

Correlations of the Resonance Parameters of
Fissionable Nuclei, by Ye. V. Gay, N. S. Rabo-
tnov.

RUSSIAN, rpt, FEI-56.
AEC BNL-tr-187

Sci-Phys
Jul 68

357,318

70-13508-18H

Broder, D. L.

TIME AND ENERGY DISTRIBUTION CHARACTERISTICS
OF NEUTRONS EMITTED FROM HYDROGEN-
CONTAINING RADIATORS. NEUTRON ABSORPTION TIME.

USSR. Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi
Energii. Fiziko-Energeticheskii Institut. Report FEI-85.

ANL-TRANS-638.

Order from NTC as 70-13508-18H: HC \$ 6.70, MF \$ 5.80.

(AEC-tr-7183) INTERACTION OF BORON AND
CARBIDE WITH AUSTENITIC CHROMONICKEL STEEL IN A
MEDIUM OF SODIUM. Smirnov, V. P.; Bospalov, A. G.; Zo-
lotukhin, B. N.; Pavlinov, I. V. (Gosudarstvennyi Komitet po
Ispol'zovaniyu Atomnoi Energii SSSR, Obninsk, Fiziko-En-
ergeticheskii Institut). Translation of report FEI-119. 20
21p. 24Dep. NTIS.

25

26reactor materials; translations 2718J

28STD-25 29P NSA

REVISED CARD

Agency: AEC/Tenn.

P.O. Number: DTI-69-55b

H-10231-D

26 March 1969

Title: Overcoming the Elastic Field of Point Defects During Glide of Dislocation.

Author: V.M. Chernov, V. L. Indenbom

Source: Fiziko-Energeticheskii Institut, Obninsk, 1968. 25p. FEI-132

Language - Russian

Special Instructions: Please translate and type 1 copy of abstract

On page 1 only

Agency: AEC/Tenn.

R-10230-D

P.O. Number: DTI-69-55a

26 March 1969

Title: Integrals of Reactivity and their Use
for the Solution of Some Tasks in the Physics
of Reactors.

Author: E. A. Stumber

Source: Fiziko-Energeticheski Institut,
Obninsk, 1968. FEI-142 51p.

Language - Russian

Special Instructions: Please translate and
type 1 copy of abstract.

On Page 2 only

Fast Fission Ionization Chamber, by V. N. Kononov,
A. A. Motley, 10 pp.
RUSSIAN, rpt, Fiziko-Energot Inst, Obninsk,
FEI-143, 1968.
AEC/ANL-Tr-819-70

Sci/Phy
Jun 70

Delayed Neutrons and Charge Distribution in
Fission, by B. P. Maksimutenko. 8 pp.
RUSSIAN, rpt, FNI-145.
ABC-LA-tr-69-3

Sci-Phys
Oct 70

Agency: AEC/Tenn.

P.O. Number: DTI-70-18

Title: Concerning Low-Frequency Variations in a Plasma Diode of High Pressure.

Authors: V.A. Zherebtsov and I.P. Stakhanov

Source: Fiziko-Energeticheskii Institut, Obninsk. Report FEI-148. 1969.

Language: Russian

Special Instructions: Translate and type the Russian abstract preceding each report.

Agency: AEC/Tenn.

Report Number: FEI-70-18

Title: A Study of the Transitional Processes in
a Confined Cesium Plasma.

Authors: N. V. Volkov, et al.

Source: Fiziko-Energeticheskii Institut,
Obninsk. Report FEI-152. 1969.

Language: Russian

Special Instructions: Translate and type the
Russian abstract preceding each report.

Agency: AEC/Tenn.

P.O. Number: DTI-70-18

Title: Cross Sections of the Formation of Gamma-Quanta in the Reaction $(n, n'\gamma)$ in Nuclei of Fluorine, Cobalt, Antimony and Tantalum.

Authors: D. L. Broder, et al.

Source: Fiziko-Energeticheskii Institut, Obninsk. Report FEI-155. 1969

Language: Russian

Special Instructions: Translate and type the Russian abstract preceding each report.

Agency: AEC/Tenn.

P.O. Number: DTI-70-18

Title: Concerning One Method of the Solution
of Linear Systems with Stochastic Matrixes

Author: M. Z. Tarasko

Source: Fiziko-Energeticheskii Institut,
Obninsk. Report FEI-156. 1969.

Language: Russian

Special Instructions: Translate and type the
Russian abstract preceding each report.

