WATSON,R.MADEY,W.BERTOZZI
 ,T.N.BUTI,J.M.FINN,J.KELLY,M.A.KOVASH,B.PUGH,B.H.WILDENTHAL,C.C.FOSTER)
 TITLE= GAMOW-TELLER STRENGTH IN THE 180(P,N)18F REACTION AT 135 MEV
 REF=PR/C27(1983)1387
 <<<<D705>>>>

AUTH=(C.RANGACHARYULU,M.B.CHATTERJEE,C.PRUNEAU,C.ST-PIERRE)
 TITLE= GAMMA DECAY OF D5/2 ISOBARIC ANALOGUE RESONANCES IN THE 64ZN(P,GAMMA)
 REACTION
 REF=CJP60(1982)815
 <<<<D707>>>>

AUTH=(Z.SZEFLINSKI,G.SZEFLINSKA,Z.WILHELMI,T.RZACA-URBAN,H.V.KLAPDOR,E.ANDERSON,
 K.GROTZ,J.METZINGER)
 TITLE= EXPERIMENTAL TEST OF THE BRINK HYPOTHESIS
 REF=PL/B126(1983)159
 <<<<D709>>>>

AUTH=(B.D.ANDERSON,J.W.WATSON,C.LEBO,A.R.BALDWIN,A.FAZELY,R.MADEY,C.C.FOSTER)
 TITLE= EXCITATION OF THE 6-PARTICLE-HOLE STATE WITH THE 40CA(P,N)40SC REACTION
 AT 133.5MEV
 REF=PL/B123(1983)383
 <<<<D710>>>>

AUTH=(J.CHATELAIN,B.FAVIER,F.FOROUGHI,J.HOFTIEZER,S.JACCARD,J.PIFFARETTI,P.WALDE
 N,C.WEDDIGEN)
 TITLE= THE DIFFERENTIAL CROSS SECTION FOR ELASTIC PROTON-PROTON SCATTERING AT 90
 CM BETWEEN 500 AND 600 MEV
 REF=JP/G8(1982)643
 <<<<D711>>>>

AUTH=(W.J.VERMEER,A.R.POLETTI)
 TITLE= DETERMINATION OF PARTIAL DECAY WIDTHS FOR THE 2-, 8.87 MEV LEVEL IN 16O
 REF=JP/G8(1982)743
 <<<<D712>>>>

AUTH=(H.TAKETANI,M.ADACHI,N.ENDO,T.SUZUKE)
 TITLE= A MULTI-DETECTOR COINCIDENCE STUDY OF THE 12C(P,P) BREMSSTRAHLUNG

SPECTRUM AND THE TIME DELAY

REF=PL/B113(1982)11

<<<<D713>>>>

AUTH=(S.MATSUKE,K.OGINO,Y.KADOTA,N.SAKAMOTO,T.TANABE,M.YASUE,A.YOKOMIZO,S.KUBONO,
Y.OKUMA)

TITLE= SPLITTING OF LOW-LYING OCTUPOLE VIBRATIONAL STRENGTH IN 76,78,80,82KR

REF=PL/B113(1982)21

<<<<D714>>>>

AUTH=(F.SPERISEN,W.GRUEBLER,V.KONIG,P.A.SCHEMELZBACH,K.ELSENER,B.JENNY,C.SCHWEIZE
R,J.ULBRICHT,P.DOLESCHALL)

TITLE= TEST OF NUCLEON-NUCLEON INTERACTION BY P-D POLARIZATION TRANSFER IN THE
THREE-NUCLEON SYSTEM

REF=PL/B110(1982)103

<<<<D715>>>>

AUTH=(A.BECKER,E.A.BAKKUM,R.KAMERMANS)

TITLE= A MICROSCOPIC DESCRIPTION OF THE (P,T) REACTION TO LOW-LYING 0+ STATES IN
THE EVEN GE ISOTOPES

REF=PL/B110(1982)199

<<<<D717>>>>

AUTH=(T.KOHNO,M.ADACHE,H.TAKETANI)

TITLE= LEVEL STRUCTURE OF THE DOUBLY ODD NUCLEUS 112IN FROM THE (P,N,GAMMA)
REACTION

REF=NP/A398(1983)493

<<<<D718>>>>

AUTH=(C.DJALALI,N.MARTY,M.MORLET,A.WILLIS)

TITLE= 201 MEV PROTON EXCITATION OF GIANT RESONANCES IN 208PB MACROSCOPIC AND
MICROSCOPIC ANALYSIS

REF=NP/A380(1982)42

<<<<D721>>>>

AUTH=(M.W.MCNAUGHTON,E.P.CHAMBERLIN,J.J.JARMER,N.S.P.KING,H.B.WILLARD,E.WINKELMA
N)

TITLE= SPIN CORRELATION ANN AND ANALYZING POWER A IN PP-->PP AT 643 MEV

REF=PR/C25(1982)2107

<<<<D723>>>>

AUTH=(M.W.MCNAUGHTON,B.E.BONNER,E.W.HOFFMAN,O.B.VAN DYCK,C.L.HOLLAS,P.J.RILEY,K.
H.MCNAUGHTON,K.IMAI,K.TOSHIOKA,J.ROBERTS,S.E.TURPIN,B.AAS,A.RAHBAR)

TITLE= SPIN TRANSFER MEASUREMENTS FOR PP TO PP AT 647 MEV

REF=PR/C26(1982)249

<<<<D725>>>>

AUTH=(D.J.MARGAZIOTIS,M.B.EPSTEIN,W.T.H.VAN OERS,D.K.HASELL,R.ABEGG,G.A.MOSS,L.G.
.GREENIAUS,J.M.CAMERON,A.W.STETZ)

TITLE= ASYMMETRIES FROM THE 4HE(P,2P)3H REACTION AT 250 AND 500 MEV USING
POLARIZED PROTONS

REF=PR/C25(1982)2873

<<<<D728>>>>

AUTH=(A.E.CHAMPAGNE,A.J.HOWARD,P.D.PARKER)

TITLE= THRESHOLD STATES IN 26AL:(II).EXTRACTION OF RESONANCE STRENGTHS

REF=NP/A402(1983)179

<<<<D734>>>>

AUTH=(G.P.A.BERG,M.DEMARTEAU,A.HARDT,W.HURLIMANN,S.A.MARTIN,J.MEISSBURGER,W.OELE
RT,H.SEYFARTH,B.STYCZEN,M.KOEHLER,I.OELRICH,J.SCHEERER)

TITLE= HIGH RESOLUTION SPECTROSCOPY OF 102RU(D,P)103RU AND 104RU(P,D)103RU
REACTIONS

REF=NP/A379(1982)93

<<<<D735>>>>

AUTH=(H.SHIMIZU,K.IMAI,M.MATSUSUE,J.SHIRAI,R.TAKASHIMA,K.NISHIMURA,K.HATANAKA,T.
SAITO,A.OKIHANA)

TITLE= POLARIZATION EFFECTS IN THE QFS REGION OF THE P-D BREAKUP REACTION AT 65
MEV

REF=NP/A380(1982)111

<<<<D737>>>>

AUTH=(N.K.ABROSIMOV,V.A.VOLCHENKOV,V.A.GORDEEV,V.A.ELISEEV,E.M.IVANOV,V.P.KOPEV,
S.P.KRUGLOV,YU.A.MALOV,S.M.MIKIRTYCHYANTS,G.A.RYABOV,G.V.SHCHERBAKOV)

TITLE= SUBTHRESHOLD K+ PRODUCTION IN THE INTERACTION OF 1GEV PROTONS WITH BE, C,
AL, CU, SN, AND PB NUCLEI

REF=JET36(1982)261

<<<<D740>>>>

AUTH=(J.M.MOSS,T.A.CAREY,J.B.MCCLELLAND,N.J.DIGIACOMO,S.J.SEESTROM-MORRIS,G.F.BE
RTSCH,O.SCHOLTEN,G.S.ADAMS,M.GAZZALY,N.HINTZ,S.NANDA)

TITLE= EXCITATION OF THE GIANT-RESONANCE CONTINUUM WITH INTERMEDIATE-ENERGY
PROTONS

REF=PRL48(1982)789

<<<<D741>>>>

AUTH=(M.D.BARKER,P.C.COLBY,W.HAEBERLI,P.SIGNELL)

TITLE= PROTON-PROTON SCATTERING AT LOW ENERGIES

REF=PRL48(1982)918

<<<<D742>>>>

AUTH=(G.M.CRAWLEY,N.ANANTARAMAN,A.GALONSKY,C.DJALALI,N.MARTY,M.MORLET,A.WILLIS,J
.C.JOURDAIN,KITCHING)

TITLE= M1 STRENGTH IN ZIRCONIUM ISOTOPES BY PROTON INELASTIC SCATTERING

REF=PR/C26(1982)87

<<<<D743>>>>

AUTH=(R.M.PRIOR,A.A.ROLLEFSON,S.E.DARDEN,B.P.HICHWA)

TITLE= 24MG(P,P)24MG AND THE 6.11 MEV STATE OF 25AL

REF=PR/C26(1982)254

<<<<D744>>>>

AUTH=(B.L.BURKS,R.E.ANDERSON,T.B.CLEGG,H.PAETZ GEN.SCHIECK,E.J.LUDWIG,R.L.VARNER
,J.F.WILKERSON)

TITLE= TEST OF THE POLARIZATION-ANALYZING POWER EQUALITY IN TWO (P,D) REACTIONS
AND THEIR INVERSES

REF=PR/C25(1982)1168

<<<<D745>>>>

AUTH=(E.WARDE,R.SELTZ,D.MAGNAC,H.L.SHARMA)

TITLE= 181TA(P,T)179TA REACTION: EVIDENCE FOR PARTICLE-CORE COUPLING

REF=PR/C25(1982)2353

<<<<D746>>>>

AUTH=(B.P.PATHAK,L.LESSARD,L.NIKKINEN,J.K.P.LEE)

TITLE= PROTON-INDUCED FISSION OF IRIDIUM

REF=PR/C25(1982)2534

<<<<D747>>>>

AUTH=(G.S.BLANPIED,M.L.BARLETT,G.W.HOFFMANN,J.A.MCGILL)

TITLE= SCATTERING OF 0.8GEV PROTONS FROM 14N

REF=PR/C25(1982)2550

<<<<D748>>>>

AUTH=(E.BLESZYNSKI,M.BLESZYNSKI,S.HAJISAEID,G.J.IGO,F.IROM,J.B.MCCLETTA,A.RAHBAR
,A.T.M.WANG,C.A.WHITTEN,JR.G.ADAMS,M.BARLETT,G.W.HOFFMANN,J.A.MCGILL,R.BOUDRIE,G
.KYLE)

TITLE= LARGE ANGLE ELASTIC AND INELASTIC SCATTERING OF PROTONS FROM 40CA AT 800
MEV

REF=PR/C25(1982)2563

<<<<D751>>>>

AUTH=(A.L.SAGLE,F.P.BRADY,J.L.ROMERO,B.E.BONNER,N.S.P.KING,M.W.MCNAUGHTON,H.E.CO
NZETT)

TITLE= TIME REVERSAL AND CHARGE SYMMETRY STUDIES IN SINGLE NUCLEON TRANSFER
REACTIONS IN THE A=5 SYSTEM

REF=PR/C25(1982)1685

<<<<D752>>>>

AUTH=(P.H.WALLACE,H.J.HAUSMAN,J.N.MCKAMY,H.R.SUITER)

TITLE= PROTON PARTIAL DECAY WIDTHS FROM THE INTERMEDIATE STRUCTURE IN 41SC
 REF=PR/C26(1982)107
 <<<<D753>>>>

AUTH=(S.KAILAS,P.P.SINGH,A.D.BACHER,C.C.FOSTER,D.L.FRIESEL,P.SCHWANDT,J.WIGGINS)
 TITLE= EXCITATION OF THE GIANT RESONANCE REGION IN SILICON BY INELASTIC
 SCATTRING OF 115 MEV PROTONS
 REF=PR/C25(1982)1263
 <<<<D755>>>>

AUTH=(M.W.MCNAUGHTON,B.E.BONNER,W.D.CORNELIUS,E.W.HOFFMAN,O.B.VAN DYCK,R.L.YORK,
 R.D.RANSOME,C.L.HOLLAS,P.J.RILEY,K.TOSHIOKA)
 TITLE= SPIN TRNSFER MEASUREMENTS FOR PP-->PP AT 800 MEV
 REF=PR/C25(1982)1967
 <<<<D757>>>>

AUTH=(G.BARRIER-RONSIN,M.VERGNES,G.ROTBARD,J.VERNOTTE,S.FORTIER,J.M.MAISON,R.TAM
 ISIER)
 TITLE= MASS OF 197HG
 REF=PR/C25(1982)2848
 <<<<D769>>>>

AUTH=(H.ORIHARA,T.MURAKAMI,S.NISHIMURA,T.TAKAGAWA,K.MAEDA,K.MIURA,H.OHNUMA)
 TITLE= DIRECT EXCITATION OF THE ISOVECTOR DEFORMATION PARAMETER BETA2(1) FROM
 THE (P,N) REACTION OF 56FE
 REF=PL/B106(1981)171
 <<<<D770>>>>

AUTH=(K.H.TANAKA,S.KUBONO,S.KATA,S.I.HAYAKAWA,K.MORITA,T.NAKAGAWA,R.ASANO,M.IGAR
 ASHI)
 TITLE= ALLOWED EXCITATION OF UNNATURAL-PARITY STATES IN THE 208PB(4HE,6HE)
 REACTION
 REF=PL/B104(1981)205
 <<<<D771>>>>

AUTH=(M.NIWANO,T.ISHIMATSU,R.ASANO,T.SUEHIRO,M.TANAKA)
 TITLE= THE 59CO(D,3HE)58FE REACTION AND 58FE LEVELS IN THE PARTICLE-VIBRATION
 COUPLING MODEL
 REF=NP/A377(1982)148
 <<<<D772>>>>

AUTH=(H.ORIHARA,T.MURAKAMI,S.NISHIHARA,T.NAKAGAWA,K.MAEDA,K.MIURA,H.OHNUMA)
 TITLE= OBSERVATION OF T=1 AND T=0 GAMOW-TELLER STATES IN THE REACTION 54FE(P,N)
 54CO
 REF=PRL47(1981)301
 <<<<D774>>>>

AUTH=(T.YAMAGATA,S.KISHIMOTO,K.IWAMOTO,K.YUASA,M.TANAKA,S.NAKAYAMA,T.FUKUDA,M.IN
 OUE,M.FUJIWARA,Y.FUJITA,I.MIURA,H.OGATA)
 TITLE= HEXADECAPOLE COMPONENT IN THE GIANT QUADRUPOLE RESONANCE REGION OF 208PB
 REF=PL/B123(1983)169
 <<<<D775>>>>

AUTH=(Y.TAGISHI,K.KATORI,M.SASAGASE,M.SATO,T.MIKUMO)
 TITLE= ANALYZING POWERS FOR THE (P,ALPHA) REACTIONS ON 58,60,62NI AT EP=22MEV
 REF=NP/A339(1980)262
 <<<<D776>>>>

AUTH=(H.ORIHARA,S.NISHIHARA,K.FURUKAWA,T.NAKAGAWA,K.MAEDA,K.MIURA,H.OHNUMA)
 TITLE= ISOVECTOR FROM 0+ TO 0- TRNSITION OBSERVED IN THE REACTION 160(P,N)16F
 REF=PRL49(1982)1318
 <<<<D777>>>>

AUTH=(H.ORIHARA,G.C.KIANG,S.NISHIHARA,T.MURAKAMI,T.NAKAGAWA,K.FURUKAWA,K.MAEDA,K
 .MIURA,S.ADACHI,H.OHNUMA)
 TITLE= EXCITATION OF GIANT GAMOW-TELLER RESONANCES IN THE REACTION 140CE(P,N)140
 PR
 REF=PL/B118(1982)283
 <<<<D778>>>>

