

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General

Reference	Description
Shell model	
Review:	
1987SC1J	Microscopic nuclear structure theory in large single particle basis systems
1988BR1P	Status of the nuclear shell model
1988RA1G	Clustering phenomena & shell effects in nuclear structure and reactions
1993PI1E	Unified shell-model picture of nuclear deformation
Other articles:	
1987HA16	Test of the fermion dynamical symmetry model microscopy in the sd shell
1987HA41	$SU(3) \times SU(4)$ limit of an isospin invariant fermion dynamical symmetry model
1987HI08	Systematics of total strength & contribution of orbital current for M1 excitations
1987KR08	Discontinuity in ground state band plot of even-even nuclei is traced to p-n interaction
1987LI26	Rotational model and shell model pictures of magnetic dipole excitations
1987MU16	Relativistic effects in the low-energy spectra of 1s0d-shell nuclei
1987SU13	Symplectic model for isoscalar giant resonances & its coupling with cluster basis in $^{20}\text{Ne}$
1988BR11	Semi-empirical effective interactions for the 1s-0d shell
1988CA09	Rotational collectivity in shell model wave functions for $A = 20-28$ nuclei
1988FI01	Effective interactions from sd-shell-model calculations
1988HI05	Effect on Gamow-Teller strength of config. mixing & p-n correlation in e-e sd-shell nucl.
1988MU10	The BAGEL approach in the nuclear shell model
1989CA05	Contracted symplectic model with sd-shell applications
1989ET01	n-p weak coupling: reducing shell-model dimensions by truncations in n & p subspaces
1989OR02	Empirical isospin-nonconserving Hamiltonians for shell-model calculations
1989PO04	Shell-model realization of scissors mode; collect. features described in Elliott's $SU(3)$ limit
1989SA26	Gamow-Teller & M1 strength sums for sd shell nuclei by spectral distribution methods
1989SC14	Variational proced. for struct. calcs., beyond symmetry-projected quasi-particle mean fields
1989ZH05	Evidence for unnatural parity-pairing correlations in some light nuclei
1990BR26	Isospin-forbidden $\beta$ -delayed proton emission
1990DI12	Hybrid treatment of rotational symmetry; calc. low-lying states of $^{20}\text{Ne}$ , $^{21}\text{Ne}$ , $^{28}\text{Si}$
1990GU35	Calc. charge density distrib. using Hartree-Fock method & harmonic oscillator model
1990HA07	Neutrino nucleosynthesis in supernovae: shell model predictions
1990HA38	Resonating group model study of the $^{16}\text{O} + \text{nucleon}$ problem
1990RE06	$1^+$ excitations in light nuclei: $SU(3)$ versus realistic shell model results
1990SK04	$A = 18$ nuclei, effective interaction in the sd shell (also calc. $A = 20$ energy spectra)
1990ZH01	Nuclear structure studies of double Gamow-Teller and double beta decay strength
1991BO45	Democratic mapping used to calc. low-lying states of sd- and fp-shell nuclei
1991DU05	$SU(3)$ Elliott model used to study the thermal description of $^{20}\text{Ne}$ ; e.g. phase transitions
1991MA41	Calculations of sd-shell nuclei with realistic potential models (Bonn, Paris, Argonne)
1992GU02	Effective sd-shell interaction from nuclear multishell configurations
1992HA1N	Cluster-orbital shell model applied to $\alpha$ -cluster formation in $^{20}\text{Ne}$
1992JI04	Bonn potential used to evaluate energy spectra of some light sd-shell nuclei using G-matrix

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Shell model (continued)	
1992JO07	Monte Carlo methods used to calc. the shell model Hamiltonian
1992QU02	Effect of model space size on finite-temperature Hartree-Fock calculations
1992RO08	Electron scattering multipoles for symplectic shell model applications
1992WA22	Effective interactions for the $0p1s0d$ nuclear shell-model space
1993AU01	Correlation between the quenching of total $GT_+$ strength and the increase of E2 strength
1993KU1F	Criteria for distinguishing spherical nuclei; advantages of deformed-shell model
1993LA24	Monte Carlo evaluation of path integrals for the nuclear shell model
1993VO01	Spin-isospin $SU(4)$ symmetry in sd- and fp-shell nuclei
1994CI02	Specific heat and shape transitions in light sd nuclei: finite size vs. phase transition
1994OR02	Application of auxiliary-field Monte Carlo techniques to GDR in hot nuclei
1994VE04	Spectroscopic factors from one-proton stripping reactions on sd-shell nuclei
1994ZH03	Systematic relativistic Hartree-Fock calculation of deformed nuclei in s-d shell
1995BE54	sd-shell study with multiconfiguration mixing approach for large scale nucl. struc. calcs.
