

(資料)

1995年度入力データ

Data-entries of 1995

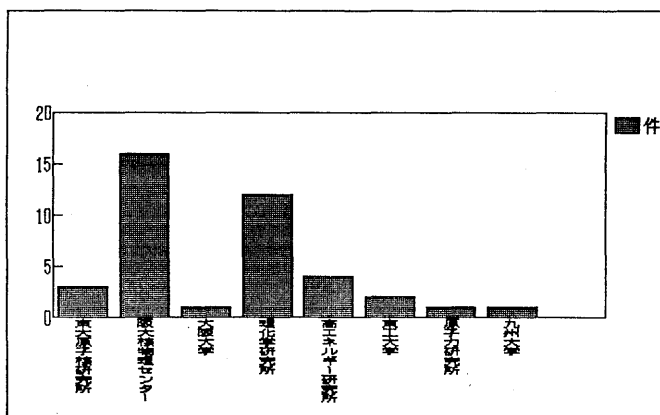
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I. 今年度入力論文リスト

・今年度の入力データは、以下のものから採集され、収録された論文数は計41編であった；

- ① アニュアルレポート,
 - ・ 東大核研 (INS)
 - ・ 九州大学 (KYUSHU UNIVERSITY TANDEM ACCELERATOR LABORATORY REPORT)
 - ・ 阪大核物理センター (RCNP)
 - ・ 筑波大 (UTTAC)
 - ・ 東北大 (CYRIC)
 - ・ 原子力研究所 (JAERI TANDEM, LINAC & V.D.G.)
 - ・ 理化学研究所 (RIKEN ACCELERATOR PROGRESS REPORT)
- ② 著者からの別刷り,
- ③ その他。

・今年度入力データに使用された加速器の設置されている研究所毎の論文件数の内訳は以下のとおりである。



・以下に今年度入力した論文のリストを示す。リストの項目は次のとおりである。

DATA n n はDATA番号。
[TITLE] 論文のタイトル。
[AUTH] 著者名（著者の方が多数のため2行以上にわたる時は最初の著者の名前を載せた。）
[雑誌名] 論文が掲載されている雑誌名。
および雑誌の巻数、（年）、頁。

DATA1553

[TITLE] SPIN-FLIP MEASUREMENTS FOR ISOSCALAR TRANSITIONS VIA THE $^{12}\text{C}(d, d' \gamma)$ REACTION

[AUTH] S. ISHIDA

[雑誌名] PL/B
314 (1993) P279

DATA1555

[TITLE] MEASUREMENTS OF $^{11}\text{Li}+p$ AND $^9\text{Li}+p$ ELASTIC SCATTERINGS AT 60MeV

[AUTH] C-B. MOON

[雑誌名] PL/B
297 (1992) P39

DATA1557

[TITLE] STRONG EVIDENCE OF THE COULOMB BREAKUP OF DEUTRON AT 56 MEV

[AUTH] H. OKAMURA

[雑誌名] PL/B
325 (1994) P308

DATA1559

[TITLE] MEASUREMENTS OF QUASI-ELASTIC SCATTERING AND $D_{nn}(0^\circ)$ WITH (p, n) REACTIONS

[AUTH] H. SAKAI

[雑誌名] NP/A
577 (1994) P111C

DATA1560

[TITLE] (He, t) CHARGE-EXCHANGE REACTIONS AT $E(^3\text{He})=450$ MeV, $\theta=0^\circ$

[AUTH] H. AKIMUNE

[雑誌名] NP/A
569 (1994) P245C

DATA1561

[TITLE] SPIN-ISOSPIN EXCITATIONS IN NUCLEI VIA (3He, t) REACTION AT 450MeV

[AUTH] M. FUJIWARA

[雑誌名] NP/A
577 (1994) P43C

DATA1562

[TITLE] MICROSCOPIC STRUCTURE OF THE GAMOW-TELLER RESONANCE IN 208Bi

[AUTH] H. AKIMUNE

[雑誌名] NP/A
569 (1994) P255C

DATA1563

[TITLE] THE (3He, tp) REACTION: A MEANS TO STUDY THE MICROSCOPIC STRUCTURE OF SPIN-ISOSPIN MODES

[AUTH] M. N. HARAKEH

[雑誌名] NP/A
577 (1994) P57C

DATA1567

[TITLE] MEASUREMENT OF d-C AND d-A1 TOTAL CROSS SECTIONS IN THE INCIDENT MOMENTUM RANGE 2.0-4.0GeV/c

[AUTH] T. KISHIDA

[雑誌名] PR/C
45 (1992) P2926

DATA1569

[TITLE] CONTINUUM SPECTRA OF NEUTRONS FOLLOWING THE $^{92}\text{Zr}(\alpha, \alpha')$ REACTION