AUTH=(M.FUJIWARA,S.IMANISHI,Y.FUJITA,S.MORINOBU,T.YAMAZAKI,K.KATORI,S.I.HAYAKAWA

,H.IKEGAMI)
 TITLE= SPIN FLIP 1+ STRENGTH IN N=28 ISOTONES BY PROTON INELASTIC SCATTERING AT 65 MEV
 REF=XX(1984)437
 <<<<D780>>>>
 AUTH=(M.FUJIWARA,Y.FUJITA,I.KATAYAMA,S.NORINOBU,T.YAMAZAKI,H.IKEGAMI,S.I.HAYAKAWA,K.KATORI)
 TITLE= M1 STATES IN 58NI OBSERVED BY PROTON INELASTIC SCATTERING AT 65 MEV
 REF=NP/A410(1983)137
 <<<<D781>>>>
 AUTH=(H.SAKAI,K.HATANAKA,N.MATSUOKA,T.SAITO,A.SHIMIZU,M.TEIRI,K.IMAI,T.MOTOBAYASHI)
 TITLE= 12C(P,N)12N SPIN-TRANSFER MEASUREMENT AT 0 DEG. AND THE EFFECTIVE NUCLEON-NUCLEON INTERACTION
 REF=JP/GL10(1984)L139
 <<<<D782>>>>
 AUTH=(M.FUJIWARA,Y.FUJITA,S.MORINOBU,I.KATAYAMA,T.YAMAZAKI,T.TAHASHI,H.IKEGAMI,S.I.HAYAKAWA)
 TITLE= NEUTRON PARTICLE-HOLE MULTIPLY STATES IN 90ZR STUDIED BY PROTON INELASTIC SCATTERING
 REF=PL/B106(1981)51
 <<<<D783>>>>
 AUTH=(K.HATANAKA,N.MATSUOKA,H.SAKAI,T.SAITO,H.TAMURA,K.HOSONO,M.KONDO,K.IMAI,H.SHIMIZU,K.NISHIMURA)
 TITLE= ACCELERATION OF PROTONS AND DEUTERONS POLARIZED IN THE HORIZONTAL PLANE BY THE RCNP CYCLOTRON
 REF=NIM217(1983)397
 <<<<D784>>>>
 AUTH=(J.SCHIMIZU,W.YOKOTA,T.NAKAGAWA,Y.FUKUCHI,H.YAMAGUCHI,M.SATO,S.HANASHIMA,Y.NAGASHIMA,K.FURUNO,K.KATORI,S.KUBONO)
 TITLE= RESONANT STRUCTURES IN THE EXCITATION FUNCTIONS OF THE 20NE(160,12C)24MG REACTION
 REF=PL/B112(1982)323
 <<<<D785>>>>
 AUTH=(T.ISHIMATSU,M.NIWANO,N.KAWAMURA,H.OHMURA,T.AWAYA)
 TITLE= A SYSTEMATIC STUDY OF THE (P,D) STRENGTH FOR TRANSITIONS TO DEEPLY BOUND HOLE STATES
 REF=NP/A336(1980)205
 <<<<D786>>>>
 AUTH=(M.ISHIKAWA,S.SEKI,K.FURUNO,Y.TAGISHI,M.SAWADA,T.SUGIYAMA,K.MATSUDA,Y.KOIKE)
 TITLE= TENSOR ANALYZING POWERS FOR DEUTERON BREAK UP REACTION IN D-ALPHA SYSTEM
 REF=JPJ51(1982)1327
 <<<<D787>>>>
 AUTH=(E.TAKEDA,N.TAKAHASHI,T.MURAKAMI,Y.-W.LUI,T.YAMAYA,K.NAGATANI)
 TITLE= BREAKUP DOMINANCE AT HIGHER INCIDENT ENERGY IN THE 40CA(160,12C) REACTION
 REF=PL/B118(1982)307
 <<<<D788>>>>
 AUTH=(Y.AOKI,S.KUNORI,K.NAGANO,Y.TOBA,K.YAGI)
 TITLE= IMPORTANCE OF THE SEQUENTIAL TWO STEP TRANSFER PROCESS IN A DELTA S=1 AND DELTA T=1 INELASTIC TRANSITION OF THE 14N(P,P)14N REACTION
 REF=NP/A382(1982)269
 <<<<D791>>>>
 AUTH=(Y.GONO,K.HIRUTA,T.NOMURA,M.ISHIHARA,H.UTSUNOMIYA,T.SUGITATE,K.IEKI)
 TITLE= IN-BEAM ALPHA AND GAMMA-RAY SPECTROSCOPY FOR 214RN
 REF=JPJ50(1981)377
 <<<<D793>>>>
 AUTH=(E.TAKADA,T.SHIMODA,N.TAKAHASHI,T.YAMAYA,K.NAGATANI,T.UDAGAWA,T.TAMURA)
 TITLE= PROJECTILE BREAKUP REACTION AND EVIDENCE OF A BREAKUP-FUSION MECHANISM

REF=PR/C23(1981)772
 <<<<D794>>>>
 AUTH=(K.HATANAKA,N.MATSUOKA,T.SAITO,K.HOSONO,M.KONDO,S.KATO,T.HIGO,S.MATSUKI,Y.K
 ADOTA,K.OGINO)
 TITLE= SYSTEMATIC STUDY OF THE (D,P) REACTION WITH 56 MEV POLARIZED DEUTERONS
 REF=NP/A419(1984)530
 <<<<D795>>>>
 AUTH=(H.EJIRI,M.SASAO,T.SHIBATA,H.OHSUMI,Y.FUJITA,M.FUJIWARA,T.YAMAZAKI,I.KATAYA
 MA,S.NORINOBU,H.IKEGAMI)
 TITLE= INELASTIC PROTON SCATTERING TO PARTICLE-HOLE STATES IN 40CA AND SPIN-ISO
 SPIN EXCITATION OF PION SYMMETRY STATES
 REF=PR/C24(1981)2001
 <<<<D796>>>>
 AUTH=(K.HATANAKA,M.FUJIWARA,K.HOSONO,N.MATSUOKA,T.SAITO,H.SAKAI)
 TITLE= 24MG(P,D)23MG REACTION AT 65 AND 80 MEV
 REF=PR/C29(1984)13
 <<<<D797>>>>
 AUTH=(H.ENDO,T.YAMAYA,K.UMEDA,S.MORITA)
 TITLE= WEAK TRANSITION IN THE 42,44CA(D,P)43,45CA REACTION ABOVE AND BELOW THE
 COULOMB BARRIER
 REF=JPJ51(1982)3782
 <<<<D798>>>>
 AUTH=(M.KOIKE,K.KOMURA,H.KAWAKAMI,M.KANBE,H.YAMADA,G.MADIUEME,S.SHIBATA,T.FUJISA
 WA,T.WADA)
 TITLE= ELECTRIC MONOPOLE TRANSITIONS BETWEEN 0+ STATES IN 102RU
 REF=PR/C24(1981)1611
 <<<<D799>>>>
 AUTH=(M.MATABA,K.TSUJI,K.MARUBAYASHI,T.SHINTAKE,K.OHBA,T.NOMIYAMA)
 TITLE= ENERGY DEPENDENCE OF THE ZERO-RANGE NORMALIZATION CONSTANT FOR
 THE (P,T) REACTION AT INCIDENT ENERGIES OF 34.9,45.1,54.7 AND 65.0 MEV
 REF=PR/C25(1982)2819
 <<<<D800>>>>
 AUTH=(S.MATSUKI,N.SAKAMOTO,K.OGINO,Y.KADOTA,T.TANABE,Y.OKUMA)
 TITLE= LEVEL STRUCTURE OF 76KR FROM THE 78KR(P,T)76KR REACTION
 REF=NP/A370(1981)1
 <<<<D802>>>>
 AUTH=(K.FUKUNAGA,T.OHSAWA,S.SAKIGI,A.OKIHANA,S.TANAKA,T.SEKIOKA,H.NAKAMURA-YOKOY
 TA)
 TITLE= ENERGY SPECTRA OF DEUTERONS AND PROTONS FOR THE D+D REACTION AT 60 MEV
 REF=NP/A390(1982)19
 <<<<D803>>>>
 AUTH=(S.I.HAYAKAWA,M.FUJIWARA,S.IMANISHI,Y.FUJITA,I.KATAYAMA,S.MORINOBU,T.YAMAZA
 KI,T.ITAHASHI,H.IKEGAMI)
 TITLE= MI STRENGTH IN 208PB FROM (P,P) AND (D,3HE) REACTIONS
 REF=PRL49(1982)1624
 <<<<D804>>>>
 AUTH=(H.SHIMIZU,K.IMAI,N.TANURA,K.NISIMURA,K.HATANAKA,T.SAITO,T.KOIKE,Y.TANIGUCH
 I)
 TITLE= ANALYZING POWERS AND CROSS SECTIONS IN ELASTIC P-D SCATTERING AT 65 MEV
 REF=NP/A382(1982)242
 <<<<D805>>>>
 AUTH=(K.OGINO,Y.KADOTA,H.HAGA,S.MATSUKI,T.SHIBA,N.SAKAMOTO,Y.OKUMA,T.YANABU)
 TITLE= FRAGMENTATION OF LOW-LYING HEXADECAPOLE STATES IN EVEN 74-82SE AND A RPA
 CALCULATION
 REF=PL/B130(1983)147
 <<<<D806>>>>
 AUTH=(K.KATORI,S.HANASHIMA,K.FURUNO,J.SCHIMIZU,Y.HIGASHI,Y.NAGASHIMA, SUGITATE,K
 S.M.LEE)
 TITLE= STRONG EVIDENCE OF ALPHA-PARTICLE DOORWAY STATES IN 28SI

OBSERVED IN ALPHA-DECAYS TO LOW-LYING STATES OF ^{24}Mg
 REF=PL/B90(1980)233
 <<<<D807>>>>
 AUTH=(S.KOHMOTO,M.ISHIHARA,H.KAMITSUBO,T.NOMURA,Y.GONO,H.UTSUNOMIYA,T.SUGITATE,K.IEKI)
 TITLE= FINAL-STATE INTERACTION AND TIME INFORMATION IN ^{14}N -INDUCED REACTION STUDIED BY ALPHA-ALPHA CORRELATIONS
 REF=PL/B114(1982)107
 <<<<D809>>>>
 AUTH=(T.ICHIHARA,H.SAKAGUCHI,M.NAKAMURA,T.NORO,F.OHTANI,H.SAKAMOTO,H.OGAWA,M.YOSOI,M.IEIRI,N.ISSHIKI,S.KOBAYASHI)
 TITLE= MULTIPOLE MOMENTS OF ^{16}Ge , ^{16}Er , ^{174}Yb , AND ^{176}Yb FROM 65MEV POLARIZED PROTON INELASTIC SCATTERING AND DENSITY DEPENDENCE OF THE EFFECTIVE INTERACTION
 REF=PR/C29(1984)1228
 <<<<D810>>>>
 AUTH=(I.KATAYAMA,S.NORINOBU,M.FUJIWARA,Y.FUJITA,T.YAMAZAKI,H.IKEGAMA)
 TITLE= DOUBLE-HOLE ANALOG STATES IN NI ISOTOPES
 REF=PL/B137(1984)150
 <<<<D811>>>>
 AUTH=(M.SAWADA,S.SEKI,K.FURUNO,Y.TAGISHI,Y.NAGASHIMA,J.SCHIMIZU,M.ISHIKAWA,T.SUGIYAMA,L.S.CHUANG,W.GRUEBLER,JSANADA,Y.KOIKE,Y.TANIGUCHI)
 TITLE= COMPLETE SET OF FIRST-ORDER POLARIZATION OBSERVABLES IN NUCLEON-DEUTERON ELASTIC SCATTERING NEAR 20 MEV DEUTERON ENERGY
 REF=PR/C27(1983)1932
 <<<<D812>>>>
 AUTH=(MICHIO ISHIKAWA,SEIJI SEKI,KOHEI FURUNO,YOSHIHIRO TAGISHI,MASAYASU SAWADA,TSUNETOSHI SUGIYAMA,KAZUNORI MATSUDA,JUNPEI SANADA,YASURO KOIKE)
 TITLE= TENSOR ANALYZING POWERS FOR DEUTERON BREAKUP REACTION IN $\text{D}+\alpha$ SYSTEM
 REF=JPJ51(1982)1327
 <<<<D813>>>>
 AUTH=(M.ISHIKAWA,S.SEKI,K.FURUNO,Y.TAGISHI,M.SAWADA,T.SUGIYAMA,K.MATSUDA,T.MURAYAMA,N.X.DAI,J.SANADA,Y.KOIKE)
 TITLE= $^4\text{He}(\text{D},\text{P})\text{N}$, ^4He REACTION AT 12 AND 21 MEV DEUTERON ENERGY
 REF=PR/C28(1983)1884
 <<<<D814>>>>
 AUTH=(N.MATSUOKA,K.HATANAKA,T.SAITO,T.ITAHASHI,K.HOSONO,A.SHIMIZU,M.KONDO,F.OHTANI,O.CYNISHI)
 TITLE= PROTON-NEUTRON CORRELATION IN THE DEUTERON BREAKUP AT 56 MEV AND PRIOR-FORM DWBA ANALYSIS
 REF=NP/A391(1982)357
 <<<<D815>>>>
 AUTH=(H.SAKAI,K.HATANAKA,N.MATSUOKA,T.SAITO,A.SHIMIZU,T.MOTOBAYASHI,T.SHIBATA)
 TITLE= ANALYZING POWER OF THE NEUTRON CONTINUUM SPECTRUM FOR THE $^{93}\text{Nb}(\text{P},\text{N},\text{X})$ REACTION AT 65 MEV AND A DWBA ANALYSIS
 REF=PL/B133(1983)375
 <<<<D816>>>>
 AUTH=(N.MATSUOKA,K.HATANAKA,H.SAKAI,T.SAITO,K.HOSONO,T.ITAHASHI,T.SHIMIZU,M.KONDO,H.SAKAGUCHI,F.OHTANI)
 TITLE= TENSOR ANALYZING POWERS OF THE PROTON CONTINUUM SPECTRA FROM DEUTERON BREAKUP AT 56 MEV
 REF=NP/A408(1983)99
 <<<<D817>>>>
 AUTH=(K.HOSONO,N.MATSUOKA,K.HATANAKA,T.SAITO,T.NORO,M.KONDO,S.KATO,K.OKADA,K.OGINO,Y.KADOTA)
 TITLE= ANALYZING POWERS FOR PROTON INELASTIC SCATTERING TO UNNATURAL-PARITY STATES IN ^{40}Ca AND ^{28}Si
 REF=PR/C26(1982)1440
 <<<<D818>>>>
 AUTH=(K.OKADA,H.EJIRI,T.SHIBATA,Y.NAGAI,T.MOTOBAYASHI,H.OHSUMI,M.NOUMACHI,A.SHIM

IZU, K. MAEDA)
 TITLE= EVIDENCE FOR FAST-NEUTRON EMISSION FROM THE GIANT QUADRUPOLE RESONANCE
 IN 119SN
 REF=PRL48(1982)1382
 <<<<D819>>>>

AUTH=(T. MINAMISONO, K. H. TANAKA, Y. NOJIRI, K. ASAHI, N. TAKAHASHI)
 TITLE= SYSTEMATICS OF THE NUCLEAR SPIN POLARIZATION OF 12B IN 14N INDUCED HEAVY
 ION REACTIONS
 REF=X15/16(1983)25
 <<<<D820>>>>

AUTH=(M. ADACHI, A. MUROI, T. MATSUZAKI, H. TAKETANI)
 TITLE= LOW-LYING STATES IN 112IN
 REF=ZP/A295(1980)251
 <<<<D821>>>>

