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Publication Date

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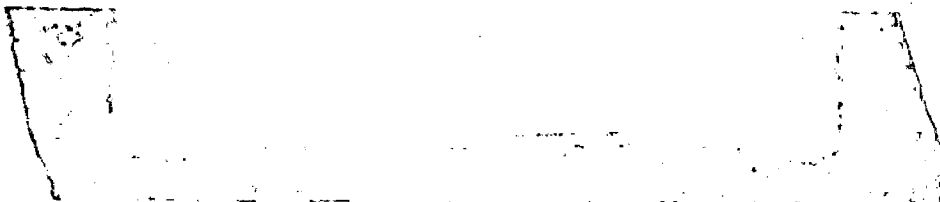
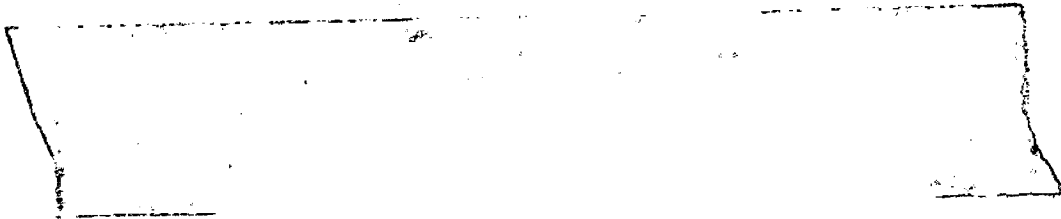
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UCRL-8116
Administrative-General
M-3679 (20th Ed., Rev. 1)

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Berkeley, California

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UCRL-3959 Abstract	Reactions Induced in U ²³⁸ with Helium Ions	J. A. Coleman T. D. Thomas G. T. Seaborg	10-14-57	None
UCRL-3960 Abstract	The Decay of Neptunium-238	R. G. Albridge J. M. Hollander	10-14-57	None
UCRL-3961 Abstract	Cross Section Studies of the α , pn Reaction	R. J. Silva B. G. Harvey W. H. Wade	10-14-57	None
UCRL-3962 Abstract	Nuclear Reaction Mechanisms in the Heavy Element Region from Angular Distributions of Heavy Recoils	P. F. Donovan B. G. Harvey W. H. Wade	10-14-57	None

UCRL-3963 Abstract	Energy of the Isomeric State U^{235m}	M. C. Michel F. Asaro I. Perlman	10-14-57	None
UCRL-3964 Abstract	Electric Monopole Transitions in Pu^{238} and U^{234}	I. Perlman F. Asaro B. G. Harvey F. S. Stephens, Jr.	10-14-57	None
UCRL-3965 Abstract	Electron-Capture Decay of Ac^{224}	M. W. Hill F. S. Stephens, Jr. F. Asaro I. Perlman	10-14-57	None
UCRL-3966 Abstract	The Reactions of 5.7 Bev Protons with Copper Targets	D. W. Barr E. K. Hyde	10-14-57	None
UCRL-3967 Abstract	Alpha and Gamma Spectra of U^{235}	R. C. Pilger F. S. Stephens, Jr. F. Asaro I. Perlman	10-14-57	None
UCRL-3968 Abstract	Polarization of Muons in K^+ -Meson Decay	C. A. Coombes B. Cork W. Galbraith G. R. Lambertson W. A. Wenzel	10-17-57	None
UCRL-3969 Abstract	Evidence for Excited-Nucleon Model of Pion Production in n-p Collisions at Bevatron Energies	F. N. Holmquist W. B. Fowler W. M. Powell	10-17-57	None
UCRL-3970 Abstract	Reactions of U^{238} with C^{12} Ions	T. Sikkeland A. Ghiorso S. G. Thompson	10-13-57	None
UCRL-3971 Abstract	The 184-Inch Cyclotron Beam-Extraction System	W. F. Stubbins E. L. Kelly J. T. Vale K. M. Crowe	10-14-57	None