Even-Odd Differences and Structure of Fission
Barriers, by A. V. Ignatiuk. 5 pp.
RUSSIAN, rpt, FKI-157.
ANC-LA-tr-69-33

Sci-Phys
Oct 70

LA-4385-TR) PHOTOFISSION OF ^{232}Th , ^{238}U , ^{238}Pu ,
 ^{240}Pu , AND ^{242}Pu AND STRUCTURE OF THE FISSION BARRIER.
Rabotnov, N. S.; Smirenkin, G. N.; Soldatov, A. S.; Usachev, I. N.;
Kapitsa, S. P.; Tsipenluk, Yu. M. (Gosudarstvennyi Komitet po
Ispol'zovaniyu Atomnoi Energii SSSR, Obninsk, Fiziko-Energe-
ticheskii Institut). ¹⁰Translated by Helen J. Dahlby (Los Alamos
Scientific Lab., N. Mex.), from report ¹¹FEI-170. ²⁰16p. ²⁴Dep.
CFSTI.

¹¹physics (nuclear); translations ²⁷20H

²⁸STD-34 ²⁹P NSA

A.E.C. (LA-4369-TR) ANGULAR ANISOTROPY AND
STRUCTURE OF THE FISSION BARRIER. Androsenko, K. D.;
Ermagambetov, S. B.; Ignatiuk, A. V.; (and others). ¹⁰Trans-
lated by Helen J. Dahlby (Los Alamos Scientific Lab., N. Mex.),
from report ¹¹FEI-185. ²⁰15p. ²⁴Dep. CFSTI.

²⁶physics (nuclear); translations ²⁷20H

²⁸STD-34 ²⁹P NSA

7110 (LIB/Trans-380) RADIATIVE CAPTURE OF NEU-
TRONS BY THE ^{232}Th NUCLEUS IN THE ENERGY RANGE 0.01 TO 15
MeV. Davletshin, A. N.; Tolstikov, V. A.; Abramov, A. I.
Translated by W. Plotnikoff (Australian Atomic Energy Com-
mission Research Establishment, Lucas Heights), from report
FEI-234. 33p. Dep. NTIS (U. S. Sales Only).

physics (nuclear); translations 20H

MN-34 NP NSA

4(ANI-Trans-002) ANALYSIS OF THE CENTRAL
 REACTIVITY COEFFICIENTS IN THE RAPID ASSEMBLY DE-
 VICE. 6Voropayev, A. I.; Dulin, V. A.; Kazanskii, Yu. A.; Ma-
 montov, V. F.; Sidorov, G. I. 7(Gosudarstvennyi Komitet po
 Ispol'zovaniyu Atomnoi Energii SSSR, Obninsk, Fiziko-Energeti-
 cheskii Institut). 10Translated for Argonne National Lab., Ill.,
 from report 11FEI-247. 2019p. 24Dep. NTIS.

26reactor physics; translations 2718K

28MN-80 29P NSA

Designing of Installation "Tokamak TM-3", by
D. P. Ivanov & K. A. Razumova.
RUSSIAN, per, Institut Atomnoy Energii Im. I V
Kurchatova, Moskva, SSSR, 1966, pp 1-16.
P100045268-V
FTD-MT-24-88-67

Sci/Phys
Mar 68

351,180

"Shells" in Deformed Nuclei, by V. M. Strutinskiy,
69 pp.

RUSSIAN, rpt, I. V. Kurchatov Inst. of Atomic
Energy, 1967. F911335467
AEC IA-Tr-67-36

Sci/Nucl
Nov 67

3A2,405

High Energy Internal Conversion Electrons Emitted
From Sm¹⁵⁰ Gd¹⁵⁸ Nuclei in the (n, γ) Reaction,
by Yu. N. Panin, V. I. Pelekhov, 7 pp.
RUSSIAN, rpt, I. V. Kurchatov Atomic Energy Institute
Institute, 1969.
AEC/BNL-Tr-306-69

Sci/Phy
Apr 70

405,698

Prospectives of Processing Highly Irradiated
Fuel Elements by the Extraction Method, by
V. B. Shevchenko, 17 pp.
RUSSIAN, rpt, I. V. Kurchatova Atomic Energy Inst.,
1969.
AEC/ANI.-Tr-770-69