AUTH=(Y. TAGISHI, T. B. CLEGG, E. J. LUDWIG, S. A. TONSFELDT, J. F. WILKERSON)
 TITLE= STUDY OF (D, ALPHA) REACTIONS ON 32S, 36AR AND 38AR WITH VECTOR- AND
 TENSOR-POLARIZED DEUTERONS
 REF=NP/A377(1982)1
 <<<<D822>>>>

AUTH=(S. MATSUKI, T. HIGO, T. OHSAWA, T. SHIBA, T. YANABU, K. OGINO, Y. KADOTA, K. HAGA, N. SAKAM
 OTO, K. KUME, M. MATOBA)
 TITLE= INELASTIC SCATTERING OF POLARIZED PROTONS AND A POSSIBLE HEXADECAPOLE-
 SHAPE TRANSITION BETWEEN THE LIGHT 74,76,78SE AND THE HEAVY 80,82SE ISOTOPES
 REF=PRL51(1981)1741
 <<<<D824>>>>

AUTH=(J. KASAGI, H. OHNUMA)
 TITLE= LEVELS AND ELECTROMAGNETIC TRANSITIONS IN 51CR
 REF=JPJ48(1980)351
 <<<<D825>>>>

AUTH=(W. D. CORNELIUS, J. M. MOSS, T. YAMAYA)
 TITLE= POLARIZATION TRANSFER IN THE (P, P) REACTION ON LIGHT NUCLEI
 REF=PR/C23(1981)1364
 <<<<D826>>>>

AUTH=(Y. ARAI, M. FUJIOKA, E. TANAKA, T. SHINOZUKA, H. MIYATAKE, M. YOSHI, T. ISHIMATSU)
 TITLE= THE DECAY OF THE $TZ=-1/2$ NUCLIDE 59ZN
 REF=PL/B104(1981)186
 <<<<D827>>>>

AUTH=(T. SHIMODA, S. SHIMOMURA, T. FUKUDA, M. TANAKA, H. OGATA, I. MIURA, E. TAKADA, M-K TANAK
 A, K. TAKIMOTO, K. KATORI)
 TITLE= ORIGIN OF THE MOLECULAR-RESONANCE-LIKE STRUCTURES IN THE 12C(16O, ALPHA)
 REACTION STUDIED BY AN ALPHA-HI CORRELATION MEASUREMENT
 REF=JP/GL9(1983)199
 <<<<D828>>>>

AUTH=(T. MOTOBAYASHI, H. EJIRI, T. SHIBATA, K. OKADA, M. SASAO, K. MAEDA, H. SUZUKI, A. SHIMIZU
 , H. SAKAI)
 TITLE= BREAKUP PROCESS FOR 100 MEV 3HE INTERACTING WITH 165HO AND 166,167ER
 NUCLEI
 REF=NP/A413(1984)290
 <<<<D829>>>>

AUTH=(H. YOKOTA, K. FUJIOKA, K. ICHIMARU, Y. MIHARA, R. CHIBA)
 TITLE= THE $T=1$, ISOSPIN TRIPLET STATES IN $A=30$ NUCLEI
 REF=NP/A383(1982)298
 <<<<D830>>>>

AUTH=(H. OHNUMA, H. ORIHARA)
 TITLE= EFFECTIVE INTERACTION IN LOW-ENERGY (P, N) REACTIONS
 REF=PTP67(1982)353
 <<<<D831>>>>

AUTH=(M. J. A. DE VOIGT, K. MAEDA, H. EJIRI, T. SHIBATA, K. OKADA, T. MOTOBAYASHI, M. SASAO, T. K
 ISHIMOTO, H. SUZUKI, H. SAKAI, A. SHIMIZU)

TITLE= ENERGY AND ANGULAR MOMENTUM TRANSFERS IN EQUILIBRIUM AND PRE-EQUILIBRIUM
 158GD(ALPHA,XN) REACTIONS
 REF=NP/A379(1982)160
 <<<<D832>>>>

AUTH=(K.MAEDA,T.SHIBATA,H.EJIRI,H.SAKAI)
 TITLE= NEUTRON-MULTIPLICITY DISTRIBUTIONS FOR (ALPHA,XN,GAMMA) REACTIONS WITH
 E(ALPHA)=50-120 MEV AND THE PRE-EQUILIBRIUM NEUTRON DEEXCITATION PROCESSES
 REF=PR/C28(1983)635
 <<<<D833>>>>

AUTH=(Y.AOKI,H.IIDA,K.HASHIMOTO,K.NAGANO,M.TAKEI,Y.TOBA,K.YAGI)
 TITLE= ELASTIC AND INELASTIC SCATTERING OF POLARIZED PROTONS FROM THE ISOTOPES
 104,106,108,110PD
 REF=NP/A394(1983)413
 <<<<D834>>>>

AUTH=(H.OHNUMA,J.KASAGI)
 TITLE= HINDERED INTERBAND M1 TRANSITION IN 49V AND THE DEFORMATION OF HOLE
 STATES
 REF=JP/G7(1981)1691
 <<<<D835>>>>

AUTH=(K.A.SNOVER,G.FELDMAN,M.M.HINDI,E.KUHLMANN,M.N.HARAKEH,M.SASAO,M.NOUMACHI,Y
 .FUJITA,M.FUJIWARA,Y.FUJITA,M.FUJIWARA,K.HOSONO)
 TITLE= 27AL(P,GAMMA)28SI AND 27AL(3HE,D)28SI TO THE STRETCHED 11.58 MEV (6-,0)
 AND 14.36 MEV (6-,1) LEVELS
 REF=PR/C27(1983)493
 <<<<D836>>>>

AUTH=(T.YAMAGATA,S.KISHIMOTO,K.YUASA,B.SAEKI,K.IWAMOTO,M.TANAKA,T.FUKUDA,I.MIURA
 ,M.INOUW,H.OGATA)
 TITLE= EXCITATION OF GIANT MONOPOLE RESONANCES IN 144SM AND 208PB BY (ALPHA,
 ALPHA) REACTIONS AT E(ALPHA)=84-119 MEV
 REF=NP/A381(1982)277
 <<<<D838>>>>

AUTH=(T.FUKUDA,M.ISHIHARA,M.TANAKA,H.OGATA,I.MIURA,M.INOUE,T.SHIMODA,K.KATORI,S.
 NAKAYAMA)
 TITLE= CORRELATIONS BETWEEN THE ALPHA PARTICLES AND EJECTILES IN THE 208 MEV 14N
 ON 93NB REACTION AT THREE DIFFERENT EJECTILE ANGLES
 REF=PR/C27(1983)2029
 <<<<D839>>>>

AUTH=(K.HATANAKA,N.MATSUOKA,H.SAKAI,T.SAITO,K.HOSONO,Y.KOIKE,M.KONDO,K.IMAI,H.SH
 IMIZU,T.ICHIHARA,K.NISHIMURA,A.OKIHANA)
 TITLE= MEASUREMENTS OF ANALYZING POWERS A(Y), A(XX), A(YY) AND A(XZ) IN DP
 ELASTIC SCATTERING AT E(D)=56 MEV
 REF=NP/A426(1984)77
 <<<<D841>>>>

AUTH=(H.ORIHARA,C.D.ZAFIRATOS,S.NISHIHARA,K.FURUKAWA,M.KABASAWA,K.MAEDA,K.MIURA,
 H.OHNUMA)
 TITLE= OBSERVATION OF GAMOW-TELLER STRENGTH DISTRIBUTION IN THE REACTION 71GA(P,
 N)71GE FOR APPLICATION TO SOLAR-NEUTRINO DETECTION
 REF=PRL51(1983)1328
 <<<<D842>>>>

AUTH=(T.SUGITATE,T.NOMURA,M.ISHIHARA,Y.GONO,H.UTSUNOMIYA,K.IEKI,S.KOHMOTO)
 TITLE= POLARIZATION OF PREEQUILIBRIUM PROTON EMISSION IN THE 93NB+14N REACTION
 REF=NP/A388(1982)402
 <<<<D843>>>>

AUTH=(ORIHARA,K.OGAWA,T.MURAKAMI,S.NISHIHARA,T.NAKAGAWA,K.MAEDA)
 TITLE= OBSERVATION OF ISOSPIN MIXING FOR THE ISOBARIC ANALOG STATE IN 56CO
 THROUGH THE 56FE(P,N)56CO REACTION
 REF=NP/A403(1983)317
 <<<<D845>>>>

AUTH=(M.T.OKUMUSOGLU,,J.BIRCHALL,M.S.A.L.AL-GHAZI,C.LAPOINTE,J.S.C.MCKEE,H.E.CON

ZETT,R.M.LARIMER,P.VON ROSSEN)
 TITLE= THE ELASTIC SCATTERING OF POLARISED PROTONS BY 40AR
 REF=NP/A393(1983)45
 <<<<D846>>>>

AUTH=(F.TERRASI,A.BRONDI,P.CUZZOCREA,R.MORO,G.LA RANA,M.ROMANO,B.GONSIOR,N.NOTTH
 OFF,E.KABUSS)
 TITLE= PROTON DIRECT CAPTURE ON 40CA
 REF=NP/A394(1983)405
 <<<<D848>>>>

AUTH=(F.TODD BAKER,ALAN SCOTT,M.A.GRIMM,W.G.LOVE,V.PENUMETCHA,C.GLASHAUSSER,G.S.
 ADAMS,G.IGO,G.W.HOFFMANN,J.M.MOSS,W.SWENSON,B.E.WOOD)
 TITLE= THE 90ZR(P,P) REACTIONS AT E=800 MEV
 REF=NP/A393(1983)283
 <<<<D849>>>>

AUTH=(G.A.MOSS,C.A.DAVIS,J.M.GREVEN,L.G.GREENIAUS,G.ROY,J.UEGAKI,R.ABEGG,D.A.HUT
 CHEON,C.A.MILLER,W.T.H.VAN OERS,)
 TITLE= A MEASUREMENT OF THE WOLFENSTEIN R-PARAMETER IN P-4HE ELASTIC SCATTERING
 AT 500 MEV
 REF=NP/A392(1983)361
 <<<<D850>>>>

AUTH=(V K MITTAL,D K AVASTHI,I M GOVIL)
 TITLE= STUDY OF LOW-LYING LEVELS IN 59NI
 REF=JP/G9(1983)91
 <<<<D851>>>>

AUTH=(P.SCHOBER,H.H.MUELLER,W.PFEIFER,H.JASICEK)
 TITLE= AN INVESTIGATION OF 86SR WAVE FUNCTIONS WITH THE(P,ALPHA) REACTION AT
 E(P)=35MEV
 REF=NP/A398(1983)203
 <<<<D852>>>>

AUTH=(A.V.BLINOV,I.A.VANYUSHIN,I.D.VOITENKO,V.E.GRECHKO,V.A.ERGA KOV,S.M.ZOMKOVSK
 II,L.A.KOND RATYUK,YU.V.KOROLEV,YA.M.SELEKTOR,V.V.SOLOVEV,YU.V.TREBUKHOVSKII,V.F.
 TUROV,I.V.CHUVILO,V.N.SHULYACHENKO)
 TITLE= STUDY OF THE DIFFERENTIAL CROSS SECTIONS FOR THE REACTIONS 3H(P,N)3HE
 AND 3H(P,P)3H AT A TRITON MOMENTUM 205GEV/C
 REF=SNP35(1982)301
 <<<<D853>>>>

AUTH=(K.KWIATKOWSKI,S.H.ZHOU,T.E.WARD,V.E.VIOLA.JR.,H.BREUER,G.J.MATHEWS,A.GOEKM
 EN,A.C.MIGNEREY)
 TITLE= ENERGY DEPOSITION IN INTERMEDIATE-ENERGY NUCLEON-NUCLEUS COLLISIONS
 REF=PRL50(1983)1648
 <<<<D855>>>>

AUTH=(S.L.BELOSTOTSKY,YU.V.DOTSENKO,J.ERO,Z.FODOR,L.G.KUDIN,N.P.KUROPATKIN,A.A.
 KOBODENKO,V.N.NIKULIN,O.E.PROKOFEV,Z.SERES,E.N.VOLNIN,A.A.VOROBYOV)
 TITLE= POLARIZATION IN INCLUSIVE SCATTERING OF PROTONS FROM NUCLEI AT 1 GEV
 REF=PL/B124(1983)469
 <<<<D859>>>>

AUTH=(F.PELLEGEINE,D.TRIVISONNO,S.AVON,R.BIANCHIN,R.RUI)
 TITLE= (P,ALPHA) REACTIONS ON 1P, 2S-1D SHELL NUCLEI
 REF=PR/C28(1983)42
 <<<<D860>>>>

AUTH=(W.SCOBEL,L.F.HANSEN,B.A.POHL,C.WONG,M.BLANN)
 TITLE= DOUBLE DIFFERENTIAL CROSS SECTIONS FOR (P,XN) REACTIONS OF 64ZN, 65CU AND
 89Y WITH 26MEV PROTONS
 REF=ZP/A311(1983)323
 <<<<D862>>>>

AUTH=(H.OBERHUMMER,W.PFEIFER,F.BRUNNER,H.H.MULLER)
 TITLE= MICROSCOPIC MODEL FOR THE TRANSFER REACTIONS (N,ALPHA) AND
 (ALPHA,N) USING THE ISOSPIN FORMALISM
 REF=NP/A401(1983)415

<<<<D863>>>>
AUTH=(L.V.BAKANOV,K.N.ERMAKOV,V.D.LEBEDEV,V.V.MIROSHKIN,V.V.PASHUK,M.V.STABNIKOV
,M.G.TVERSKOY)
TITLE= PROTON + 40AR REACTION CROSS SECTION AT 1 GEV
REF=JP/G9(1983)L43

<<<<D864>>>>
AUTH=(S.J.SEESTROM-MORRIS,J.M.MOSS,J.B.MCCLELLAND,W.D.CORNELIUS,T.A.CAREY,N.M.HI
NTZ,M.GAZZALY,M.A.FRANEY,S.NANDA,B.AAS)
TITLE= SPIN-FLIP PROBABILITY IN $^{12}\text{C}(P,P)^{12}\text{C}$ AT 397 MEV
REF=PR/C26(1982)2131

<<<<D865>>>>
AUTH=(J.L.CLARK,P.E.HAUSTEIN,T.J.RUTH,J.HUDIS,A.A.CARETTO-JR.)
TITLE= INCLUSIVE PI^- PRODUCTION WITH 200 MEV PROTONS: RADIOCHEMICAL STUDY OF
THE $^{209}\text{BI}(P,\text{PI}^-,XN)(210-X)$ AT REACTION
REF=PR/C26(1982)2073

<<<<D866>>>>
AUTH=(G.PAULETTA,G.ADAMS,S.M.HAJI-SAEID,G.J.IGO,J.B.MCCLELLAND,A.T.M.WANG,C.A.WH
ITTEN-JR.,A.WRIEKAT,M.M.GAZZALY,N.TANAKA)
TITLE= DIFFERENTIAL CROSS SECTIONS AND ANALYZING POWERS FOR PP ELASTIC
SCATTERING AT 1.46 GEV/C IN THE COULOMB-NUCLEAR INTERFERENCE REGION
REF=PR/C27(1983)282

<<<<D867>>>>
AUTH=(H.O.MEYER,P.SCHWANDT,W.W.JACOBS,J.R.HALL)
TITLE= PROTON SCATTERING FROM ^{12}C BETWEEN 120 AND 200 MEV AND THE OPTICAL
POTENTIAL
REF=PR/C27(1983)459

<<<<D868>>>>
AUTH=(K.A.SNOVER,G.FELDMAN,M.M.HINDI,E.KUHLMANN,M.N.HARAKEH,M.SASAO,M.NOUMACHI,Y
.FUJITA,M.FUJIWARA,K.HOSONO)
TITLE= $^{27}\text{AL}(P,\text{GAMMA})^{28}\text{SI}$ AND $^{27}\text{AL}(^3\text{HE},D)^{28}\text{SI}$ TO THE STRETCHED 11.58 MEV (6-,0)
AND 14.36MEV (6-,1) LEVELS
REF=PR/C27(1983)493