1995BU25	Unified treatment of scattering and cluster structure in $\alpha$ +closed shell nuclei: $^{20}\text{Ne}$ & $^{44}\text{Ti}$
1996BE01	Multi-configuration mixing approach with symmetry-projected complex HFB determinants
1996GO38	Calc. low nucl. excitations using method of successive addition of nucleons
1996KA41	Low-lying states in $^{20}\text{Ne}$ studied using isomorphic shell model; $\alpha$ -planar structure
Collective, deformed & rotational models	
Review:	
1987TA1C	Microscopic cluster theory review from conf. on few-body syst. & multiparticle dynamics
Other articles:	
1987HA41	$SU(3) \times SU(4)$ limit of an isospin invariant fermion dynamical symmetry model
1987KR08	Discontinuity in ground state band plot of even-even nuclei is traced to p-n interaction
1987LI26	Rotational model and shell model pictures of magnetic dipole excitations
1987PA29	Relativistic mean-field theory used to describe ground-state deformation of nuclei
1987PR03	Self-consistent Hartree description of deformed nuclei in a relativistic quantum field theory
1987RE04	The generator coordinate method and quantised collective motion in nuclear systems
1987SU13	Symplectic model for isoscalar giant resonances & its coupling with cluster basis in $^{20}\text{Ne}$
1988CA09	Rotational collectivity in shell model wave functions for $A = 20-28$ nuclei
1988JO02	Relativistic DWBA calculations for proton inelastic scattering
1989CA05	Contracted symplectic model with sd-shell applications
1989KO13	A relativistic description of rotating nuclei: the yrast line of $^{20}\text{Ne}$
1989MI18	Evidence for phase transitions in finite systems
1989MI1M	The phase structure of nuclei at low temperatures
1989PO04	Shell-model realization of scissors mode; collect. features described in Elliott's $SU(3)$ limit
1989RI1D	Relativistic mean field theory of nuclear structure
1989RO1G	Broken symplectic dynamical symmetry in the microscopic collective model (A)

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Collective, deformed & rotational models (continued)	
1989TO05	$\alpha$ -decay widths of ground band of $^{20}\text{Ne}$ studied with cluster & deformed models
1990CA07	Momentum distributions in axially symmetric deformed nuclei: the Nilsson model
1990CO04	Effect of the continuum on thermally induced phase transitions in nuclei
1990DI12	Hybrid treatment of rotational symmetry; calc. low-lying states of $^{20}\text{Ne}$ , $^{21}\text{Ne}$ , $^{28}\text{Si}$
1990GA09	Studies of $(e, e'\gamma)$ reactions and electromagnetic currents in rotational nuclei
1990PH01	Inelastic $^{20}\text{Ne}-\bar{p}$ scattering data analyzed for evidence of a real tensor potential
1990YA08	Competition between $\alpha$ clustering and the spin-orbit force in the ground bands of $^{20}\text{Ne}$
1991AM1A	Analysis of inelastic $^{20}\text{Ne}-p$ scattering (exciting gs rot. band) using several models
1992HJ01	Folded-diagram effective interactions with the Bonn meson-exchange potential model
1992RO16	Self-consistent anisotropic oscillator with cranked angular and vortex velocities
1993BY03	Study of the quadrupole resonances in $\alpha$ - $^{16}\text{O}$ scattering
1993SA31	Dynamic microscopic basis for IBM-2; compared with shell model calcs. & exp. data
1994CI02	Specific heat and shape transitions in light sd nuclei: finite size vs. phase transition
1994MI05	Correlated finite temperature mean field approximations
1995SH26	Struct. of hot rotating even-even sd-shell nucl. studied using Landau theory of phase trans.