Sci/Phy
Dec 69

396,042

ACC (NAL-4-3) HIGH-RESOLUTION DIFFERENTIAL
CERENKOV COUNTERS. Gorin, Yu. P.; Denisov, S. P.; Donskov,
S. V.; Krasnokutskii, R. N.; Petrukhin, A. I.; Prokoshkin, Yu. D.;
Stoyanova, D. A.; Shuvalov, R. S. (Gosudarstvennyi Komitet
po Ispol'zovaniyu Atomnoi Energii SSSR, Serpukhov. Institut
Fiziki Vysokikh Energii). Translated for National Accelerator
Lab., Batavia, Ill., from Russian report IHEP-70-48. 14p. Dep.
NTIS.

instrumentation; translations 18D

MN-37 P NSA

Some Aspects of Tissue Dosimetry of Ra^{226} , by
V. M. Malykhin, V. P. Shamov, 27 pp.
RUSSIAN, rpt, Gosudarstvenny Komitet po Ispol
Atom Energii SSSR, Np-17201, 1967.
AEC/ANL/Tr-686-68

Sci/B & M
May 69

377,452

Agency: AEC/Tenn.

P.O. Number: DR-70-25

R-11029-D

6 Nov. 69

Title: Developing High-Frequency Fields in Plasma Installations.

Authors: G. I. Zverev, et al.

Source: Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Sukhumi. Fiziko-Tekhnicheskii Institut. NP-17893. 1969. 18p.

Language: Russian

Special Instructions: Paste up on original translated copy. Camera ready, integrated text, repro copy.

4(AEC-tr-7160) PLASMA HEATING WITH STRONG
ELECTRON BEAMS IN A MIRROR-TYPE MAGNETIC TRAP.
6Demirkhanov, R. A.; Govorkov, A. K.; Popov, A. F.; Pokhanka,
Ya. 7(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii
SSSR, Sukhumi, Fiziko-Tekhnicheskii Institut). 8Translation of
report 11NP-18050. 1031p. 12Dep. CFSTI.

13fusion devices (thermonuclear); physics (plasma); translations 21
18A, 201

19STD-20 20P NSA

REVISED CARD

(AEC-tr-7170) **ROLE OF REPEATED IGNITION
OF DISCHARGES IN ZETA-PINCH DYNAMICS.** ⁶Kvartskhava,
¹I. F.; ²Mal'kov, Yu. V. ⁷(Gosudarstvennyi Komitet po Ispol'zo-
vaniyu Atomnoi Energii SSSR, Sukhumi. Fiziko-Tekhnicheskii
Institut). ¹⁰Translation of report ¹¹NP-18065. ¹⁵~~20~~12p. ²⁴Dep.
CFSTI.

²⁶fusion devices (thermonuclear); physics (plasma); translations
²⁷18A, 201

²⁸STD-20 ²⁹P NSA

REVISED CARD

4(ARC-tr 7282) 5 TURBULENT HEATING OF IONS IN
SKINNED HIGH-FREQUENCY DISCHARGE. 6 Dubovoi, L. V.;
Ivanov, V. A.; Chernobrovin, V. I. 7 (Gosudarstvennyi komitet po
Ispol'zovaniyu Atomnoi Energii SSSR, Leningrad). 10 Translation
of report 11 NP-18187. 20 18p. 24 Dep. NTES.

28 Physics (plasma); translations 27 201

28 STD-34 29 P NSA

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(AEC-tr-7273) STUDIES OF DIFFUSION OF DENSE
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Baratov, G.; Malykh, N. I.; Merzhkin, V. G.; Stotland, M. A.;
Ten, Yu.; Khil, Sh. V. (Gosudarstvennyi Komitet po Ispol'zo-
vaniyu Atomnoi Energii SSSR, Sukhumi, Fiziko-Tekhnicheskii
Institut). Translation of report NP-18502. 11p. Dep.
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fusion devices (thermonuclear); translations 18A

STD-20 P NSA

2ND REVISED CARD

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METALLIC CHAMBER WITH SECTIONS. Stotland, M. A.; Khal,
Ch. V. Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi En-
ergii SSSR, Sukhumi. Fiziko-Tekhnicheskii Institut). Translation
of report NP-18505. 19p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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(AEC-tr-7388) R-OM EXPERIMENTAL SETUP FOR
STUDYING THE INTERACTION OF HIGH-FREQUENCY FIELDS
WITH A PLASMA. Demirkhanov, R. A.; Kirov, A. G.; Mayburov,
V. B.; Rakhel'kin, A. Z.; Savchenko, I. S.; Stotland, M. A. (Gosu-
darstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR,
Sukhumi. Fiziko-Tekhnicheskii Institut). Translated from re-
port 11 NP-18801. 20 62p. 24 Dep. NTIS.