<<<<D869>>>>
AUTH=(M.J.BARLETT,G.W.HOFFMANN,J.A.MCGILL,B.HOISTAD,L.RAY,R.W.FERGERTSON,E.C.MILN
ER,J.A.MARSHALL,G.F.AMANN,B.E.BONNER,J.B.MCCLELLAND,R.A.ARNDR)
TITLE= FORWARD-ANGLE ELASTIC AND QUASI-ELASTIC PROTON-NUCLEON CROSS SECTIONS AND
ANALYZING POWERS AT 0.8 GEV
REF=PR/C27(1983)682

<<<<D870>>>>
AUTH=(R.O.NELSON,EG.BILPUCH,C.R.WESTERFELDT,G.E.MITCHELL)
TITLE= PROTON RESONANCES IN ^{30}P
REF=PR/C27(1983)930

<<<<D872>>>>
AUTH=(S.RAMAN,E.T.JURNEY,D.A.OUTLAW,I.S.TOWNER)
TITLE= ^{34}CL SUPERALLOWED BETA DECAY
REF=PR/C27(1983)1188

<<<<D874>>>>
AUTH=(B.W.FILIPPONE,A.J.ELWYN,C.N.DAVIDS,D.D.KOETKE)
TITLE= MEASUREMENT OF THE $^{7}\text{BE}(P,\text{GAMMA})^8\text{B}$ REACTION CROSS SECTION AT LOW ENERGIES
REF=PRL50(1983)412

<<<<D875>>>>
AUTH=(M.D.CORCORAN,M.M.CALKIN,J.H.HOFTIEZER,G.S.MUTCHLER,M.W.ARENTON,D.S.AYRES,R
.DIEBOLD,E.N.MAY,L.NODULMAN,J.R.SAUER,A.B.WICKLUND,E.C.SWALLON)
TITLE= ANALYZING POWER IN THE REACTION $\text{PP}\rightarrow\text{DPI}^+$ FOR BEAM MOMENTA FROM 1.17 TO
1.96 GEV/C
REF=PL/B120(1983)309

<<<<D876>>>>
AUTH=(L.W.PUT,M.N.HARAKEH)
TITLE= HADRONIC EXCITATION OF THE OCTUPOLE BANDS IN DEFORMED NUCLEI: NECESSITY

OF THE ISOSCALAR DIPOLE DEGREE OF FREEDOM?
REF=PL/B119(1982)253
<<<<D877>>>>
AUTH=(J.RAPAPORT,T.TADDEUCCI,T.P.WELCH,D.J.HOREN,J.B.MCGRORY,C.GAARDE,J.LARSEN,E
.SUGARBAKER,P.KONCZ,C.C.FOSTER,C.D.GOODMAN,C.A.GOULding,T.MASTERSON)
TITLE= EXCITATION OF GAMOW-TELLER RESONANCES IN A=58 NUCLEI
REF=PL/B119(1982)61
<<<<D878>>>>
AUTH=(P.SCHMALBROCK,H.W.BECKER,L.BUCHMANN,L.GOERRES,C.ROLFS,H.P.TRAUTVETTER,W.S.
RODNEY)
TITLE= SEARCH FOR GAMMA-RAY TRANSITIONS WITHIN THE 5LI GROUND STATE
REF=ZP/A310(1983)243
<<<<D880>>>>
AUTH=(S.KAILAS,S.K.GUPTA,M.K.MEHTA)
TITLE= INTERMEDIATE WIDTH STRUCTURES IN THE REACTION 50TI(P,N)50V
REF=ZP/A309(1983)267
<<<<D882>>>>
AUTH=(D.K.HASELL,N.E.DAVISON,T.N.NASR,B.T.MURDOCH,A.M.SOURKES,W.T.H.VAN OERS)
TITLE= ELASTIC AND INELASTIC SCATTERING OF PROTONS FROM 24MG WITH COUPLED
CHANNELS ANALYSIS FOR THE ENERGY RANGE 17-185 MEV.
REF=PR/C27(1983)482
<<<<D884>>>>
AUTH=(J.R.CALARCO,S.S.HANNA,C.C.CHANG,E.M.DIENER,E.KUHLMANN,G.A.FISHER)
TITLE= ABSOLUTE CROSS SECTION FOR THE REACTION 3H(P,GAMMA)4HE AND A REVIEW OF
4HE(GAMMA,P)3H MEASUREMENTS
REF=PR/C28(1983)483
<<<<D885>>>>
AUTH=(M.KICINSKA-HABIOR,P.DECOWSKI,M.DABROWSKA,W.GROCHULSKI,P.JARACZ,T.MATULEWIC
Z,B.SIKORA,J.TOKE,E.SOMORJAI)
TITLE= ANALYSIS OF THE 27AL(P,GAMMA)28SI REACTION AT SUBBARRIER ENERGIES IN
TERMS OF THE DIRECT-SEMIDIRECT MODEL
REF=ZP/A312(1983)89
<<<<D886>>>>
AUTH=(YU.V.RYABOV,G.K.MATUSHKO,V.N.SLASTNIKOV)
TITLE= MEASUREMENT OF THE AVERAGE NEUTRONS YIELD FROM 250 MEV PROTONS ABSORBED
IN A LEAD TARGET
REF=ZP/A311(1983)363
<<<<D888>>>>
AUTH=(M.BRAUN,T.FRIED)
TITLE= ELASTIC BACKSCATTERING CROSS SECTIONS OF PROTONS ON OXYGEN
REF=ZP/A311(1983)173
<<<<D894>>>>
AUTH=(A.SAHA,KAMAL K.SETH,H.NANN)
TITLE= SYSTEMATICS OF GROUND STATE(P,T) TRANSITIONS IN CALCIUM ISOTOPES
REF=PR/C27(1983)405
<<<<D895>>>>
AUTH=(R.A.DEWBERRY,R.T.KOUZES,R.A.NAUMANN)
TITLE= MASS OF 104CD
REF=PR/C27(1983)892
<<<<D896>>>>
AUTH=(N.KNIEST,E.HUTTEL,J.GUENZL,G.CLAUSNITZER,P.G.BIZZETI,P.R.MAURENZIG,N.TACCE
TTI)
TITLE= SEARCH FOR PARITY NONCONSERVATION IN THE REACTION 19F(P,ALPHA)16O
REF=PR/C27(1983)906
<<<<D898>>>>
AUTH=(G.NANN,D.W.MILLER,W.W.JACOBS,D.W.DEVINS,W.P.JONES,LIQING-LI)
TITLE= SYSTEMATICS OF (P,D) ANALYZING POWERS AT 94 MEV
REF=PR/C27(1983)1073
<<<<D900>>>>

AUTH=(EIICHI ARAI,MASANOBU FUTAKUCHI,JUN KOMAKI,MASAO OGAWA,YOSHIYUKI OGURI)
 TITLE= HIGH-RESOLUTION MEASUREMENTS OF ANALOGUE STATES IN 51MN
 REF=JPJ52(1983)802
 <<<<D901>>>>

AUTH=(L.W.MITCHELL,D.G.SARGOOD)
 TITLE= THE 55MN(P,GAMMA)56FE AND 55MN(P,N)55FE CROSS SECTION
 REF=AUJ36(1983)1
 <<<<D902>>>>

AUTH=(M.ALLAB,A.BOUCEENNA,M.HADDAD)
 TITLE= NIVEAUX DU 10B EXCITES DANS LA DIFFUSION ELASTIQUE 9BE + P A 2<=EP<=5MEV
 REF=JPR44(1983)579
 <<<<D903>>>>

AUTH=(B.ZWIEGLINSKI,G.M.CRAWLEY,J.A.NOLEN-JR,R.M.RONNINGEN)
 TITLE= COUPLED CHANNEL EFFECTS IN 26MG(P,P) AT 40 MEV
 REF=PR/C28(1983)542
 <<<<D905>>>>

AUTH=(M.HUGI,W.BAUHOFF,H.O.MEYER)
 TITLE= 12C(P,P)12C REACTION AT MEDIUM ENERGIES: LARGE MOMENTUM TRANSFER AND
 DENSITY DEPENDENT FORCES
 REF=PR/C28(1983)1
 <<<<D906>>>>

AUTH=(G.CIANGARU,C.C.CHANG,G.D.HOLMGREN,A.NADASEN,P.G.ROOS,A.A.COWLEY,S.MILLS,P.
 P.SINGH,M.K.SABER,J.R.HALL)
 TITLE= CONTINUUM SPECTRUM IN THE QUASIFREE (P,2P) SCATTERING
 REF=PR/C27(1983)1360
 <<<<D907>>>>

AUTH=(R.M.RONNINGEN,G.M.CRAWLEY,N.ANANTARAMAN,S.M.BANKS,B.M.SPICER,G.G.SHUTE,V.C
 .OFFICER,J.M.R.WASTELL,D.W.DEVINS,D.L.FRIESEL)
 TITLE= MULTIPOLE MOMENTS OF 154SM AND 166ER BY INELASTIC SCATTERING OF 134 MEV
 PROTONS
 REF=PR/C28(1983)123
 <<<<D908>>>>

AUTH=(B.W.FILIPPONE,A.J.ELWYN,C.N.DAVIDS,D.D.KOETKE)
 TITLE= PROTON CAPTURE CROSS SECTION OF 7BE AND THE FLUX OF HIGH ENERGY SOLAR
 NEUTRINOS
 REF=PR/C28(1983)2222
 <<<<D911>>>>

AUTH=(P.DENES,B.D.DIETERLE,D.M.WOLFE,T.BOWLES,T.DOMBECK,J.E.SIMMONS,T.S.BHATIA,G
 .GLASS,W.B.TIPPENS)
 TITLE= PRODUCTION OF POSITIVE PIONS BY 800 MEV PROTONS ON CARBON
 REF=PR/C27(1983)1339
 <<<<D912>>>>

AUTH=(D.W.MILLER,W.W.JACOBS,D.W.DEVINS,W.P.JONES)
 TITLE= 24MG(P,D) ANALYZING-POWER MEASUREMENTS AT 95 MEV
 REF=PR/C26(1982)1793
 <<<<D914>>>>

AUTH=(J.D.ZUMBRO,A.A.ROLLEFSON,R.W.TARARA,C.P.BROWNE)
 TITLE= Q VALUES FOR PROTON- AND DEUTERON-INDUCED REACTIONS ON SELENIUM TARGETS
 REF=PR/C26(1982)2668
 <<<<D917>>>>

AUTH=(A.BRACCO,H.P.GUBLER,D.K.HASELL,W.T.H.VAN OERS,M.B.EPSTEIN,D.J.MARGAZIOTIS,
 R.ABEGG,C.A.MILLER,H.POSTMA,A.W.STETZ,P.SCHWANDT)
 TITLE= STUDY OF TWO-NUCLEON WAVE FUNCTIONS IN 3HE
 REF=PRL50(1983)1741
 <<<<D918>>>>

AUTH=(I.AHMAD,J.E.GINDLER,R.R.BETTS,R.R.CHASMAN,A.M.FRIEDMAN)
 TITLE= POSSIBLE GROUND-STATE OCTUPOLE DEFORMATION IN 229PA
 REF=PRL49(1982)1758
 <<<<D919>>>>

AUTH=(D.G.BURKE,J.W.BLEZIUS)
 TITLE= DIRECT EVIDENCE FOR MIXING OF TWO-QUASIPROTON AND TWO-QUASINEUTRON
 CONFIGURATIONS IN 172YB
 REF=CJP60(1982)1751
 <<<<D920>>>>

AUTH=(K.ELSENER,W.GRUEBLER,V.KONIG,C.SCHWEIZER,P.A.SCHMELZBACH,J.ULBRICHT,F.SPER
 ISEN,M.MERDZAN)
 TITLE= INVESTIGATION OF PARITY VIOLATION IN 19F
 REF=PL/B117(1982)167
 <<<<D922>>>>

AUTH=(A.PASSOJA,J.KANTELE,M.LUONTAMA,F.KUMPULAINEN,R.JULIN,P.O.LIPAS,P.TOIVONEN)
 TITLE= DISPROOF OF THE ALLEGED TWO-PHONON CHARACTER OF THE 02+ STATE IN 64ZN
 REF=PL/B124(1983)157
 <<<<D925>>>>

AUTH=(H.NANN,D.W.MILLER,W.W.JACOBS,D.W.DEVINS,W.P.JONES,A.G.M.VAN HEES)
 TITLE= 1F7/2 NEUTRON HOLE STRENGTH IN 59NI WITH THE 60NI(P,D)59NI REACTION AT
 94 MEV
 REF=PR/C28(1983)642
 <<<<D926>>>>

AUTH=(S.KATO,K.OKADA,M.KONDO,K.HOSONO,T.SAITO,N.MATSUOKA,K.HATANAKA,T.NORO,S.NAG
 AMACHI,H.SHIMIZU,K.OGINO,Y.KADOTA,S.NATSUKI,M.WAKAI)
 TITLE= INELASTIC SCATTERING OF 65 MEV PROTONS FROM 12C, 24MG, 28SI AND 32S
 REF=PR/C31(1985)1616
 <<<<D927>>>>

AUTH=(T.ICHIHARA,H.SAKAGUCHI,M.NAKAMURA,T.NORO,F.OHTANI,G.SAKAMOTO,H.OGAWA,M.YOS
 OI,M.IEIRI,N.ISSIKI,Y.TAKEUCHI,S.KOBAYASHI)
 TITLE= INELASTIC PROTON SCATTERING EXCITING THE GAMMA-VIBRATIONAL BAND IN 168ER
 AND THE NECESSITY OF THE HEXADECAPOLE DEGREE OF FREEDOM IN THE GAMMA-MOTION
 REF=PL/B149(1984)55
 <<<<D928>>>>

AUTH=(K.HOSONO,M.FUJIWARA,K.HATANAKA,H.IKEGAMI,M.KONDO,N.MATSUOKA,T.SAITO,S.NATS
 UKI,K.OGINO,S.KATO)
 TITLE= EXCITATION OF 0- STATES BY 160(P,P)160 INELASTIC SCATTERING
 REF=PR/C30(1984)746
 <<<<D929>>>>

AUTH=(M.MATOBA,G.IJIRI,G.KAMETANI,T.SAKAE,I.KUMABE,M.HYAKUTAKE,N.KOORI,T.MAKI,T.
 SHIBA)
 TITLE= STRENGTH FUNCTIONS OF DEEPLY BOUND HOLE STATES IN 115SN
 REF=PL/B149(1984)50
 <<<<D930>>>>

AUTH=(K.NISIMURA,H.SHIMIZU,K.IMAI,T.ICHIHARA,N.MATSUOKA,K.HATANAKA,H.SAKAI,T.SAI
 TO,K.HOSONO,M.KONDO,A.OKIHANA)
 TITLE= ELASTIC SCATTERING OF 56 MEV POLARIZED DEUTERONS ON 4HE
 REF=NP/A432(1985)378
 <<<<D931>>>>

AUTH=(Y.FUJITA,S.MORINOBU,I.KATAYAMA,M.FUJIWARA,T.YAMAZAKI,H.IKEGAMI,AKAI,T.SAI
 H.TAKETANI,M.ADACHI,T.MATSUZAKI,M.MATOBA,N.KOORI)
 TITLE= HIGH RESOLUTION STUDY OF 49CR THROUGH THE (P,D) REACTION
 REF=NP/A435(1985)7
 <<<<D932>>>>

AUTH=(M.FUJIWARA,Y.FUJITA,I.KATAYAMA,S.MORINOBU,T.YAMAZAKI,H.IKEGAMI,S.I.HAYAKAW
 A)
 TITLE= ISOSCALAR CHARACTER OF THE 5.845 MEV 1+ STATE IN 208PB
 REF=JPR/C45(1984)C4-45
 <<<<D933>>>>