[AUTH] H. OHSUMI

[雑誌名] NP/A
469 (1987) P507

DATA1570

[TITLE] IN-BEAM γ -RAY STUDY OF ^{212}Po

[AUTH] M. SUGAWARA

[雑誌名] NP/A
443 (1985) P461

DATA1572

[TITLE] LARGE DEFORMATION OF THE VERY NEUTRON-RICH NUCLEUS ^{32}Mg FROM INTERMEDIATE-ENERGY COULOMB EXCITATION

[AUTH] T. MOTOBAYASHI

[雑誌名] PL/B
346 (1995) P9

DATA1573

[TITLE] COULOMB DISSOCIATION OF A HALO NUCLEUS ^{11}Be AT 72 AMeV

[AUTH] T. LNAKAMURA

[雑誌名] PL/B
331 (1994) P296

DATA1574

[TITLE] OBSERVATION OF ^{10}He

[AUTH] A. A. KORSHENINNIKOV

[雑誌名] PL/B
326 (1994) P31

DATA1576

[TITLE] COULOMB DISSOCIATION OF ^8B AND THE $^7\text{Be}(p, \gamma)^8\text{B}$ REACTION AT LOW ENERGIES

[AUTH] T. MOTOBAYASHI

[雑誌名] PRL
73 (1994) P2680

DATA1577

[TITLE] COUPLING EFFECTS STUDIED IN THE $^{13}\text{C}(p, pn)^{12}\text{C}$ AND $^{13}\text{C}(p, d)^{12}\text{C}$ REACTIONS AT $E_p=35\text{MEV}$

[AUTH] H. TOYOKAWA

[雑誌名] PR/C
51 (1995) P2592

DATA1578

[TITLE] TENSOR ANALYSING POWER OF THE $(d, ^2\text{He})$ REACTION ON ^{12}C AT 70 MeV

[AUTH] T. MOTOBAYASHI

[雑誌名] JP/G
14 (1988) PL137

DATA1579

[TITLE] A STUDY OF 0° TRANSVERSE POLARIZATION TRANSFER IN (p, n) REACTIONS FROM ^{12}C , ^{13}C AND ^{40}Ca AT 80 AND 50 MeV

[AUTH] H. SAKAI

[雑誌名] NP/A
579 (1994) P45

DATA1580

[TITLE] SPIN-ISOSPIN RESONANCES OBSERVED IN THE (d, ^2He) AND (^{12}C , ^{12}N) REACTIONS AT $E/A=135\text{MeV}$

[AUTH] T. ICHIHARA

[雑誌名] NP/A
569 (1994) P287C

DATA1583

[TITLE] MEASUREMENT OF DEUTERON-DEUTRON TOTAL CROSS SECTIONS IN THE INCIDENT MOMENTUM RANGE 1.5-4.0 GeV/c

[AUTH] T. KISHIDA

[雑誌名] RP/C
41 (1990) P180

DATA1584

[TITLE] DIRECT PROTON DECAY FROM THE GAMOW-TELLER RESONANCE IN ^{208}Bi

[AUTH] H. AKIMUNE

[雑誌名] PR/C
52 (1995) P604

DATA1585

[TITLE] DECAY PROPERTY OF ^{20}Na FOR THE ONSET MECHANISM OF THE RAPID-PROTON PROCESS

[AUTH] S. KUBONO

[雑誌名] PR/C
46 (1992) P361

DATA1588

[TITLE] BREAKUP OF ^3He WITH 59.6 MeV VECTOR-POLARIZED DEUTERONS AT DP QUASIFREE-SCATTERING CONDITIONS

[AUTH] T. SEKIOKA

[雑誌名] NP/A
588 (1995) P510

DATA1591

[TITLE] $4\text{He}(4\text{He}, 3\text{He})5\text{He}(\text{g}, \text{s})$ REACTION AT 118MeV, AND ITS DISTORTED WAVE BORN APPROXIMATION INTERPRETATION