20 fusion devices (thermonuclear); physics (solid-state); translations
27 18A, 201

21 STD-20 22 P NSA

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(AEC-tr-7326) CIRCUITS FOR STUDYING THE
INTERACTION OF HIGH-FREQUENCY FIELDS WITH A PLASMA
IN LINEAR DEVICES. Savchenko, I. S.; Yampol'ski, I. R. 7
(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR,
Sukhumi. Fiziko-Tekhnicheski Institut). 10 Translation of report
11 NP-18895. 20 18p. 24 Dep. NTIS.

26 physics (plasma); translations 27 201

28 STD-34 29 P NSA

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(AEC-U-7305) PLASMA PHYSICS AND CONTROLLED
THERMONUCLEAR REACTIONS, 1968 TO 1969. (Gosudarstvennyi
Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Sukhumi. Fiziko-
Tekhnicheskii Institut). ¹⁰Translation of report ¹¹NP-48901. ²⁰330p.
²⁴Dep. NTIS.

²⁸fusion devices (thermonuclear); physics (plasma); translations
²⁷18A, 201

²⁸STD-20 ²⁹P NSA

REVISED CARD

(AEC-67-7328) MULTITUBE GENERATING BANK.
Zverev, G. I.; Lyul'ev, V. L.; Mayburov, V. B.; Savchenko, I. S.;
Yampol'skii, I. R. (Gosudarstvennyi Komitet po Ispol'zovaniyu
Atomnoi Energii SSSR, Sukhumi, Fiziko-Tekhnicheskii Institut).
Translation of report NP-18943. 208p. 24Dep. NTIS.

physics (plasma); translations 27201

STD-34 29P NSA

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(AEC-tr-7384) , THEORY OF HYDRODYNAMIC
STABILITY OF A PLASMA IN THE FIELD OF AN ALFVEN WAVE
OF FINITE AMPLITUDE. , Elfimov, A. G.; Nekrasov, F. M.
(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR,
Sukhumi, Fiziko-Tekhnicheskii Institut). , Translated from report
NP-19260. 2020p. , Dep. NTIS.

physios (plasma); translations 27201

STD-34 P NSA

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(AEC-4r-7383) THETA PINCH IN AN ELECTRON-
HOLE PLASMA WITH SURFACE GENERATION. Vladimirov,
V. V.; Kozlovskaya, N. N.; Shanski, V. F. (Gosudarstvennyi
Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Leningrad).
Translated from report NP-19269, 7p. Dep. NTIS.

physics (plasma); physics (solid-state); translations 201, 20L

STD-34 P NSA

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11 C (CERN-Trans-71-4) SEARCH FOR PARTICLES
WITH A FRACTIONAL CHARGE (QUARKS) IN THE 70 GeV
ACCELERATOR. Antipov, Yu. M.; Vishnevskii, N. K.; Ech,
F. A.; (and others) 7 (Gosudarstvennyi Komitet po Ispol'zo-
vaniyu Atomnoi Energii SSSR, Serpukhov. Institut Fiziki Vysokikh
Energii). 10 Translated by B. Hodge from report 11 IFVE-68-72.
20 17p. 24 Dep. NTIS (U. S. Sales Only).

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26 Physics (particle); translations 27 20H

28 MN-34 29 NP NSA

S

1-3 C. 4(CERN-Trans-71-27) 5SCINTILLATION HODOSCOPE
 WITH LIGHT CODING. 6Burgorski, A. P.; Borisov, A. A.; De-
 rovshchikov, A. A.; (and others) 7(Gosudarstvennyi Komitet po
 Ispol'zovaniyu Atomnoi Energii SSSR, Serpukhov, Institut Fiziki
 Vysokikh Energii). 10Translated by R. Luther (CERN, Geneva,
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26Instrumentation; translations 2718D

28MN-37 29NP NSA

1200 (G3NL-tr-198) POWER SUPPLY SYSTEM FOR THE
PREINJECTOR OF THE I-100 LINEAR ACCELERATOR. Mal'tsev,
I. G. (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi En-
ergii SSSR, Serpukhov. Institut Fiziki Vysokikh Energii). 10 Trans-
lated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.),
from report 11 IFVE-71-83. 20 11p. 24 Dep. NTIS.