AUTH=(Y.FUJITA,M.FUJIWARA,S.MORINOBU,I.KATAYAMA,
 T.YAMAZAKI,T.ITAHASHI,G.IKEGAMI,S.I.HAYAKAWA)
 TITLE=FRAGMENTATION OF THE LOW-ENERGY OCTUPOLE RESONANCE IN 48CA, 90ZR AND 208PB
 REF=PR/C32(1985)425

<<<<D934>>>>

AUTH=(SYOHEI KATO,NOBUYUKI MATSUOKA,TETSUO NORO,TAKANE SAITO,HIDEYUKI SAKAI,MASA NOBU NAKAMURA,NASARU YOSOI,TAKASHI ICHIHARA,KICHIJI HATANAKA,HIDEMI OGAWA)
TITLE= ANALYZING POWER MEASUREMENTS FOR D-12C ELASTIC SCATTERING BETWEEN 35-70 MEV
REF=NIM/A238(1985)453

<<<<D935>>>>

AUTH=(J.BYSTRICKY,J.DEREGEL,J.LEHAR,A.DE LESWUEN,L.VAN ROSSUM,J.M.FONTAINE,J.PER ROT,T.HASEGAWA,C.R.NEWSOM,W.LEO,Y.ONEL,A.MICHALOWICZ,A.PENZO,A.VILLARI)
TITLE= ANALYSING POWER OF REACTION P(POL)+C-->P'+X FROM 0.52 TO 2.8 GEV
REF=NCL41(1984)285

<<<<D936>>>>

AUTH=(J.BYSTRICKY,J.DEREGEL,F.LEHAR,A.DE LESQUEN,L.VAN ROSSUM,J.M.FONTAINE,F.PER ROT,T.HASEGAWA,C.NEWSOM,Y.ONEL,A.PENZO)
TITLE= ANALYSING POWER FOR QUASI-ELASTIC PP SCATTERING IN CARBON AND FOR ELASTIC PP SCATTERING ON FREE PROTONS
REF=NCL40(1984)466

<<<<D937>>>>

AUTH=(M.N.ANDRONENKO,E.N.VOLNIN,A.A.VOROBEV,V.T.GRACHEV,A.A.LOBODENKO,I.I.STRAKO VSKII,L.N.UVAROV)
TITLE= MOMENTUM DISTRIBUTIONS OF BACKWARD-EMITTED PROTONS IN 1-GEV PROTON-NUCLEUS INTERACTIONS
REF=JET37(1983)530

<<<<D938>>>>

AUTH=(G.F.KREBS,C.COX,J.M.DANIELS,T.GAJDICAR,P.KIRKBY,A.D.MAY)
TITLE= THE MOMENTUM DISTRIBUTION OF THE NEUTRON IN 2H AND 3HE AS DETERMINED BY QUASI-ELASTIC SCATTERING
REF=NP/A395(1983)364

<<<<D939>>>>

AUTH=(K.M.WHATLEY,E.G.BILPUCH,G.E.MITCHELL,J.F.SHRINER JR,C.R.WESTERFELDT)
TITLE= STATISTICAL PROPERTIES OF 5/2+ RESONANCES IN 51MN
REF=JP/G9(1983)1527

<<<<D940>>>>

AUTH=(A.BERDOZ,B.FAVIER,F.FOROUGHI,C.WEDDIGIN)
TITLE= MEASUREMENT OF THE ANALYSING POWER OF ELASTIC PROTON-PROTON SCATTERING AT 582 MEV
REF=JP/G9(1983)L261

<<<<D941>>>>

AUTH=(J.RAPAPORT,T.TADDEUCCI,T.P.WELCH,C.GAARDE,J.LARSEN,D.J.HOREN,E.SUGARBAKER,P.KONCZ,C.C.FOSTER,C.D.GOODMAN,C.A.GOULDIG,T.MASTERSON)
TITLE= EXCITATION OF GIANT SPIN-ISOSPIN MULTIPOLE VIBRATIONS IN 54,56FE AND 58,60NI
REF=NP/A410(1983)371

<<<<D942>>>>

AUTH=(M.YASUE,H.YOKOMIZO,T.HASEGAWA,F.SOGA,M.H.TANAKA,K.KOYAMA,K.IWATANI)
TITLE= THE (P,T) AND (P,3HE) REACTIONS ON 10B AT E(P)=52 MEV
REF=NP/A408(1983)205

<<<<D943>>>>

AUTH=(T.TOMINAKA,S.BAN,H.IKEDA,K.KATOH,K.KONDO,M.TAKASAKI,A.YAMAMOTO,H.HIRABAYASHI,Y.NARAHARA)
TITLE= SPALLATION OF NIOBIUM BY 12 GEV PROTONS
REF=NP/A414(1984)385

<<<<D944>>>>

AUTH=(B.RAMSTEIN,R.TAMISIER,L.H.ROSIER,P.AVIGNON,J.P.DELAROCHE)
TITLE= STATES OF 76GE VIA (P,P) INELASTIC SCATTERING AT 22 MEV.
REF=NP/A411(1983)231

<<<<D945>>>>

AUTH=(J.P.DELAROCHE,R.L.VARNER,T.B.CLEGG,R.E.ANDERSON,B.L.BURKS,E.J.LUDWIG,J.F.WILKERSON)

TITLE= STRUCTURE OF LOW-LYING STATES OF 76,78,80,82SE DEDUCED FROM (P,P)
 SCATTERING AT 16 MEV
 REF=NP/A414(1984)113
 <<<<D946>>>>

AUTH=(C.DJALALI,N.MARTY,M.MORLET,A.WILLIS,J.C.JOURDAIN,N.ANANTARAMAN,G.M.CRAWLEY
 ,A.GALONSKY,J.DUFFY)
 TITLE= EXCITATION OF DELTA L=0 SPIN-FLIP TRANSITIONS IN THE N=28 ISOTONES BY 201
 MEV PROTON INELASTIC SCATTERING
 REF=NP/A410(1983)399
 <<<<D947>>>>

AUTH=(R.ROY,C.R.LAMONTAGNE,R.J.SLOBODRIAN,J.ARVIEWUX,J.BIRCHALL,H.E.CONZETT)
 TITLE= DIFFUSION DES PROTONS POLARISES SUR 24MG, 27AL ET 32S ET ANOMALIES DANS
 LA REGION DES RESONANCES GEANTES DE L'25AL, DU 28SI ET DU 33CL
 REF=NP/A411(1983)1
 <<<<D948>>>>

AUTH=(W.BAUHOFF,S.F.COLLINS,R.S.HENDERSON,G.G.SHUTE,B.M.SPICER,V.C.OFFICER,K.A.A
 MOS,E.MORRISON,D.W.DEVINS,D.L.FRIESEL,W.P.JONES)
 TITLE= DENSITY-DEPENDENT FORCES AND LARGE-BASIS STRUCTURE MODELS IN THE ANALYSES
 OF 12C(P,P) REACTIONS AT 135 MEV
 REF=NP/A410(1983)180
 <<<<D949>>>>

AUTH=(R.A.LEAVITT,H.C.EVANS,G.T.EWAN,H.B.MAK,R.E.AZUMA,C.ROLFS,K.P.JACKSON)
 TITLE= ISOSPIN MIXING IN 2- LEVELS IN 16O
 REF=NP/A410(1983)93
 <<<<D950>>>>

AUTH=(J.KEINONEN,A.LUUKKAINEN,M.BISTER)
 TITLE= ISOSCALAR E2 STRENGTHS IN THE A=34 MASS TRIPLET
 REF=NP/A412(1984)101
 <<<<D951>>>>

AUTH=(M.ANGHINOLFI,P.CORVISIERO,M.GUARNONE,G.RICCO,A.ZUCCHIATTI)
 TITLE= TWO-BODY PHOTODISINTEGRATION OF 3HE
 REF=NP/A410(1983)173
 <<<<D952>>>>

AUTH=(F.B.WAANDERS,J.-.L.REINECKE,H.N.JACOBS,J.J.A.SMIT,M.A.MEYER,P.M.ENDT)
 TITLE= THE EXCITED STATES OF 34CL
 REF=NP/A411(1983)81
 <<<<D953>>>>

AUTH=(C.RANGACHARYULU,C.PRUNEAU,M.B.CHATTERJEE,C.ST-PIERRE)
 TITLE= ANALOGUE-ANTI-ANALOGUE TRANSITION FOR THE 11.14 MEV LEVEL IN 49V
 REF=CJP62(1984)104
 <<<<D954>>>>

AUTH=(J.J.KRAUSHAAR,J.R.SHEPARD,D.W.MILLER,W.W.JACOBS,W.P.JONES,D.W.DEVINS)
 TITLE= THE 13C(P,D)12C AND 208PB(P,D)207PB REACTIONS AT 123 MEV
 REF=NP/A394(1983)118
 <<<<D956>>>>

AUTH=(S.A.DICKEY,J.J.KRAUSHAAR,M.A.RUMORE)
 TITLE= THE ENERGY DEPENDENCE OF THE SPECTROSCOPIC FACTORS FOR THE 208PB(P,D)207
 PB REACTION
 REF=NP/A391(1982)413
 <<<<D957>>>>

AUTH=(J.GORRES,H.W.BECKER,L.BUCHMANN,C.ROLFS,P.SCHMALBROCK,H.P.TRAUTVETTER,A.VL
 IEKS,J.W.HAMMER,T.R.DONOGHUE)
 TITLE= PROTON-INDUCED DIRECT CAPTURE ON 21NE AND 22NE
 REF=NP/A408(1983)372
 <<<<D958>>>>

AUTH=(M.E.SEVIOR,L.W.MITCHELL,M.R.ANDERSON,C.I.W.TINGWELL,D.G.SARGOOD)
 TITLE= ABSOLUTE CROSS SECTIONS OF PROTON INDUCED REACTIONS ON 65CU, 64NI AND
 63CU
 REF=AUJ36(1983)463

<<<<D959>>>>

AUTH=(R.C.BYRD,W.TORNOW,P.W.LISOWSKI,K.MURPHY,R.L.WALTER)
TITLE= COMPARISON OF POLARIZATION AND ANALYZING POWER FOR THE $^{15}\text{N}(\text{P},\text{N})^{15}\text{O}$
REACTION
REF=NP/A410(1983)29

<<<<D960>>>>

AUTH=(R.SHYPIT,C.E.WALTHAM,D.A.AXEN,F.ENTEZAMI,M.COMTN,D.HEALEY,G.A.LUDGATE,G.D.
WAIT,D.V.BUGG,J.A.EDGINGTON,N.R.STEVENSON)
TITLE= SPIN-SPIN CORRELATIONS AND SPIN-ASYMMETRIES FOR THE REACTION $\text{P}+\text{P}^{--}\rightarrow\text{P}+\text{N}+\text{P}^{\text{I}}$
(+) AT 510 MEV
REF=PL/B124(1983)314

<<<<D961>>>>

AUTH=(MASAYUKI SEKIGUCHI,OSAMU HASHIMOTO,YOSHIJIRO SHIDA,FUMINORI SOGA)
TITLE= SEARCH FOR THE SECOND EXCITED $11/2^-$ STATE AND WEAK-COUPPLING SCHEME IN
 ^{117}SN
REF=JPJ52(1983)1134

<<<<D962>>>>

AUTH=(HIROMI HIRABAYASH,HIROKAZU IKEDA,HARUMI ISHII,KAZUAKI KATOH,KENJIRO KONDO,
MITSUHIKO TAINO,MINORU TAKASAKI,TOSHIHARU TOMINAKA,AKIRA YAMAMOTO,TORU ASANO,YUZ
O ASANO,YASUO IGUCHI,HIROSHI KUDO,SHIGEKI MORI,YOSHIHISA TAKADA)
TITLE= MEASUREMENT OF A CROSS SECTION FOR THE $^{27}\text{Al}(\text{P},^{3}\text{P},\text{N})^{24}\text{Na}$ REACTION AT 12
GEV
REF=JPJ51(1982)3098

<<<<D963>>>>

AUTH=(H.SAUVAGEON,S.REGNIER,G.N.SIMONOFF)
TITLE= PRODUCTION OF KR AND XE ISOTOPES BY INTERACTION OF ^{197}Au WITH 0.15 -24GEV
PROTONS
REF=ZP/A314(1983)181

<<<<D964>>>>

AUTH=(F.IROM,G.J.IGO,J.B.MCCLELLAND,C.A.WHITTEN-JR,
M.BLESZYNSKI)
TITLE= MEASUREMENTS OF SMALL ANGLE ELASTIC P-D SCATTERING AT 796 MEV
USING A RECOIL METHOD
REF=PR/C28(1983)2380

<<<<D966>>>>

AUTH=(T.N.TADDEUCCI,J.RAPAPORT,C.C.FOSTER,C.D.GOODMAN,C.GAARDE,J.LARSEN,C.A.GOUL
DING,D.J.HOREN,T.MASTERSON,E.SUGARBKER)
TITLE= SPIN EXCITATION $^{40}\text{Ca}(\text{P},\text{N})$
REF=PR/C28(1983)2511

<<<<D967>>>>

AUTH=(G.L.GILES,E.G.AULD,G.JONES,G.J.LOLOS,B.J.MCPARLAND,W.ZIGLER,D.OTTEWELL,P.W
ALDEN,W.R.FALK)
TITLE= ANALYZING POWER OF THE $\text{PP}\rightarrow\text{P}^{\text{I}}(+)\text{D}$ REACTION AT 375, 450, AND 500MEV
INCIDENT PROTON ENERGIES
REF=PR/C28(1983)2551

<<<<D968>>>>

AUTH=(T.N.TADDEUCCI,R.R.DOERING,AARON GALONSKY,SAM M. AUSTIN)
TITLE= (P,N) REACTIONS ON ^{14}C AND ^{14}N AND THE EFFECTIVE NUCLEON-NUCLEON
INTERACTION
REF=PR/C29(1984)764

<<<<D969>>>>

AUTH=(L.W.WOO,N.S.WALL,P.G.ROOS,P.H.DEBENGAM,K.KWIATKOWSKI,A.NADASEN)
TITLE= ELASTIC AND INELASTIC SCATTERING OF 100 MEV PROTONS FROM THE EVEN-EVEN
TITANIUM ISOTOPES
REF=PR/C29(1984)794

<<<<D970>>>>

AUTH=(H.IIDA,Y.AOKI,K.HASHIMOTO,K.NAGANO,Y.TAGISHI,Y.TOBA,K.YAGI)
TITLE= DRASTIC CHANGES OF (P,T) ANALYZING POWERS FOR THE ISOTOPES $^{58},^{60},^{62},^{64}\text{Ni}$
AND MARKED INCIDENT-ENERGY DEPENDENCE OF THE ANALYZING POWERS AS EVIDENCE FOR

STRONG, SEQUENTIAL, TWO-STEP PROCESSES

REF=PR/C29(1984)328

<<<<D971>>>>

AUTH=(M.PIGNANELLI,S.MICHELETTI,E.CEREDA,M.N.HARAKEH,S.Y.VAN DER WERF,R.DE LEO)

TITLE= PROTON SCATTERING ON 100MO AND 112CD AND THE INTERACTING BOSON

APPROXIMATION

REF=PR/C29(1984)434

<<<<D972>>>>

AUTH=(S.K.NANDA,C.GLASHAUSSEER,K.W.JONES,J.A.MCGILL,T.A.CAREY,J.B.MCCLELLAND,J.M.