[AUTH] R. E. WARNER

[雑誌名] PR/C

49

(1994)

P1534

DATA1593

[TITLE] STUDY OF THE β -DELAYED NEUTRON EMISSION OF ^{19}C

[AUTH] A. OZAWA

[雑誌名] NP/A

592

(1995)

P244

DATA1595

[TITLE] RETARDATION OF SINGLE-PARTICLE $E1$ TRANSITIONS FROM THE 622 KEV BROAD D-WAVE NEUTRON RESONANCE IN ^9Be

[AUTH] H. KITAZAWA

[雑誌名] NP/A

575

(1994)

P72

DATA1598

[TITLE] Λ -NUCLEON INTERACTION IN NUCLEI PROBED BY THE QUASIFREE $^{12}\text{C}(\pi^+, k^+)$ REACTION

[AUTH] T. KISHIMOTO

[雑誌名] PR/C

51

(1995)

P2233

DATA1599

[TITLE] STRUCTURE OF ^{17}Ne BY THE THREE-NEUTRON PICK-UP ($^3\text{He}, ^6\text{He}$) REACTION

[AUTH] V. GUIMARAES

[雑誌名] ZP/A

353

(1995)

P117

DATA1601

[TITLE] CORE-EXCITED STATES OF $^{12}\Lambda\text{C}$ HYPERNUCLEI FORMED IN THE (π^+, k^+) REACTION

[AUTH] T. HASEGAWA

[雑誌名] PRL

74

(1995)

P224

DATA1602

[TITLE] ISOSPIN DECOMPOSITION OF THE GAMOW-TELLER STRENGTH IN ^{58}Cu

[AUTH] Y. FUJITA

[雑誌名] PL/B
365 (1996) P29

DATA1603

[TITLE] ELECTRIC QUADRUPOLE MOMENTS OF NEUTRON-RICH NUCLEI ^{14}B AND ^{15}B

[AUTH] H. IZUMI

[雑誌名] PL/B
366 (1996) P51

DATA1604

[TITLE] SEARCH FOR DEEPLY-BOUND PIONIC STATES USING ($p, 2\text{He}$) REACTIONS AT 390.6MEV

[AUTH] N. MATSUOKA

[雑誌名] PL/B
359 (1995) P39

DATA1605

[TITLE] ENTRANCE CHANNEL EFFECT ON THE PRE-SCISSION TIME OF BINARY DECAY FOR THE MEDIUM MASS NUCLEI (MASS \sim 110)

[AUTH] K. YUASA-NAKAGAWA

[雑誌名] PL/B
351 (1995) P77

DATA1606

[TITLE] COULOMB DISSOCIATION REACTION AND CORRELATIONS OF TWO HALO NEUTRONS IN ^{11}Li

[AUTH] S. SHIMOURA

[雑誌名] PL/B
348 (1995) P29

DATA1607

[TITLE] SPECTROSCOPY OF ^{12}Be AND ^{13}Be RADIOACTIVE BEAM

[AUTH] A. A. KORSHENINNIKOV

[雑誌名] PL/B
343 (1995) P53

DATA1608

[TITLE] SEARCH FOR PARITY NONCONSERVATION IN THE COMPOUND NUCLEUS REACTION VIA AN ISOVARIC ANALOG RESONANCE USING A THICK TARGET

[AUTH] K. KIMURA

[雑誌名] PL/B
336 (1994) P303

DATA1609

[TITLE] TWO-NUCLEON PION ABSORPTION IN 4He AT $1\text{GeV}/c$

[AUTH] T. NAGAE

[雑誌名] PL/B
335 (1994) P330

DATA1611

[TITLE] MICROSCOPIC STRUCTURE OF THE GAMOW-TELLER RESONANCE IN 208Bi

[AUTH] H. AKIMUNE

[雑誌名] PL/B
323 (1994) P107

DATA1612

[TITLE] MAGNETIC MOMENT OF THE SHORT-LIVED β -EMITTER 23Mg

[AUTH] M. FUKUDA

[雑誌名] PL/B
307 (1993) P278

DATA1613

[TITLE] AIRY MINIMUM CROSSING $\theta_{\text{cm}} = 90^\circ$ AT $E_{\text{lab}} = 124\text{MEV}$ FOR THE $160+160$ SYSTEM