Particle accelerators; translations 212001

28 MN-28 29 P NSA

Biological Shielding and Technique of Rapid
Ejection, by G. I. Britvich, 25 pp.
RUSSIAN, rpt, Gosudarstvennyi komitet po
Ispol'zovaniyu Atomnoi Energii, SSSR, Serpukhov,
Institute Fiziki Vysokikh Energii, CERN-69-13.
AEC-ORNL-Tr-2290

Sci/Nucl
Nov 70

1/1 (CERN-Trans 71-16) HIGH-INTENSITY (10-16)
GeV/c NEGATIVE PARTICLE BEAM. Golovnya, N. I.; Grachev,
M. I.; Gubrienko, K. I.; Eremenko, E. V.; Kotov, V. I.; Seleznev,
V. S.; Khodyrev, Yu. S. (Gosudarstvennyi Komitet po Ispol'zo-
vaniyu Atomnoi Energii SSSR, Serpukhov. Institut Fiziki Vysokikh
Energii). Translated by R. Luther (CERN, Geneva, Switzerland),
from report IFVE-OP-70-28. 8p. Dep. NTIS (U. S. Sale-
Only).

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particle accelerators; physics (particle); translations 20G,
20H

28MN-28 29NP NSA

770 (CERN-Trans-72-10) METHOD OF MEASURING
 PHASE DIFFERENCES WITH A DOUBLE FREQUENCY TRANS-
 FORMATION. Vishnevskaya, A. M.; Prosin, B. V. (Gosudar-
 stvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Serpuk-
 hov. Institut Fiziki Vysokikh Energii). ¹⁰Translated by B. Hodge
 (CERN, Geneva), from report ¹¹IFVE-OP-70-36. ²⁰8p. ²⁴Dep.
 NTIS (U. S. Sales Only).

²⁰electronics and electrical engineering; translations ²⁷09

²⁸MN-38 ²⁹NP NSA

HEC (CERN-Trans-72-12) CHANNEL SYSTEM FOR
NEGATIVE PARTICLES WITH A MOMENTUM OF UP TO 40
GeV/c. Grachev, M. I.; Gubrienko, K. I.; Eremenko, E. V.;
Kartashev, V. P.; Kotov, V. I.; Samoyulov, A. V.; Seleznev,
V. S.; Khodyrev, Yu. S. (Gosudarstvennyi Komitet po Ispol'-
zovaniyu Atomnoi Energii SSSR, Serpukhov. Institut Fiziki
Vysokikh Energii). 810 Translated by B. Hodge (CERN), from
report 11 IFVE-OP-70-98, 2018p. 21 Dep. NTIS (U. S. Sales Only).

20 particle accelerators; physics (particle); translations 2720G,
20H

28 MN-28 29 NP NSA

1/1 (CERN-Trans 72-11) INDUCED RADIOACTIVITY
AT THE IHEP PROTON SYNCHROTRON. Golovachuk, V. T.;
Britvich, G. I.; Lebedev, V. N. (Gosudarstvennyi Komitet po
Ispol'zovaniyu Atomnoi Energii SSSR, Serpukhov. Institut Fiziki
Vysokikh Energii). 10 Translated by B. Hodga (CERN), from
report 11 IFE-ORZ-69-76. 20 15p. 21 Dep. NTIS (U. S. Sales only).

22 particle accelerators; translations 27 20G

28 MN-28 29 NP NSA

ORNL-tr-2617) INTRANUCLEAR CASCADE IN THE
CONCRETE SHIELD OF A 70-GeV PROTON SYNCHROTRON.
Britvich, G. I.; Getmanov, V. B.; Lebedev, V. N.; Mal'kov, V. V.;
Sychev, B. S. (Gosudarstvennyi Komitet po Ispol'zovaniyu
Atomnoi Energii SSSR, Serpukhov. Institut Fiziki Vysokikh En-
ergii). Translated for Oak Ridge National Lab., Tenn., from re-
port IFVE-ORZ-71-81. 11p. Dep. NTIS.

particle accelerators; physics (nuclear); radiation shielding and
protection; translations 20G, 20H, 18F

MN-34 P NSA

REVISED CARD

1/1/77 (ORNL-tr-2616) STUDY OF THE NUCLEON-MESON
 CASCADE IN SHIELDING MATERIALS. Endovitskii, V. S.; Kim-
 mel, L. R.; Mochov, N. V.; Britvich, G. I.; Lebedev, V. N. 1
 (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii
 SSSR, Serpukhov. Institut Fiziki Vysokikh Energii). 10Translated
 for Oak Ridge National Lab., Tenn., from report 11IFVE-ORZ-71-
 96. 2019p. 24Dep. NTIS.