MOSS,S.J.SEESTROM-MORRIS,J.R.COMFORT,S.LEVENSON,R.SEGEL,H.OHNUMA)

TITLE= 10.23 MEV M1 TRANSITION IN THE 48CA(P,P)48CA REACTION AT 319 MEV

REF=PR/C29(1984)660

<<<<D973>>>>

AUTH=(R.L.HELMER,R.E.L.GREEN,K.P.JACKSON,R.G.KORTELING)

TITLE= WIDE ANGLE DEUTERON EMISSION IN THE 9BE(P,P,D) REACTION AT 300 MEV MIMICS
(P,2P) SYSTEMATICS

REF=PR/C29(1984)676

<<<<D974>>>>

AUTH=(M.L.CESCATO,M.C.HERMIDA,M.RUIZ,J.L.FOSTER-JR,F.KRMPOTIC)

TITLE= 144SM(P,P) SCATTERING THROUGH ISOBRIC ANALOG RESONANCES AND THE STRUCTURE
OF 145SM

REF=PR/C29(1984)49

<<<<D976>>>>

AUTH=(M.C.HERMIDA,M.RUIZ,M.L.CESCATO,J.L.FOSTER-JR,F.KRMPOTIC)

TITLE= 130TE(P,P) REACTION ON ANALOG RESONANCES

REF=PR/C29(1984)64

<<<<D977>>>>

AUTH=(B.HOEISTAD,M.GAZZALY,B.AAS,G.IGO,A.RAHBAR,C.WHITTEN,G.S.ADAMS,R.WHITNEY)

TITLE= 3,4HE(P,PI+)4,5HE(G.S.) REACTIONS AT 800 MEV

REF=PR/C29(1984)553

<<<<D978>>>>

AUTH=(C.OLMER,A.D.BACHER,G.T.EMERY,W.P.JONES,D.W.MILLER,H.NANN,P.SCHWANDT,S.YEN,
T.E.DRAKE,R.J.SOBIE)

TITLE= ENERGY DEPENDENCE OF INELASTIC PROTON SCATTERING TO ONE-PARTICLE ONE-HOLE
STATES IN 28SI

REF=PR/C29(1984)361

<<<<D979>>>>

AUTH=(J.A.MCGILL,G.W.HOFFMANN,M.L.BARLETT,R.W.FERGERTSON,E.C.MILNER,R.E.CHRIEN,R.

J.SUTTER,T.KOZLOWSKI,R.L.STEARNS)

TITLE= PROTON + NUCLEUS INCLUSIVE (P,P) SCATTERING AT 800 MEV

REF=PR/C29(1984)204

<<<<D980>>>>

AUTH=(L.G.DAKHNO,A.V.KRAVTSOV,F.A.LOBACHEV,M.M.MAKAROV,

V.I.MEDVEDEV,G.Z.OBRANT,V.I.POROMOV,V.V.SARANTSEV,

G.L.SOKOLOV,A.B.SOKORNOV,S.G.SHERMAN)

TITLE= IN NUCLEON-NUCLEON COLLISIONS AT ENERGIES BELOW 1 GEV. ISOSPIN ANALYSIS

REF=SNP37(1983)540

<<<<D981>>>>

AUTH=(J.P.SVENNE,J.BIRCHALL,J.S.C.MCKEE)

TITLE= POSSIBLE EVIDENCE FOR SENSITIVITY TO THE TWO BODY TENSOR
FORCE IN THE REACTION D+P->P+P+N

REF=PL119B(1982)269

<<<<D982>>>>

AUTH=(ZS.DOMBRADI,A.KRASZNAHORKAY,J.GULYAS)

TITLE= LOW-LYING STATES OF THE 102RH NUCLEUS

REF=ZP/A313(1983)207

<<<<D983>>>>

AUTH=(J.H.VAN DIJK,H.W.WILSCHUT,A.G.DRENTJE,

A.VAN DER WOUDE)

TITLE= SMALL IMPACT PARAMETER K-SHELL IONISATION PROBABILITIES AND
DELTA-ELECTRON SPECTRA
REF=ZP/A314(1983)1
<<<<D984>>>>

AUTH=(F.SORAMEL-STANCO,R.JULIN,J.STYCZEN,P.T.PROKOFJEV,
A.ERCAN,P.KLEINGEINZ)
TITLE= A 45 NS 8+ ISOMER IN DOUBLY ODD 150EU NUCLEUS
REF=ZP/A314(1983)124
<<<<D987>>>>

AUTH=(A.SAHA,K.K.SETH,B.A.BROWN,H.NANN)
TITLE= THE (P,T) REACTION TO 48TI AND 49V IN THE (F7/2)**N MODEL
REF=PL/B130(1983)152
<<<<D988>>>>

AUTH=(J.B.MCCLELLAND,J.M.MOSS,B.AAS,A.AZIZI,E.BLESZYNSKI,M.BLESZYNSKI,J.GEAGA,G.
IGO,A.RAHBAR,J.B.WAGNER,G.S.WESTON,C.WHITTEN-JR.,K.JONES,S.NANDA,M.GAZZALY,N.HIN
TZ)
TITLE= COMPLETE MEASUREMENT OF POLARIZATION-TRANSFER OBSERVABLES FOR THE
REACTION 12C(P,P)12C* AT 500 MEV
REF=PRL52(1984)98
<<<<D989>>>>

AUTH=(J.F.CHEMIN,S.ANDRIAMONJE,E.MORENZONI,CH.STOLLER,R.ANHOLT,W.E.MEYERHOF,O.K.
BAKER,J.D.MOLITORIS)
TITLE= COMPOUND ELASTIC CROSS SECTIONS IN THE ISOBARIC ANALOG RESONANCES 88SR(P,
P0) AT 5.06 MEV AND 86SR(P,P0) AT 6.02 MEV
REF=PL/B130(1983)246
<<<<D990>>>>

AUTH=(I.P.AUER,E.COLTON,W.R.DITZLER,D.HILL,H.SPINKA,N.TAMURA,J.-J.TAVERNIER,G.TH
EODOSIOU,K.TOSHIOKA,D.UNDERWOOD,R.WAGNER,A.YOKOSAWA)
TITLE= MEASUREMENT OF THE P-P ELASTIC-SCATTERING SPIN PARAMETER CLL AT 11.75 GEV
/C FOR THETA-C.M.=48-90 DEGREES
REF=PRL52(1984)808
<<<<D991>>>>

AUTH=(R.A.MISKIMEN,A.M.BERNSTEIN,B.QUINN,S.A.WOOD,M.V.HYNES,G.S.BLANPIED,B.G.RIT
CHIE,V.R.BROWN)
TITLE= DWIA PREDICTIONS OF (P,P) DATA USING ELECTROMGNETICALLY CONSTRAINED
DENSITIES
REF=PL/B131(1983)26
<<<<D992>>>>

AUTH=(L.TRACHE,J.WRZESINSKI,C.WESSELBORG,D.BAZZACCO,R.REINHARDT,C.F.MOORE,P.VON-
BRENTANO,G.P.A.BERG,W.HURLIMANN,I.KATAYAMA,J.MEISSBURGER,J.G.M.ROMER,J.L.TAIN)
TITLE= IDENTIFICATION OF A COMPLETE PARTICLE-OCTUPOLE MULTIPLT IN 143ND
REF=PL/B131(1983)285
<<<<D993>>>>

AUTH=(H.WIENKE,H.P.BLOK,J.F.A.VAN HIENEN,J.BLOK,Y.IWASAKI,A.G.DRENTJE,W.A.STERRE
NBURG)
TITLE= THE ROLE OF SEQUENTIAL TRANSFER IN UNNATURAL-PARITY TRANSITIONS IN THE
208PB(P,T)206PB REACTION
REF=PL135(1984)13
<<<<D994>>>>

AUTH=(J.A.MCGILL,C.GLASHAUSSER,K.JONES,S.K.NANDA,M.BARLETT,R.FERGERTSON,J.A.MARSH
ALL,E.C.MILNER,G.W.HOFFMANN)
TITLE= INCLUSIVE (P,P) CROSS SECTIONS AND ANALYZING POWERS FOR 1H AND 12C IN THE
DELTA REGION
REF=PL/B134(1983)157
<<<<D995>>>>

AUTH=(J.F.SHRINER JR,E.G.BILPUCH,G.E.MITCHELL)
TITLE= DETERMINATION OF AMPLITUDES AND PHASES FOR RESONANCE FORMATION IN THE 39K
(P,ALPHA(0)) REACTION
REF=PL/B130(1983)144

<<<<D996>>>>
AUTH=(R.O.NELSON,E.G.BILPUCH,C.R.WESTERFELDT,G.E.MITCHELL)
TITLE= PROTON RESONANCES IN 28SI FROM EX=12.5 TO 13.4 MEV
REF=PR/C29(1984)1656

<<<<D997>>>>
AUTH=(J.M.CAMERON,C.A.DAVIS,H.FIELDING,P.KITCHING,J.SOUKUP,J.UEGAKI,J.WESICK,H.S
.WILSON,R.ABEGG,D.A.HUTCHEON,C.A.MILLER,A.W.STETZ,Y.M.SHIN,N.STEVENSON,I.J.VAN H
EERDEN)
TITLE= ANALYZING POWERS IN THE NP-->DGAMMA REACTION AT 180 AND 270 MEV
REF=PL/B137(1984)315

<<<<D998>>>>
AUTH=(S.KAILAS,P.P.SINGH,D.L.FRIESEL,C.C.FOSTER,P.SCHWANDT,J.WIGGINS)
TITLE= EXCITATION OF LOW-LYING LEVELS AND GIANT MULTIPOLE RESONANCES IN 92ZR,
120SN, AND 208PB BY INELASTIC SCATTERING OF 104 MEV POLARIZED PROTONS
REF=PR/C29(1984)2075

<<<<D999>>>>
AUTH=(J.F.WILKERSON,R.E.ANDERSON,T.B.CLEGG,E.J.LUDWIG,W.J.THOMPSON)
TITLE= ISOSPIN AND ISOBAR COMPONENTS IN LIGHT NUCLEI
REF=PRL51(1983)2269

<<<<D1000>>>>
AUTH=(T.N.TADDEUCCI,T.A.CAREY,C.GAARDE,J.LARSEN,C.D.GOODMAN,D.J.HOREN,T.MASTERSO
N,J.RAPAPORT,T.P.WELCH,E.SUGARBAKER)
TITLE= MEASUREMENT OF THE TRANSVERSE SPIN-TRANSFER COEFFICIENT DNN(0) FOR
(P(POL),N(POL)) REACTIONS AT 160 MEV
REF=PRL52(1984)1960

<<<<D1001>>>>
AUTH=(B.D.ANDERSON,C.LEBO,A.R.BALDWIN,T.CHITTRAKARN,R.MADEY,J.W.WATSON,C.C.FOSTE
R)
TITLE= CONCENTRATED PARTICLE-HOLE STRENGTH OBSERVED IN OHW STRETCHED-STATE
EXCITATIONS
REF=PRL52(1984)1872

<<<<D1002>>>>
AUTH=(A.BRACCO,H.P.GUBLER,D.K.HASELL,W.P.LEE,W.T.H.VAN OERS,M.B.EPSTEIN,D.A.KRAU
SE,D.J.MARGAZIOTIS,R.ABEGG,C.A.MILLER,A.W.STETZ)
TITLE= COMPARISON OF THE 3HE(P,2P)D AND 3HE(P,PD) REACTINS
REF=PL/B137(1984)311

<<<<D1003>>>>
AUTH=(H.MACHNER,D.PROTIC,G.RIEPE,J.P.DIDELEZ,N.FRASCARIA,E.GERLIC,E.HOURANI,M.MO
RLET)
TITLE= QUASI-FREE SCATTERING AND EXCITATION MODEL ANALYSIS AT 200 MEV
REF=PL/B138(1984)39

<<<<D1004>>>>
AUTH=(R.E.L.GREEN,R.G.KORTELING,K.P.JACKSON)
TITLE= INCLUSIVE PRODUCTION OF ISOTOPICALLY RESOLVED LI THROUGH MG FRAGMENTS BY
480 MEV P+AG REACTIONS
REF=PR/C29(1984)1806

<<<<D1006>>>>
AUTH=(B.W.FILIPPONE,C.M.DAVIDS,R.C.PARDO)
TITLE= MASS AND LOW-LYING LEVELS OF 106, 108IN FROM THE 106, 108CD(P,N,GAMMA)
REACTIONS
REF=PR/C29(1984)2118

<<<<D1007>>>>
AUTH=(NELSON JARMIE,RONALD E. BROWN,R.A.HARDEKOPF)
TITLE= FUSION-ENERGY REACTION 2H(T.ALPHA)N FROM E(T)=12.5 TO 117 KEV
REF=PR/C29(1984)2031

<<<<D1008>>>>
AUTH=(J.BIRCHALL,W.T.H.VAN OERS,J.W.WATSON,H.E.CONZETT,R.M.LARIMER,B.LEEMANN,E.J
.STEPHENSON,P.VON ROSSEN,R.E.VROWN)
TITLE= ANALYZING POWER MEASUREMENTS FOR 3HE(P,P)3HE ELASTIC SCATTERING BETWEEN

20 AND 50 MEV
 REF=PR/C29(1984)2009
 <<<<D1009>>>>
 AUTH=(B.T.MURDOCH,D.K.HASELL,A.M.SOURKES,W.T.H.VAN OERS,P.J.T.VERHEIJEN,R.E.BROW
 W)
 TITLE= 3HE(P,P)3HE SCATTERING IN THE ENERGY RANGE 19 TO 48 MEV
 REF=PR/C29(1984)2001
 <<<<D1018>>>>
 AUTH=(J.DOERING,G.WINTER,W.D.FROMM,L.FUNKE,P.KEMNITZ,
 E.WILL)
 TITLE= IN-BEAM STUDY OF EXCITED STATES IN 80BR
 REF=ZP/A316(1984)75
 <<<<D1020>>>>
 AUTH=(K.AMOS,W.BAUHOFF,I.MORRISON,S.F.COLLINS,R.S.HENDERSON,B.M.SPICER,G.G.SHUTE
 ,V.C.OFFICER,D.W.DEVINS,D.L.FRIESEL,W.P.JONES)
 TITLE= MICROSCOPIC AND MACROSCOPIC ASPECTS OF 135 MEV PROTON SCATTERING FROM 160
 REF=NP/A413(1984)255
 <<<<D1022>>>>
 AUTH=(T.FENYES,J.GULYAS,T.KIBEDI,A.KRASZAHORKAY,
 J.TIMAR,S.BRANT,V.PAAR)
 TITLE= EXCITED STATES OF THE 70GA NUCLEUS
 REF=NP/A419(1984)557
 <<<<D1023>>>>
 AUTH=(E.APRILE,R.HAUSAMMANN,E.HEER,C.LECHANOINE-LELUC,W.R.LEO,S.MORENZONI,Y.ONEL
 ,D.RAPIN,G.H.EATON,S.JACCARD,S.MANGO,G.H.EATON,S.JACCARD,S.MANGO)
 TITLE= SPIN CORRELATIONS AND ANALYZING POWERS IN PP-> PI(+) D BETWEEN 447 AND
 578 MEV
 REF=NP/A415(1984)365
 <<<<D1025>>>>
 AUTH=(L.BUCHMANN,M.HILGEMEIER,A.KRAUSS,A.REDDER,
 TITLE= THE ABUNDANCE OF 26AL IN THE MGAL CYCLE
 C.ROLFS,H.P.TRAUTVETTER,T.R.DONOGHUE)
 REF=NP/A415(1984)93
 <<<<D1028>>>>
 AUTH=(G.J.L.NOOREN,H.P.L.DE ESCH,C.VAN DER LEUN)
 TITLE= THE REACTION 36S(P,GAMMA)37CL (2).LIFE TIMES, SPINS AND PARITIES OF
 37CL LEVELS
 REF=NP/A423(1984)228
 <<<<D1031>>>>
 AUTH=(W.G.WEITKAMP,I.HALPERN,T.A.TRAINOR,S.K.LAMOREAUX,X.Y.LIU)
 TITLE= DEPOLARIZATION IN PROTON INCLUSIVE INELASTIC SCATTERING AND
 IN THE (D,P) REACTION ON MEDIUM-WEIGHT NUCLEI
 REF=NP/A417(1984)405
 <<<<D1033>>>>
 AUTH=(AKIRA SHIBUYA)
 TITLE= STUDY OF PROTON ELASTIC AND INELASTIC SCATTERING FROM 74SE AT THE
 ISOBARIC ANALOGUE RESONANCES
 REF=NP/A417(1984)331
 <<<<D1035>>>>
 AUTH=(J.RAPAPORT,R.ALARCON,B.A.BROWN,C.GAARDE,J.LARSEN,C.D.GOODMAN,C.C.FOSTER,D.
 HOREN,T.MASTERSON,E.SUGARBAKER,T.N.TADDEUCCI)
 TITLE= THE 51V(P,N)51CR REACTION AT EP=160MEV
 REF=NP/A427(1984)332
 <<<<D1038>>>>
 AUTH=(G.J.LOLOS,E.G.AULD,W.R.FALK,G.L.GILES,G.JONES,B.J.MCPARLAND,R.B.TAYLOR,W.Z
 IEGLER,P.L.WALDEN)
 TITLE= POLARIZED-PROTON-INDUCED EXCLUSIVE PION PRODUCTION IN 12C AT 200, 216,
 225, 237, AND 250 MEV INCIDENT ENERGIES
 REF=PR/C30(1984)574