1996HI12	Triaxial deformation of unstable nuclei in the relativistic mean-field theory
1996KH05	Spontaneous sym. breaking & dissipation of nucl. collect. degrees of freedom at finite temp.
Cluster models	
Reviews:	
1987TA1C	Microscopic cluster theory review from conf. on few-body syst. & multiparticle dynamics
1988RA1G	Clustering phenomena & shell effects in nuclear structure and reactions
1997FR04	Developments in the study of nuclear clustering in light even-even nuclei
Other articles:	
1987DE40	The $\alpha+^{20}\text{Ne}$ cluster structure of $^{24}\text{Mg}$ in a microscopic three-cluster model
1987KA24	Structure of yrast states in $^{20}\text{Ne}$ investigated in the framework of a cluster model
1987SA55	The orthogonality condition model applied to $(\alpha, \alpha)$ scattering on $^{12}\text{C}$ and $^{16}\text{O}$
1987SU13	Symplectic model for isoscalar giant resonances & its coupling with cluster basis in $^{20}\text{Ne}$
1988CS01	Core-plus-alpha-particle states of $^{20}\text{Ne}$ and $^{16}\text{O}$ in terms of vibron models
1988KA1Z	Systematic construction method of multi-cluster Pauli-allowed states
1988LE05	Distribution of alpha-particle strength in light nuclei
1988LE06	Influence of target clustering on exchange effects in internuclear interaction
1989DE32	Distortion effects in a microscopic $^{16}\text{O} + 2\alpha$ and $^{20}\text{Ne} + \alpha$ description of $^{24}\text{Mg}$
1989GA05	Parity-dependent potential for $^{16}\text{O} + ^{20}\text{Ne}$ (linear combination of nuclear orbitals model)
1989RU08	Binding energies & gs band levels of light nuclei in the strictly restricted dynamics model
1989TO05	$\alpha$ -decay widths of ground band of $^{20}\text{Ne}$ studied with cluster & deformed models
1990BA01	$\alpha$ -like part of four-nucleons moving in a single-particle potential of arbitrary shape
1990VA14	Features of $\alpha$ -cluster type nuclei in the framework of the restricted dynamics model

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Cluster models (continued)	
1990YA08	Competition between $\alpha$ clustering and the spin-orbit force in the ground bands of $^{20}\text{Ne}$
1991CS01	Cluster spectroscopic factor in the vibron model
1991OM03	The role of the Pauli principle in the elastic scattering of $\alpha + ^{16}\text{O}$ clusters
1991SZ02	Alpha particles from the reaction $^{12}\text{C} + ^{12}\text{C}$ at 28.7 MeV/nucleon
1991WA11	Composite Particle Representation Theory calcs. for $A = 20$ nuclei compared to shell model
1992AN1F	$\alpha$ -particle momentum distributions in nuclei in the coherent density fluctuations model
1992AR11	$\alpha$ -cluster structure of excited states in light nuclei
1992CS03	The relation between cluster and superdeformed states of light nuclei
1992HA1N	Cluster-orbital shell model applied to $\alpha$ -cluster formation in $^{20}\text{Ne}$
1992KR12	Elimination of Pauli resonances in the generator-coordinate description of scattering
1992ME09	Alpha-chain states in 4N-nuclei from $^{20}\text{Ne}$ to $^{32}\text{S}$
1992ME11	Systematics of alpha-chain states in 4N-nuclei
1993AB02	$\alpha$ - $^{16}\text{O}$ & $\alpha$ - $^{15}\text{N}$ optical potentials in the range between 0 and 150 MeV
1993BY03	Study of the quadrupole resonances in $\alpha$ - $^{16}\text{O}$ scattering
1993CS03	$^{16}\text{O} + \alpha$ cluster states in terms of a $U_q(3)$ anharmonic oscillator model