26physics (nuclear); physics (particle); translations 2720H

28MN-34 29P NSA

70-13509-20H

Landeberg, L. G.

SOME UNUSUAL PROCESSES IN THE FIELD OF HIGH
ENERGY PHYSICS. USSR. Gosudarstvennyi Komitet po
Ispolzovaniyu Atomnoy Energii. Institut Fiziki Vysokikh
Energii. Report DVE-SEF-68-1-K, 1968.

ANL-TRANS-650.

Order from NTC as 70-13509-20H: HC \$ 6.70, MF \$ 5.80.

Production of Negative Particles by Photons
with Energies of up to 70 GeV, by Yu. B. Gushmin,
13 pp.

RUSSIAN, rpt, Gosudarstvennyi Komitet po
Ispol'zovaniyu Atomnoi Energii, SSSR, Serpukhov,
Institute Fiziki Vysokikh Energii, IFVE-SEP-69-18.
AEC-MQNI-Tr-2266

Sci/Phy
Nov 70

(CERN-Trans-72-9) SELECTION OF ELECTRONS
IN SECONDARY PARTICLE BEAMS OF UP TO 60 GeV/c AND
DETECTION OF ELECTRON SHOWERS. Kachanov, V. A.;
Kut'in, V. M.; Lapshin, V. G.; Rykalin, V. I.; Semenov, V. K.
(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii
SSSR, Serpukhov, Institut Fiziki Vysokikh Energii). Translated
by R. Luther (CERN, Geneva), from report IFVE-SEF-71-89.
18p. Dep. NTIS (U. S. Sales Only).

instrumentation; particle accelerators; physics (particle); transla-
tions 18D, 20G, 20H

MN-34 NP NSA

(SLAC-Trans-150) ELASTIC π^+p , K^+p , AND anti pp
SCATTERING AT 25 AND 40 GeV/c. Antipov, Yu. M.; Busnello,
R.; Weitsch, A.; (and others) (Gosudarstvennyi Komitet po
Ispol'zovaniyu Atomnoi Energii SSSR, Serpukhov. Institut Fiziki
Vysokikh Energii). Translated from report IFVE-SEF-72-26.
12p. Dep. NTIS.

physics (particle); translations 20H

MN-34 P NSA

(CERN-Trans-70-12) SOME RESULTS ON THE COM-
PLEX ADJUSTMENT AND START-UP OF THE IHEP PROTON
SYNCHROTRON. Ado, Yu. M.; Zhuravlev, A. A.; Logunov, A. A.;
(and others) (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi
Energii SSSR, Serpukhov. Institut Fiziki Vysokikh Energii). 10
Translated by A. T. Sanders and Revised by N. Mouravieff (CERN,
Geneva, Switzerland), from report IFVE-SKU-69-88. 2019p. 24
Dop. NTIS (U. S. Sales Only).

particle accelerators; translations 2720G

MN-28 NP NSA

(CERN-Trans-70-10) PRIMING AND MEASUREMENT
OF COHERENT BETATRON OSCILLATION OF A BEAM DURING
THE INITIAL PHASE OF ACCELERATION. Andreichuk, V. N.;
Assev, A. A.; Zaitsev, V. I.; Myae, E. A. (Gosudarstvennyi Ko-
mitet po Ispol'zovaniyu Atomnoi Energii SSSR, Serpukhov. Institut
Fiziki Vysokikh Energii). Translated by M. Besroukoff (CERN,
Geneva, Switzerland), from report IFVE-SKU-70-6. 12p. (In
French). Dep. NTIS (U. S. Sales Only).

particle accelerators; translations 20G

MN-28 NP NSA

4(CERN-Trans-71-3) 5 PHASE MOTION OF THE HIGH
INTENSITY BEAM OF THE STRONG-FOCUSING SERPUKHOV
PROTON SYNCHROTRON. 6 Pashkov, P. T.; Shukeino, I. A.
7 (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii
SSSR, Serpukhov, Institut Fiziki Vysokikh Energii). 10 Translated
by O. Barbalat (CERN, Geneva, Switzerland), from report 11 IFVE-
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26 particle accelerators; translations 27 20G

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28 MN-28 29 NP NSA

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²⁸MN-28 ²⁹NP NSA

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