<<<<D1039>>>>
AUTH=(C.WONG,S.M.GRIMES,R.W.FINLAY)
TITLE= ANALYSIS OF (P,P), (P,N) AND (N,N) SCATTERING ON THE EVEN TIN
ISOTOPES USING THE LANE COUPLED EQUATIONS
REF=PR/C29(1984)1710

<<<<D1045>>>>
AUTH=(S.E.DARDEN,SUDHIR SEN,G.MURILLO,M.FERNANDEZ,J.RAMIREZ,A.GALINDO,P.L.JOLIVE
TTE,B.P.HICHWA)
TITLE= 15N(P,P)15N AND THE LEVELS OF 160 FOR EX=14.8-18.6 MEV
REF=NP/A429(1984)218

<<<<D1046>>>>
AUTH=(F.SPERISEN,W.GRUEBLER,V.KONIG,P.A.SCHEMELZBACH,K.ELSENER,B.JENNY,C.SCHWEIZE
R,J.ULBRICHT,P.DOLESCHALL)
TITLE= COMPARISON OF A NEARLY COMPLETE PD ELASTIC SCATTERING DATA SET WITH
FADDEEV CALCULATIONS
REF=NP/A422(1984)81

<<<<D1050>>>>
AUTH=(M.A.RUMORE,S.A.DICKEY,C.A.FIELDS,J.J.KRAUSHAAR)
TITLE= THE 93NB(P,D)92NB REACTION AT 26.3 MEV
REF=NP/A423(1984)350

<<<<D1051>>>>
AUTH=(P.W.F.ALONS,J.J.KRAUSHAAR,D.W.MILLER,J.D.BROWN,D.L.FRIESEL,W.W.JACOBS,W.P.
JONES,H.NANN)
TITLE= THE 24MG(P,D) REACTION TO THE 1/2+ STATE AT 2.36 MEV AT PROTON ENERGIES
FROM 27 TO 185 MEV
REF=PL/B145(1984)34

<<<<D1054>>>>
AUTH=(S.J.SEESTROM-MORRIS,M.A.FRANEY,D.DEHNHARD,D.B.HOLTKAMP,R.L.BOUDRIE,J.F.AMA
NN,G.C.IDZOREK,C.A.GOULding)
TITLE= 13C(P,P)13C REACTION AT TP=547MEV
REF=PR/C30(1984)270

<<<<D1055>>>>
AUTH=(J.L.FOSTER JR.,S.E.DARDEN,M.C.ROZAK,J.A.ROSS,
J.P.MARTIN,L.LESSARD,S.GALES,G.NOURY,J.M.PEARSON,
P.DEPOMMIER,M.C.H.M.RUIZ)
TITLE= 130TE(P,P) AND 130TE(P,P) REACTIONS ON ANALOG RESONANCES
REF=PR/C30(1984)79

<<<<D1057>>>>
AUTH=(G.S.BLANPIED,G.A.BALCHIN,G.E.LANGSTON,B.G.RITCHIE,
M.L.BARLETT,G.W.HOFFMANN,J.A.MCGILL,M.A.FRANEY,
M.GAZZALY,B.H.WILDENTHAL)
TITLE= EXCITATION OF THE GROUND STATE ROTATIONAL BAND IN 20NE BY 0.8 GEV PROTONS
REF=PR/C30(1984)1233

<<<<D1059>>>>
AUTH=(D.J.HOREN,F.E.BERTRAND,E.ECROSS,T.P.SJOREEN,
D.K.MCDANIELS,J.R.TINSLEY,J.LISANTTI,L.W.SWENSON,
J.B.MCCLELLAND,T.A.CAREY,S.J.SEESTROM-MORRIS,K.JONES)
TITLE= EXCITATION OF E2 TRANSITIONS IN 40CA BY 334-MEV PROTONS
REF=PR/C30(1984)709

<<<<D1060>>>>
AUTH=(G.R.SMITH,J.R.SHEPARD,R.L.BOUDRIE,R.J.PETERSON,G.S.ADAMS,T.S.BAUER,G.J.IGO
,G.PAULETTA,C.A.WHITTEN-JR,A.WRIEKAT,B.HOISTAD,G.W.HOFFMANN)
TITLE= (P,D) REACTION AT 800 MEV
REF=PR/C30(1984)593

<<<<D1089>>>>
AUTH=(M.FUJIWARA,Y.FUJITA,S.IMANISHI,S.MORINOBU,T.YAMAZAKI,H.IKEGAMI,K.KATORI,S.
I.HAYAKAWA)
TITLE= INELASTIC PROTON SCATTERING TO THE 3- AND 1+ STATES IN 50TI, 52CR, AND
54FE

REF=PR/C32(1985)830
 <<<<D1090>>>>
 AUTH=(H. OGAWA, H. SAKAGUCHI, M. NAKAMURA, T. NORO, H. SAKAMOTO, T. ICHIHARA, M. YOSOI, M. IEIR
 I, N. ISSHIKI, Y. TAKEUCHI, S. KOBAYASHI)
 TITLE= INELASTIC SCATTERING OF 65-MEV POLARIZES PROTONS FROM 178HF, 180HF , 182W
 AND 184W AND MULTIPOLE MOMENTS OF THE OPTICAL POTENTIAL
 REF=PR/C33(1986)834
 <<<<D1091>>>>
 AUTH=(R. BALZER, R. HENNECK, CH. JACQUEMART, J. LANG,
 F. NESSI-TEDALDI, T. ROSER, M. SIMONIUS, W. HAEBERLI,
 S. JACCARD, W. REICHART, CH. WEDDIGEN)
 TITLE= PARITY VIOLATION IN PROTON-PROTON SCATTERING AT 45 MEV
 REF=PR/C30(1984)1409
 <<<<D1092>>>>
 AUTH=(W. P. MADIGAN, D. A. BELL, J. A. BUCHANAN, M. M. CALKIN, J. M. CLEMENT,
 M. COPEL, M. D. CORCORAN, K. A. JOHNS, J. D. LESIKAR, H. E. MIETTINEN, G. S. MUTCHLER,
 C. J. NAUDET, G. P. PEPIN, G. C. PHILLIPS, J. B. ROBERTS, S. E. TURPIN, E.
 E. V. HUNGERFORD, B. W. MAYES, A. D. HANCOCK, L. S. PINSKY, K. K. SEKCHARAN,
 C. L. HOLLAS, P. J. RILEY, J. C. ALLRED, B. E. BONNER, P. CAMERON, S. T. LINN,
 W. VON WITSCH, M. FURIC, V. VALKOVIC)
 TITLE= TRANSVERSE-SPIN DEPENDENCE OF THE P-P TOTAL CROSS SECTION FROM
 0.8 TO 2.5 GEV/C
 REF=PR/D31(1985)966
 <<<<D1093>>>>
 AUTH=(SUN TSU-HSUN, B. E. BONNER, M. W. MCNAUGHTON, HOHNUMA, O. B. VANDYCK, G. S. WESTON, B. AAS,
 E. BLESZYNSKI, M. BLESZYNSKI, G. J. IGO, D. J. CREMANS, C. L. HOLLAS, K. H. MCNAUGHTON, P. J. RILEY,
 R. F. RODE BAUGH, SHEN-WU XU, S. E. TURPIN)
 TITLE= MEASUREMENTS OF THE SPIN-ROTATION PARAMETERS FOR PD->PD ELASTIC SCATTERING
 AT 496, 647 AND 800 MEV
 REF=PR/C31(1985)515
 <<<<D1094>>>>
 AUTH=(J. LANG, TH. MAIER, R. MUELLER, F. NESSI-TEDALDI, TH. ROSER, M. SIMONIUS,
 J. SROMICKI, W. HAEBERLI)
 TITLE= PARITY NONCONSERVATION IN ELASTIC P-ALPHA SCATTERING AND THE 0HF , 182W
 DETERMINATION OF THE WEAK MESON-NUCLEON COUPLING CONSTANTS
 REF=PRL54(1985)170
 <<<<D1095>>>>
 AUTH=(C. W. GLOVER, P. SCHWANDT, H. O. MEYER, W. W. JACOBS,
 J. R. HALL, M. D. KAITCHUCK, R. P. DEVITO)
 TITLE= OPTICAL-MODEL ANALYSIS OF 200MEV P+16O ELASTIC SCATTERING DATA
 MEASURED TO LARGE MOMENTUM TRANSFERS
 REF=PR/C31(1985)1
 <<<<D1096>>>>
 AUTH=(G. ADAMS, E. G. BILPUCH, G. E. MITCHELL, R. O. NELSON,
 C. R. WESTERFELDT)
 TITLE= PROTON RESONANCES IN 26AL
 REF=JP/G10(1984)1747
 <<<<D1097>>>>
 AUTH=(F. SCIUCCATI, S. MICHELETTI, M. PIGNANELLI, R. DE LEO)
 TITLE= COUPLED CHANNELS ANALYSIS OF PROTON SCATTERING FROM 26MG
 REF=PR/C31(1985)736
 <<<<D1098>>>>
 AUTH=(R. DE LEO, S. MICHELETTI, M. PIGNANELLI, M. N. HARAKEH)
 TITLE= COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM 40AR
 REF=PR/C31(1985)362
 <<<<D1099>>>>
 AUTH=(C. C. HSU, S. C. YEH, J. C. WANG, V. K. C. CHENG, P. T. WU, H. H. LIN)
 TITLE= CHANNEL CROSS CORRELATION AND INTERMEDIATE RESONANCE IN THE
 55MN(P,P)55MN AND 55MN(P,ALPHA)52CR

REF=PR/C31(1985)49
 <<<<D1100>>>>
 AUTH=(S.SEN,S.E.DARDEN,R.C.LUHN,N.O.GAISER,G.MURILLO,J.RAMIREZ)
 TITLE= EVIDENCE OF A SHAPE TRANSITION IN EVEN-A GE ISOTOPES
 REF=PR/C31(1985)787
 <<<<D1101>>>>
 AUTH=(D.S.FLYNN,R.L.HERSHBERGER,F.GABBARD)
 TITLE=DEPENDENCE OF THE ABSORPTIVE POTENTIAL FOR SUB-COULOMB ENERGY PROTON
 BOMBARDMENT OF ZIRCONIUM AND MOLYBDENUM ISOTOPES
 REF=PR/C31(1985)87
 <<<<D1102>>>>
 AUTH=(R.MELZER,P.VON BRENTANO,H.PAETZ GEN. SCHIECK)
 TITLE= QUANTITATIVE EVIDENCE OF WEAK ISOSPIN MIXING IN THE LOW-LYING ISOBARIC
 ANALOG RESONANCES IN 209BI
 REF=NP/A432(1985)363
 <<<<D1103>>>>
 AUTH=(N.M.HINTZ,M.A.FRANEY,M.M.GAZZALY,D.COOK,G.S.KYLE,DDEHNHARD,S.J.SEESTOM-
 MORRIS,G.W.HOFFMANN,M.BARTLETT,G.S.BLANPIED,J.A.MCGILL,J.B.MCCLELLAND,
 F.IROM,G.PAULETTA)
 TITLE= HIGH SPIN STATES IN 28SI AND 58NI
 REF=PR/C30(1984)1976
 <<<<D1104>>>>
 AUTH=(J.J.A.ZALMSTRA,J.F.A.VAN HIENEN,J.BLOK)
 TITLE= OBSERVATION OF THE SECOND 4+ STATE IN 28SI BY MEANS OF PROTON
 INELASTIC SCATTERING AND ANALYSIS OF THE K-PI=0+(1) AND 3-(1) BANDS
 REF=PL/B146(1984)397
 <<<<D1105>>>>
 AUTH=(R.ALARCON,J.RAPAPORT,R.T.KOUZES,W.H.MOORE,B.A.BROWN)
 TITLE= NUCLEON SCATTERING FROM 34S AND THE RELATIVE SIGN OF NEUTRON
 AND PROTON TRANSITION MATRIX ELEMENTS FOR THE (0->2+2) TRANSITION
 REF=PR/C31(1985)697
 <<<<D1106>>>>
 AUTH=(J.SCHIRMER,D.HABS,R.KROTH,N.KWONG,D.SCHWALM,M.ZIRNBAUER,C.BROUDE)
 TITLE= DOUBLE GAMMA DECAY IN 40CA AND 90ZR
 REF=PRL53(1984)1897
 <<<<D1107>>>>
 AUTH=(P.RAMAKRISHNAN,G.E.MITCHELL,E.G.BILPUCH,J.F.SHRINER JR.,C.R.WESTERFELDT)
 TITLE= STATISTICAL PROPERTIES OF 5/2+ RESONANCES IN 57CO
 REF=ZP/A319(1984)315
 <<<<D1108>>>>
 AUTH=(K.P.SINGH,D.C.TAYAL,GULZAR SINGH,H.S.HANS)
 TITLE= COULOMB EXCITATION OF CADMIUM ISOTOPES WITH PROTONS
 REF=PR/C31(1985)79
 <<<<D1109>>>>
 ATH=(C.DJALALI,N.MARTY,M.MORLET,A.WILLIS,J.-C.JOURDAIN,N.ANANTARAMAN,G.M.CRAWLEY,
 A.GALONSKY)
 TITLE= PROTON EXCITATION OF 1+ STATES IN 208PB AND A LOWER LIMIT OF THE STRENGTH
 OF THE ISOSCALAR SPIN-FLIP PART OF THE EFFECTIVE NUCLEON-NUCLEON INTERACTION
 REF=PR/C31(1985)758
 <<<<D1110>>>>
 AUTH=(C.E.WALTHAM,R.SHYPIT'D.A.AXEN,F.ENTEZAMI,M.COMYN,
 D.HEALEY,G.A.LUDGATE,G.D.WAIT,D.V.BUGG,J.A.EDGINGTON,N.R.STEVENSON)
 TITLE= SPIN-SPIN CORRELATIONS AND SPIN ASYMMETRIES FOR THE REACTION
 P(POL)P(POL)->PNPI(+) AT INTERMEDIATE ENERGIES
 REF=NP/A433(1985)649
 <<<<D1112>>>>
 AUTH=(T.LOENNROTH,J.AUYSTOE,J.AURJE,J.HONKANEN,V.KOPONEN,P.TASKINEN,H.HYVOENEN)
 TITLE= HALF-LIFE AND CONFIGURATION OF THE 1/2+ INTRUDER STATE IN 203BI
 REF=ZP/A319(1984)149