1993LI25	Alpha-particle elastic scattering on $^{16}\text{O}$ in the four $\alpha$ -particle model
1993RA1G	Shape eigenstates & other one- and two-dimensional $\alpha$ -cluster structures in light nuclei
1993SZ02	Treatment of hot composite systems ( $^{19}\text{F}$ & $^{20}\text{Ne}$ ) as liquid droplets
1993VA07	Relation between phenomenological algebraic cluster model & effective nn forces
1993YA08	Description of $\alpha + ^{16}\text{O}$ elastic scattering by a single-folding potential
1993ZH22	Systematics of 2-dimensional $\alpha$ -cluster configurations in 4N nuclei from $^{12}\text{C}$ to $^{44}\text{Ti}$
1994ME18	Alpha chain states in 4N-nuclei
1994RA03	Geometry and collectivity in the Bloch-Brink $\alpha$ -cluster model
1994TO04	New effective internucleon forces in microscopic $\alpha$ -cluster model
1996HE20	Geometrical interpretation of the semi-microscopic algebraic cluster model
Special states	
Reviews:	
1987SC1J	Large-scale nuclear structure studies
1988RA1G	Clustering phenomena & shell effects in nuclear structure and reactions
1992MA29	High spin spectra in light nuclei in terms of the rotating harmonic oscillator
1993EN03	Strengths of $\gamma$ -ray transitions in $A = 5-44$ nuclei
1987BL18	Gogny's effective inter. used to calc. ground & excited states of specific spin-isospin order
Other articles:	
1987CO31	Simple parametrization for low energy octupole modes of sd-shell nuclei
1987DE40	The $\alpha + ^{20}\text{Ne}$ cluster structure of $^{24}\text{Mg}$ in a microscopic three-cluster model
1987KA24	Structure of yrast states in $^{20}\text{Ne}$ investigated in the framework of a cluster model
1987MU16	Relativistic effects in the low-energy spectra of 1s0d-shell nuclei

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Special States (continued)	
1987PR03	Self-consistent Hartree description of deformed nuclei in a relativistic quantum field theory
1987SU13	Symplectic model for isoscalar giant resonances & its coupling with cluster basis in $^{20}\text{Ne}$
1988BA16	Dynamics of nuclear integral characteristics
1988CA09	Rotational collectivity in shell model wave functions for $A = 20$ –28 nuclei
1988GU12	Electron scattering from $^{20}\text{Ne}$ (and other light nuclei) and transition charge densities
1988KU07	Electron scattering from $^{20}\text{Ne}$ and $^{24}\text{Mg}$ in a microscopic boson model
1988KU17	Microscopic boson descrip. of p-n systems applied to electron scatt. from $^{18}\text{O}$ and $^{20}\text{Ne}$
1988KU22	Microscopic foundation of the interacting boson model in sd-shell nuclei
1988MU10	The BAGEL approach in the nuclear shell model
1988ST04	Spectral distribution calculations of the level density of $^{20}\text{Ne}$
1989DE12	Spectroscopy of $^{20}\text{Ne}$ & $^{24}\text{Mg}$ nuclei in the interacting boson model including g bosons
1989ET01	n-p weak coupling: reducing shell-model dimensions by truncations in the n & p subspaces
1989KO13	A relativistic description of rotating nuclei: the yrast line of $^{20}\text{Ne}$
1989PO04	Shell-model realization of scissors mode; collect. features described in Elliott's SU(3) limit
1989PO05	Isobaric multiplets reconstructed from the equidistance rule for separation & decay energies
1989RO1G	Broken symplectic dynamical symmetry in the microscopic collective model (A)
1989SC14	Extension of the variational mean field procedure for structure calcs.