[AUTH] Y. KONDO

[雑誌名] PL/B
365 (1996) P17

DATA1614

[TITLE] HIGH-RESOLUTION MEASUREMENTS OF ANALOGUE STATES IN 53Mn

[AUTH] Y. OZAWA

[雑誌名] NP/A
440 (1985) P13

II. N R D F データ量

表1は、N R D Fに入力されたデータ量を各年度ごとに示したものである。また、そのあとの図1, 2に示された2つのグラフは各年度毎の入力データ量とレコード数、およびそれらの累積量を棒グラフに示す。

表1. N R D F データ蓄積量

年度	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)
昭和55	——	——	2,144	5.96	2,144	5.96
昭和56	1,912	5.74	1,824	6.81	3,968	12.78
昭和57	2,080	7.14	1,801	6.52	5,769	19.30
昭和58	2,200	7.00	2,252	6.53	8,021	25.83
昭和59	1,700	5.60	1,703	5.03	9,724	30.86
昭和60	1,800	5.60	2,170	5.50	11,894	36.36
昭和61	1,000	3.20	962	3.14	12,856	39.50
昭和62	1,100	3.50	1,364	3.16	14,220	42.66
昭和63	1,500	3.50	1,384	3.30	15,604	45.96
平成1	1,500	3.20	1,224	3.20	16,828	49.16
平成2	1,200	3.20	1,282	2.90	18,100	52.06
平成3	1,000	3.00	789	2.20	18,889	54.26
平成4	1,000	3.00	1,620	3.00	20,509	57.26
平成5	1,000	3.00	1,096	3.09	21,605	60.35
平成6	1,000	3.00	1,328	3.00	22,933	63.35
平成7	1,000	3.00	200	3.00	23,133	66.35

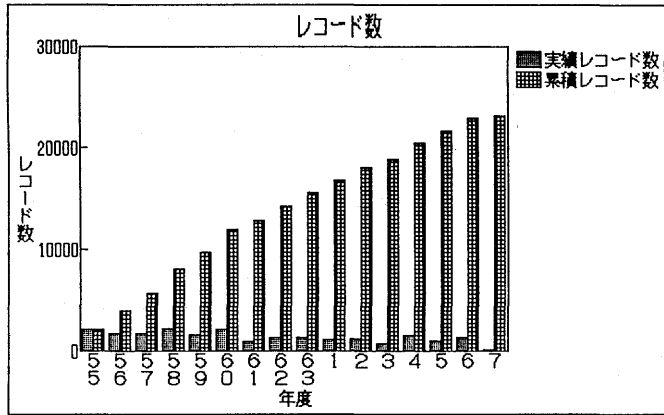


図 1 . N R D F 各年度収録実績レコード数と累積レコード数

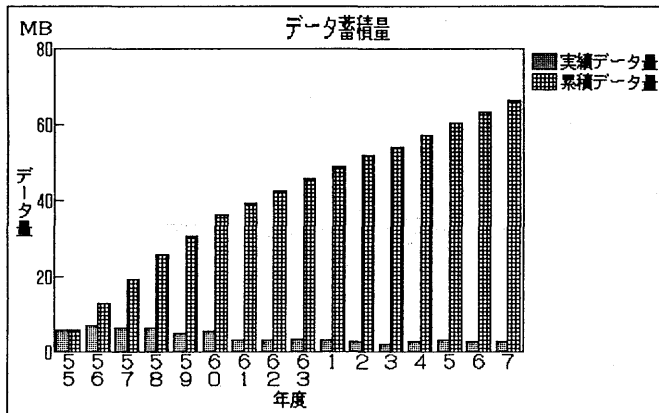


図 2 . N R D F 各年度収録実績データ量と累積データ量

Ⅲ. 検索可能な文献数

現在まで収集されたデータのうち検索可能な文献総数は944件であるが、以下の表2・図3は論文の形で発表された年毎のデータ件数の内訳を示したものである。

表 2

年度	論文数
1968	3
1969	4
1970	3
1971	0
1972	2
1973	21
1974	17
1975	19
1976	19
1977	18
1978	91
1979	151
1980	59
1981	40
1982	90
1983	110
1984	87
1985	67
1986	37
1987	26
1988	42
1989	16
1990	32
1991	14
1992	25
1993	14
1994	20
1995	12
1996	3

図 3