<<<<D1113>>>>
AUTH=(H.OHNUMA,F.IROM,B.AAS,M.HAJI-SAEID,G.J.IGO,G.PAULETTA,A.K.RAHBAR,
A.T.WANG,C.A.WHITTEN JR.,M.M.GAZZALY,J.B.MCCLELLAND,T.HASEGAWA)
TITLE= CROSS SECTIONS AND ANALYZING POWERS IN THE (P,D) REACTION AROUND 500 MEV
REF=PL/B147(1984)253

<<<<D1114>>>>
AUTH=(T.ALTZITZOGLOU,R.T.KOUZES,F.W.LOESER,M.M.LOWRY,R.A.NUMANN,R.E.CHRIEN)
TITLE= MEASUREMENT OF THE 158TB ELECTRON-CAPTURE Q VALUE
REF=PR/C31(1985)360

<<<<D1115>>>>
AUTH=(F.FOROUGHI,H.VUILLEME,P.CHATELAIN,C.NUSSBAUM,B.FAVIER)
TITLE= PROTON ANALYSING POWER AND CROSS SECTION MEASUREMENT IN THE
D(P(POL),2P)N REACTION FOR A CONFIGURATION FAVOURING THREE-NUCLEON FORCES
REF=JP/G11(1985)59

<<<<D1116>>>>
AUTH=(J.KERN,A.BRUDER,J.-CL.DOUSSE,M.GASSER,V.A.IONESCU,
R.LANNERS,B.PERNY,B.PILLER,CH.RHEME,B.SCHALLER)
TITLE= ANOMALOUS G-FACTORS IN ODD-ODD 174LU
REF=PL/B146(1984)183

<<<<D1117>>>>
AUTH=(K.YAGI,H.IIDA,Y.AOKI,K.HASHIMOTO,Y.TAGISHI)
TITLE= ENERGY DEPENDENCE OF (P,T) ANALYZING POWERS ARISING FROM
STRONG,SEQUENTIAL, TWO-STEP PTOCESSES WITH J DEPENDENCE
REF=PR/C31(1985)120

<<<<D1118>>>>
AUTH=(K.YAGI,Y.AOKI,K.HASHIMOTO,H.IIDA,H.SAKAMOTO,
Y.TAGISHI,M.MATOBAMA,IGARASHI,K.-I.KUBO)
TITLE=ANALYZING POWER AS A PROBE FOR CLARIFYING NUCLEAR REACTION MECHANISMS
: STUDY OF THE TWO-STEP UNBOUND CHANNEL CONTRIBUTION
REF=PR/C31(1985)676

<<<<D1119>>>>
AUTH=(H.C.EVANS,I.P.JOHNSTONE,J.R.LESLIE,W.MCLATCHIE,H.-B.MAK,P.SKENSVED,
T.K.ALEXANDER)
TITLE= THE BRANCHING RATIO IN THE DECAY OF 7BE
REF=CJP62(1984)1139

<<<<D1120>>>>
ATH=(TAKASHI INOUE)
TITLE= FLUCTUATIONS IN THE REACTION 19F(P,ALPHA)16O IN THE RANGE E(P)=7.6-13.0MEV
REF=JPJ53(1984)4158

<<<<D1122>>>>
ATH=(F.HOYLER,H.OBERHUMMER,T.ROHWER,G.STAUDT,H.V.KLAPDOR)
TITLE= MICROSCOPIC AND SEMIMICROSCOPIC ANALYSIS OF THE REACTION
27AL(P,ALPHA)24MG IN THE ENERGY RANGE BETWEEN 20 AND 45 MEV
REF=PR/C31(1985)17

<<<<D1123>>>>
AUTH=(G.D.ERASMO,V.VARIALE,A.PANTALEO)
TITLE= MULTINUCLEON TRANSFER IN THE REACTION 12C(P,6LI)7BE AT EP=40.3 MEV
REF=PR/C31(1985)656

<<<<D1124>>>>
AUTH=(W.SCOBEL,M.BLANN,T.T.KOMOTO,M.TRABANDT,S.M.GRIMES,L.F.HANSEN,
C.WONG,B.A.POHL)
TITLE= SINGLE PARTICLE EFFECTS IN PRECOMPOUND REACTIONS
REF=PR/C30(1984)1480

<<<<D1126>>>>
AUTH=(M.G.ITKI,V.N.OKOLOVICH,A.YA.RUSANOV,G.N.SMIRENKIN)
TITLE= ASYMMETRIC FISSION OF THE PRE-ACTINIDE NUCLEI
REF=ZP/A320(1985)433

<<<<D1127>>>>
AUTH=(N.J.DIGIACOMO,M.R.CLOVER,R.M.DEVRIES,J.C.DOUSSE,J.S.KAPUSTINSKY,

P.L.MCGAUGHEY,W.E.SONDHEIM,J.W.SUNIER,M.BUENERD,D.LEBRUN)
 TITLE= INCLUSIVE PION PRODUCTION IN 330, 400, AND 500 MEV PROTON-NUCLEUS
 COLLISIONS
 REF=PR/C31(1985)292
 <<<<D1128>>>>

AUTH=(J.LISANTTI,J.R.TINSLEY,D.M.DRAKE,I.BERGQVIST,L.W.SWENSON,D.K.MCDANIELS,
 F.E.BERTRAND,E.E.GROSS,D.J.HOREN,T.P.SJORREEN)
 TITLE= ANALYZING POWER FOR THE INELASTIC CONTINUUM WITH 200 MEV PROTONS
 REF=PL/B147(1984)23
 <<<<D1129>>>>

AUTH=(F.CALAPRICE,G.T.EWAN,R.-D.VON DINCKLAGE,B.JONSON,O.C.JONSSON,H.L.LAVN)
 TITLE= ALPHA DECAY OF 198RN
 REF=PR/C30(1984)1671
 <<<<D1130>>>>

AUTH=(P.HILL,N.KAFFERLL,W.KURCEWICZ,G.NYMAN)
 TITLE= THE NEW NEUTRON-RICH NUCLEI 231FR AND 231RA
 REF=ZP/A320(1985)531
 <<<<D1131>>>>

AUTH=(M.FUJIWARA,S.MORINOBU,M.TOSAKI,H.ITO,I.KATAYAMA,
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 TITLE=LOW ENERGY OCTUPOLE RESONANCE IN 46TI STUDIED BY INELASTIC
 PROTON SCATTERING AT 65 MEV
 REF=PR/C35(1987)1257
 <<<<D1132>>>>

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 TITLE= OBSERVATION OF VECTOR ANALYZING POWER IN ELASTIC SCATTERING OF 150-MEV
 6LI ON 12C
 REF=PR/C36(1987)2146
 <<<<D1133>>>>

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 TITLE=MULTIPLE SCATTERING EFFECT FOR QUASIFREE SCATTERING IN THE
 3HE(P,PP)2HREACTION AT 64.8 MEV
 REF=NP/A473(1987)31
 <<<<D1134>>>>

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 TITLE=FINE STRUCTURE OF RESONANCE AT EX~14MEV IN 40CA
 REF=PR/C36(1987)573
 <<<<D1136>>>>

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 TITLE= CONTINUUM SPECTRA OF TARGET BREAKUP IN THE 6LI AND 7LI(P,P) REACTIONS
 REF=NP/A463(1987)429
 <<<<D1137>>>>

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 TITLE= EFFECT OF INELASTIC EXCITATION ON THE ELSTIC SCATTERING OF
 ALPHA PARTICLES FROM 144,148,150,152,154SM AT 120MEV
 REF=PR/C35(1987)931
 <<<<D1138>>>>

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 TITLE= MEASUREMENT OF THE DEPOLARIZATION PARAMETER K(Y',Y) IN P-2H
 ELASTIC SCATTERING AT E(P)=65MEV
 REF=PL/B188(1987)21
 <<<<D1139>>>>

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TITLE=TRANSVERSE POLARIZATION TRANSFER DNN(0 DEGREE) MEASUREMENTS
 FOR THE (P,N) REACTION ON 58NI AND 90ZR AT E(P)=80MEV
 REF=PR/C35(1987)1280
 <<<<D1140>>>>

AUTH=(S.KUBONO,K.MORITA,M.H.TANAKA,A.SAKAGUCHI,M.SUGITANI,S.KATO)
 TITLE= HIGHLY EXCITED HIGH SPIN STATES IN 28SI POPULATED THROUGH THE
 12C(20NE,ALPHA) REACTION
 REF=NP/A457(1986)461
 <<<<D1141>>>>

AUTH=(T.KURIHARA,S.KUBONO,M.SEKIGUCHI,M.H.TANAKA,
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 TITLE= STUDY ON THE 208PB(ALPHA,6HE)206PB REACTION AT E(ALPHA)=109 MEV
 REF=NP/A457(1986)45
 <<<<D1144>>>>

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 TITLE= THE 12C(D,P)13C REACTION AT ED=30 MEV AND POSITIVE-PARITY STATES IN 13C
 REF=NP/A448(1985)205
 <<<<D1145>>>>

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 K.MUTO,T.NAKAGAWA,K.NISIMURA,H.ORIHARA,T.SUEHIRO,T.TOHEI,M.YASUE)
 TITLE= A COMPARATIVE STUDY OF THE 13C(P,P)13C AND 13C(P,N)13N REACTION AT EP=
 35 MEV
 REF=NP/A456(1986)61
 <<<<D1146>>>>

AUTH=(T.HASEGAWA,S.KUBONO,K.NISHIMURA,M.SUGITANI,M.YASUE,K.IWATANI,H.HASAI,H.VENO)
 TITLE= 24MG(P,D)23MG REACTION TO 2.36MEV STATE (L=0,1/2+) BETWEEN 30 AND 40 MEV
 REF=JPJ/S55(1986)634
 <<<<D1147>>>>

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 Y.SUGIYAMA,E.TAKEKOSHI,T.TACHIKAWA,T.NOMURA)
 TITLE=MEASUREMENTS OF EVAPORATION RESIDUES TO INVESTIGATE LOWER
 LIMITING ANGULAR MOMENTA IN FUSION REACTIONS
 REF=NP/A456(1986)298
 <<<<D1148>>>>

AUTH=(Y.KADOTA,K.OGINO,K.OBORI,Y.TANIGUCHI,T.TANABE,M.YASUE,J.SCHMIZU)
 TITLE=HIGH SPIN STATES OF 2S-1D SHELL NUCLEI EXCITED BY (ALPHA,D) REACTION
 REF=NP/A145(1986)523
 <<<<D1150>>>>

AUTH=(J.J.KRAUSHAAR,M.FUJIWARA,K.HOSONO,H.ITO,M.KONDO,
 H.SAKAI,M.TOSAKI,M.YASUE,S.I.HAYAKAWA,R.J.PETERSON)
 TITLE=STREICHD STATES IN 26MG FROM THE 25MG(ALPHA,3HE) REACTION
 REF=PR/C34(1986)1530
 <<<<D1151>>>>

AUTH=(S.KUBONO,K.MORITA,M.H.TANAKA,A.SAKAGUCHI,M.SUGITANI,S.KATO)
 TITLE= A STRECHED (G9/2D-15/2)6+ STATE IN 28SI STUDIED THROUGH M=0
 SUBSTATE POPULATION
 REF=JPJ/S55(1986)798
 <<<<D1152>>>>

AUTH=(S.KUBONO,K.MORITA,M.H.TANAKA,A.SAKAGUCHI,M.SUGITANI,S.KATO)
 TITLE= G 9/2 SINGLE PARTICLE STATE IN 28SI
 REF=PR/C33(1986)1524
 <<<<D1153>>>>

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 H.OKASHITA,H.YOSHIKAWA,T.HORIGUCHI,Y.IWATA,S.SHIBATA,I.FUJIWARA)
 TITLE=ACTINIDES PRODUCED BY 12C + 242PU AND 16O + 238U REACTIONS
 REF=PR/C34(1986)909
 <<<<D1154>>>>

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 N.KATO,H.FUJITA,T.SUGIMITSU,S.KUBONO)
 TITLE= TRANSFER CROSS SECTIONS FOR 28SI+58,62NI
 REF=PL/B176(1986)302
 <<<<D1155>>>>

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 A.SAKAGUCHI,S.KUBONO,M.SUGITANI,S.KATO,T.SUEHIRO,M.FUKADA)
 TITLE= VECTOR ANALYZING POWER OF POLARIZED DEUTERONS IN THE (D,6LI) REACTION
 REF=JPJ/S55(1986)730
 <<<<D1156>>>>

AUTH=(M.ADACHI,T.KOHNO,A.MAKISHIMA,S.FUKUDA,M.FUKUDA,M.TAYA,H.TAKETANI)
 TITLE=G-FACTORS OF HIGH-SPIN ISOMERIC STATES IN 216RA
 REF=NP/A442(1985)361
 <<<<D1157>>>>

AUTH=(R.BERTINI,J.ARVIEXU,M.BOIVIN,J.M.DURAND,F.SOGA,E.DESCROIX,
 F.SOGA,E.DESCROIX,J.Y.GROSSIORD,A.GUICHARD,J.R.PIZZI,TH.HENNINO,L.ANTONU)
 TITLE=A STRONG ENERGY DEPENDENCE OF THE ANALYZING POWER IN THE
 PP->DPI+ REACTION AND THE QUESTION OF AN ISOVECTOR DIBARYON RESONANCE
 REF=PL/B162(1985)77
 <<<<D1158>>>>

AUTH=(K.A.FRANKEL,J.A.BISTIRLICH,R.BOSSINGHAM,
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 W.BENENSON,G.M.GRAWLEY,E.KASHY,J.A.NOLEN JR.,J.QUEBERT)
 TITLE=PION PRODUCTION NEAR MID-RAPIDITY IN HIGH-ENERGY HEAVY-ION COLLISIONS
 REF=PR/C32(1985)975
 <<<<D1160>>>>

AUTH=(H.HAMAGAKI,Y.SHIDA,H.KAMITSUBO,H.KAWAKAMI,
 T.KURIHARA,N.YOSHIKAWA,M.SAKAI)
 TITLE= MEASUREMENT OF GAMMA-RAY MULTIPLICITY EMITTED IN THE
 ALPHA-INDUCED FISSION OF 232TH
 REF=JPJ54(1985)2453
 <<<<D1164>>>>

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 TITLE= VECTOR ANALYZING POWER FOR TWO-STEP PROCESS IN THE REACTION 12C(D,6LI)8BE
 REF=JPJ/S55(1986)732
 <<<<D1181>>>>

AUTH=(T.FUKUDA,T.NOMURA,T.SHIMODA,K.KATORI,S.SHIMOURA,K.SUEKI,H.OGATA)
 TITLE= LINEAR MOMENTUM TRANSFER IN THE REACTION 232TH(14N,LIGHT PARTICLES)
 AT 208 MEV
 REF=NP/A429(1984)193
 <<<<D1183>>>>

AUTH=(J.J.HAMILL,R.J.PETERSON,M.YASUE)
 TITLE= HIGH-SPIN STATES IN THE DIRECT 12,13C(ALPHA,P)15,16N REACTINS
 REF=NP/A408(1983)21
 <<<<D1186>>>>

AUTH=(H.KUSAKARI,K.KITAO,K.SATO,M.SUGAWARA,H.KATSURAGAWA)
 TITLE= HIGH-SPIN STATES IN EVEN-MASS XE NUCLEI AND BACKBENDING PHENOMENA
 REF=NP/A401(1983)445
 <<<<D1187>>>>

AUTH=(H.ORIHARA,K.OGAWA,T.MURAKAMI,S.NISHIHARA,T.NKAGAWA,K.MAEDA)
 TITLE= OBSERVATION OF ISOSPIN MIXING FOR THE ISOBARIC ANALOG STATE
 IN 56CO THROUGH THE 56FE(P,N)56CO REACTION
 REF=NP/A403(1983)317
 <<<<D1208>>>>

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TITLE= LOCATION OF THE LOW-ENERGY ISOSCALAR OCTUPOLE RESONANCE IN 58NI
REF=PR/C37(1988)2885