1989TO05	$\alpha$ -decay widths of ground state band of $^{20}\text{Ne}$ studied with cluster & deformed models
1989ZH05	Evidence for unnatural parity-pairing correlations in some light nuclei
1990AM01	Large basis space effects in electron scattering form factors of $^{12}\text{C}$ , $^{20}\text{Ne}$ , $^{24}\text{Mg}$
1990RE06	$1^+$ excitations in light nuclei: SU(3) versus realistic two-rotor and shell model results
1990SK04	$A = 18$ nuclei, effective interaction in the sd shell (also calc. $A = 20$ energy spectra)
1990YA08	Competition between $\alpha$ clustering and the spin-orbit force in the ground bands of $^{20}\text{Ne}$
1991BA25	Collective $3^-$ and $2^-$ excitations with Skyrme forces
1992CA05	Fragmentation of stretched spin strength in $N=Z$ sd-shell nuclei
1992DE31	Higher order deformations in sd-shell nucl. from CC analysis of inelastic $\vec{p}$ scattering
1992HA18	Coupled-channel description of rotational and vibrational states in $^{20}\text{Ne}$ and $^{22}\text{Ne}$
1993PA25	Shapes of $N=Z$ nucl. studied with axially symmetric deformed relativistic mean-field theory
1993PE18	Nucleon pair structure of realistic many body wave functions
1994HE02	Systematics of rotational isomers & band terminations in the $A = 20$ –26 region
Electromagnetic transitions	
Reviews:	
1989RA16	Predictions of $B(E2; 0_1^+ \rightarrow 2_1^+)$ values for even-even nuclei
1989SP01	Reduced electric-octupole transition probabilities, $B(E3; 0_1^+ - 3_1^-)$ , for even-even nucl.
1993EN03	Strengths of $\gamma$ -ray transitions in $A = 5$ –44 nuclei
Other articles:	
1986SC1E	Large scale calculations of the nuclear spectrum (calc. isoscalar E2 resonance in $^{20}\text{Ne}$ )

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Electromagnetic transitions (continued)	
1987HI08	Systematics of total strength & contribution of orbital vs. spin current for M1 excitations
1987SU13	Symplectic model for isoscalar giant resonances & its coupling with cluster basis in $^{20}\text{Ne}$
1988BA80	Dynamics of integral characteristics of atomic nuclei (M2 resonance calc. for $^{20}\text{Ne}$ )
1989CA05	Contracted symplectic model with ds-shell applications (calc. excit. spectra & E2 strengths)
1989DE12	Spectroscopy of $^{20}\text{Ne}$ & $^{24}\text{Mg}$ nuclei in the interacting boson model including g bosons
1989ET01	n-p weak coupling: reducing shell-model dimensions by truncations in n & p subspaces
1989PO04	Shell-model realization of scissors mode; collect. features described in Elliott's SU(3) limit
1989RO1G	Broken symplectic dynamical symmetry in the microscopic collective model (A)
1989SA26	Gamow-Teller and M1 strength sums for sd-shell nuclei by spectral distribution methods
1989VAZN	E2 transition probabilities in strongly restricted dynamics model
1990GUZV	Calc. charge density distrib., rms radii, moments by Hartree-Fock meth& harm. osc. model
1990RE06	$1^+$ excitations in light nuclei: SU(3) versus realistic two-rotor and shell model results
1992ZA10	Relation between E2 and orbital M1 transition strengths using a $Q \cdot Q$ interaction
1993AU01	Correlation between the quenching of total $GT_+$ strength and the increase of E2 strength
1993RUZX	Electromagnetic properties of light nuclei in the strictly restricted dynamics model
1994STZY	Many-particle approach used to calc. characteristics of giant multipole resonances
1995HA47	Sum rules for $B(M1, 0_1^+ \rightarrow 1_i^+)$ strength derived for even-even nucl. in IBM-3 & IBM-4
1995KA14	Transverse electron scattering form factors; violation of current conservation in nucl. models
1995SH42	Reduced probabilities for $E2$ transitions in deformed nonaxial even-even nuclei
1996TR06	Correl. between quadrupole deformation, $B(E2; 0_1 \rightarrow 2_1)$ value, and total $GT^+$ strength
1997UT01	Distribution of $E2$ excitations in sd-shell nuclei
Astrophysics	
Reviews:	
1986WO1A	Physics of supernova explosions
1987RA1D	Nuclear processes and accelerated particles in solar flares
1988BA86	Solar models, neutrino experiments, and helioseismology
1989AR1R	Supernova 1987A: observations, analysis, implications
1990AR10	Nuclear reactions in astrophysics
1990SC1N	New physics from supernova 1987A
1990SI1D	Spallation processes and nuclear interaction products of cosmic rays
1993HA48	Core-collapse supernovae & other topics that combine nuclear, particle, and astrophysics
1993LE1J	Solar-neutrino problem (A)
1996LA1G	Nucleosynthesis in the Big Bang and in stars
1996RE16	Coulomb dissociation experiments of astrophysical significance
Other articles:	
1987DW1A	Cosmic-ray elemental abundances from 1 to 10 GeV per amu for boron through nickel
1988AP1B	Primordial nucleosynthesis as a probe of cosmological QCD

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Astrophysics (continued)	
1988BU01	Stellar reaction rates of $\alpha$ capture on light ( $N \neq Z$ ) nuclei; astrophysical implications
1988CA26	Reaction rates of astrophysically important thermonuclear reactions involving light nucl.
1988CUZX	Compos. of anomal. cosmic-ray component; implications for local interstellar medium (A)
1988FO1E	Observ. & analysis of 27 April 1981 flare yield info on solar atmosphere elem. abundances
1988MA1U	Late-time neutron diffus. & nucleosynthesis in post-QCD inhomogeneous $\Omega_b = 1$ universe
1988RE1F	Solar neon abundances from gamma-ray spectroscopy and $^3\text{He}$ -rich particle events
1988WO1C	Supernova neutrinos, neutral currents and the origin of fluorine
1989BE2H	The effect of enhanced $\alpha$ -elements in helium-burning population II stars
1989GO1N	Hydrogen burning in the NeNa cycle: $^{23}\text{Na}(p, \alpha)^{20}\text{Ne}$ and $^{23}\text{Na}(p, \gamma)^{24}\text{Mg}$
1989GU28	Thermonuclear breakup reactions of light nuclei, part 1: Processes and effects
1989GU1J	Thermonuclear ... ”, part 2: Gamma-ray line production and other applications
1989GU1Q	Abundance of $^{14}\text{N}$ at the cosmic-ray source obtained using new fragmentation cross sections
1989HE1N	O & Ne abundance in planetary nebulae: implications for stellar nucleosynthesis
1989JI1A	Nucleosynthesis inside thick accretion disks around massive black holes
1989ME1C	Isotope abundances of solar coronal material derived from solar energetic particle meas.
1989SA26	Gamow-Teller & M1 strength sums for sd-shell nuclei by spectral distribution methods
1989TA26	Microscopic calc. of rates of electron captures which induce O + Ne + Mg core collapse
1990BL1K	Slowly accreting neutron stars and the origin of gamma-ray bursts
1990CO1N	Space-based meas. of elemental abundances and their relation to solar abundances
1990HA07	Neutrino nucleosynthesis in supernovae: shell model predictions
1990MU1H	Nuclear line spectroscopy of the 27 April 1981 solar flare
1990SI1A	An explanation for cosmic-ray source abundances including nitrogen
1990TH1C	Explosive nucleosynthesis in SN 1978A: composition, radioactivities & neutron star mass
1990WE14	Total charge and mass changing cross sections of relativistic nuclei in H, He, C targets
1990WE1I	Cosmic-ray source charge & isotopic abund. obtained using new fragmentation X-sects.
1991RA1C	Carbon burning and galactic enrichment in massive stars
1992CA1J	Quasi-static evolution of ONeMg cores, explosive ignition densities & collapse explosion
1993DE32	Microscopic three-cluster study of 21-nucleon systems
1994PA42	Exp. limit on $^{19}\text{Ne}(p, \gamma)^{20}\text{Na}$ resonance strength; implications for stellar H burning
Complex reactions	
1986MA13	Experimental search for nonfusion yield in the heavy residues emitted in $^{11}\text{B} + ^{12}\text{C}$
1987BA1T	Spin-isospin excitations in nuclei with relativistic heavy ions
1987BE58	Target fragmentation at ultrarelativistic energies
1987BO23	Intermediate-mass fragments from nonbinary processes in $^{14}\text{N} + ^{\text{nat}}\text{Ag}$ at $E/A = 35$ MeV
1987BU07	Projectile-like fragments from $^{20}\text{Ne} + ^{197}\text{Au}$ – counting simultaneously emitted neutrons
1987KA46	Measurement of the decay time of excited products of inelastic Ne + Ge interactions
1987LY04	Fragmentation and the emission of particle stable and unstable complex nuclei

Table 20.16 from (1998TI06):  $^{20}\text{Ne}$  – General (continued)

Reference	Description
Complex reactions (continued)	
1987MU03	Study of the emission of clusters by excited compound nuclei
1987SH23	Dissipative phenomena and $\alpha$ -particle emission in $^{16}\text{O} + ^{27}\text{Al}$ between 46 and 85 MeV
1987SO15	Angular momentum dependence of complex fragment emission
1987SU07	Correlated fluctuations in the $^{89}\text{Y}(^{19}\text{F}, x)y$ excitation functions
1987VI14	Mechanisms of momentum and energy transfer in intermediate-energy collisions
1987WA27	Radioactive decay of $^{234}\text{U}$ via Ne and Mg emission
1987YI1A	Research for the deep inelastic collision induced by 93 MeV $^{14}\text{N}$ on $^{\text{nat}}\text{Ca}$ (A)
1988AI03	Quantum molecular dynamics approach to HI collisions compared to fragmentation data
1988CA27	Experimental indications of selective excitations in dissipative heavy ion collisions
1988CE01	Multifragmentation & incomplete fusion in heavy ion collisions; schematic model
1988CH28	Nucleon transfer contribution to absorptive heavy ion potential by Monte Carlo simulation
1988GA31	Formation and decay of hot nuclei
1988MI28	Multifragmentation as a possible signature of liquid-gas phase transitions
1988SM07	Cross section for the $^{12}\text{C}(^{139}\text{La}, X)^{11}\text{C}$ reaction at relativistic energies
1988UT02	Quasi-free stripping reactions studied using extended Serber model
1989BA92	Strangeness production by heavy ions
1989BE17	Fusion of $^{16}\text{O} + ^{40}\text{Ca}$ at $E_{\text{lab}}(^{16}\text{O}) = 13.4$ MeV/nucleon
1989BR35	Fragmentation cross sections of $^{28}\text{Si}$ at 14.5 GeV/nucleon
1989CA15	Fusion and binary reactions in the collision of $^{32}\text{S}$ on $^{26}\text{Mg}$ at $E_{\text{lab}}=163.5$ MeV
1989FI05	Non-eq. vs. equilibrium emission of complex frag.; $^{14}\text{N} + \text{Ag, Au}$ at $E/A = 20\text{--}50$ MeV
1989GH01	Subthreshold $\pi^0$ production in heavy-ion collisions induced by nuclear cooperation
1989HO16	Radioactivities by light fragment (C, Ne, Mg) emission
1989KI13	Fragment production in $^{14}\text{N} + \text{C, Ni, Ho}$ reactions at 35 MeV/nucleon
1989MA45	Target excitation & ang. mom. transfer in $^{28}\text{Si} + ^{181}\text{Ta}$ from multiplicity meas.
1989PA06	Complete & incomplete fusion of 6 MeV/nucleon light heavy ions on $^{51}\text{V}$
1989SA10	Total cross sections of reactions induced by neutron-rich light nuclei
1989YO09	Energy damping feature in light heavy-ion reactions
1989ZHZY	Mass measurement of $Z = 7\text{--}19$ neutron-rich nuclei using the TOFI spectrometer (A)
1990BEYY	Production of neutron-rich He isotopes in the $^9\text{Be} + ^{18}\text{O}$ reaction
1990BL09	Elastic magnetic electron scattering and vacuum polarization
1990BO01	Critical excitation energy in fusion-evaporation reactions
1990BO04	Three paths for intermediate-mass fragment formation from 640 MeV $^{86}\text{Kr} + ^{63}\text{Cu}$
1990BO16	Revising the chart of the nuclides by exotic decay
1990CH09	Coulomb-modified Glauber model description of heavy-ion reaction cross sections
1990FO04	One-nucleon-transfer reactions induced by $^{20}\text{Ne}$ at 500 and 600 MeV
1990GU08	Deviations from pure target fragmentation in $^{16}\text{O}$ induced heavy ion reactions
1990WE14	Total charge & mass changing cross sections of relativistic nuclei in H, He & C targets
1990YE02	Intermediate mass fragment emission in the 161-MeV p + Ag reaction
1991LI33	Subthreshold pion production in nucleus-nucleus collisions; quantum molecular dynamics



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Reference	Description
Muons & neutrinos	
1987HE1D	Nuclear charge radii of stable neon isotopes from muonic atoms
1989AD13	Coherent pion prod. by charged-current interactions of neutrinos & antineutrinos on Ne
1989MA1U	Coherent production of $\pi^+$ mesons in $\nu$ -neon interactions
1989SO1C	Radiative muon capture in light atoms
1990CH13	Muon capture rates in nuclei calculated & compared to experimental values
1990DEZO	Neutral strange particle production in $\nu_\mu$ -Ne interactions (A)
1990HA07	Neutrino nucleosynthesis in supernovae: shell model predictions
1990LAZQ	Proton production in charged-current $\nu_\mu$ -Ne interactions (A)
1992FR01	Nuclear charge radii systematics in the sd shell from muonic atom measurements
1992RO09	Hyperfine interaction of $\mu^-$ & an $e^-$ shell in forming P-odd correlations in $\mu^{20}\text{Ne}$
1995FR22	Nuclear ground state charge radii from electromagnetic interactions
Pions & kaons	
Reviews:	
1988BA82	Production and decay of hypernuclei
1988HA12	Charge exchange reactions and the study of giant resonances
Other articles:	
1987SU20	Neutral pion production cross sections in Ne + NaF collisions from 80 to 219 MeV/nucleon
1988EL06	On the s-wave repulsion of the pion-nuclear interaction
1988FR02	Strong-interaction finite-range effects in light pionic atoms
1988RO19	Photoproduction of $^{20}\text{F}(\Lambda)$ ; analogy to $^{20}\text{Ne}(\Lambda)$ also discussed
1989AD13	Coherent pion prod. by charged-current interactions of neutrinos & antineutrinos on Ne
1989GA09	Pionic distortion factors for radiative pion capture studies
1989GE10	Threshold pion-nucleus amplitudes as predicted by current algebra
1989GH01	Subthreshold $\pi^0$ prod. via $^{16}\text{O}$ and $^{27}\text{Al}$ beams at $E = 38\text{--}200$ MeV/A by nucl. cooperation
1989KA37	Finite-range effects in pionic atoms
1989MA1U	Coherent production of $\pi^+$ mesons in $\nu$ -neon interactions
1989SH40	Subthreshold $\bar{p}$ , $K^-$ , $K^+$ , and energetic-pion production in relativistic nuclear collisions
1989WA14	Mesonic atom production in high-energy nuclear collisions
1989ZU02	Statistical description of multiple production of $\pi$ -mesons in nuclear collisions
1991AM1B	Scaling properties of $\pi^-$ spectra in $\pi^-$ Ne interactions at initial momentum 6.2 GeV/c
1991CI08	Momentum-space method for pionic atoms
1991CI11	Nuclear structure effects in light $\pi$ -mesoatoms
1991GO21	Pionic atoms, the relativistic mean-field theory and the pion-nucleon scattering lengths
1991LI33	Subthreshold pion production in nuclear collisions; quantum molecular dynamics approach
1992KI31	Multiplicities of secondary particles in inelastic $\pi^- + \text{Ne}$ at initial momentum 6.2 GeV/c
1993PE09	Isospin symmetry in nuclear transitions from pion scattering
1995KI14	Multiplicity of secondary particles in $\pi$ -Ne interactions with strange particles in final state