UCRL-3972 Abstract	Decay Scheme of Cf ²⁴⁹	F. S. Stephens, Jr. F. Asaro S. G. Thompson I. Perlman	10-16-57	None
UCRL-3973 Abstract	Alpha and Gamma Spectra of Cm ²⁴³	F. Asaro S. G. Thompson F. S. Stephens, Jr. I. Perlman	10-16-57	None
UCRL-3974 Abstract	New Upper Limit for the Magnetic Moment of Gallium-66	J. L. Worcester W. A. Nierenberg R. Marrus J. C. Hubbs	10-17-57	None
UCRL-3975 Abstract	Differential Cross Sections for Li ⁶ (d, p)Li ⁷ and C ¹² (d, p)C ¹³	H. E. Conzett D. G. Hoffman	10-17-57	None
UCRL-3976 Abstract	The Nuclear Moments of Bromine-82	T. M. Green H. L. Garvin E. Lipworth W. A. Nierenberg	10-24-57	None
UCRL-3977 Abstract	Spin of Iodine-124	H. L. Garvin T. M. Green E. Lipworth	10-23-57	None
UCRL-3978 Abstract	Nuclear Spins of Au ¹⁹¹ , Au ¹⁹² , and Au ¹⁹³	W. B. Ewbank L. L. Marino H. A. Shugart H. B. Silsbee	11-6-57	None
UCRL-3979 Abstract	Nuclear Spin of Bi ²⁰⁶	L. L. Marino W. B. Ewbank W. A. Nierenberg H. A. Shugart H. B. Silsbee	11-8-57	None

UCRL-8000	Millimicrosecond Coincidence Circuit for High Speed Counting	W. A. Wenzel	11-21-57	Particle Accelerators & High-Voltage Machines, OTS sale
UCRL-8003	The Polarization of μ^+ Mesons from the Decay of K^+ Mesons	C. A. Coombes B. Cork W. Galbraith G. R. Lambertson W. A. Wenzel	10-11-57	Phys. Rev.
UCRL-8004	A Note on Parabolic Interpolation	M. D. Davis	10-31-57	Math. Tables & Other Aids to Computation
UCRL-8005	Angular Correlations in the Production and Decay of Spin-3/2 Hyperons	R. Spitzer H. P. Stapp	11-4-57	Physics, OTS sale
UCRL-8006	A Measurement of the Spin-Flip Probability in Negative Photopion Production from Deuterium	K. C. Bandtel W. J. Frank R. Madey	11-22-57	Phys. Rev.
UCRL-8008	Detection of Parity Nonconservation in Λ Decay	F. S. Crawford, Jr. M. Cresti M. L. Good K. Gottstein E. M. Lyman F. T. Solmitz M. L. Stevenson H. K. Ticho	10-11-57	Phys. Rev.
UCRL-8009	Test of Charge-Conjugation Invariance in Hyperon Decay	R. Gatto	10-14-57	Phys. Rev.
UCRL-8012	Nuclear Spin of Gallium-68	J. C. Hubbs R. Marrus J. L. Worcester	11-22-57	Phys. Rev.

UCRL-8013 Abstract	Spectrochemical Determination of Strontium to Calcium Ratios in Food, Milk, Cream, Blood, Feces, and Urine of Cows	G. V. Shalimoff J. G. Conway A. E. Pitzer	10-17-57	None
UCRL-8014 Abstract	Air Cleaning Experiences with I^{131} in the Gas Phase I. I^{131} from Animal Experimentation	M. D. Thaxter J. Peck	10-24-57	None
UCRL-8015	Nuclear Thermodynamics of the Heaviest Elements. II.	B. M. Foreman, Jr. G. T. Seaborg	11-13-57	J. Inorg. and Nuc. Chem.
UCRL-8018	Electron-Capture Decay of Gadolinium-151	V. S. Shirley J. O. Rasmussen	11-19-57	Phys. Rev.
UCRL-8020	Nuclear Reactions of Uranium Induced by 5.7-Bev Protons; Radiochemical Yields of Light Elements	C. L. Carnahan	12-6-57	Thesis, Chemistry--Radiation & Radiochemistry
UCRL-8023	The Effect of Nitric Oxide on the Radiosensitivity of Bacteria	P. Howard-Flanders	12-18-57	Biology & Medicine, Nature
UCRL-8025	Antineutron Production by Charge Exchange	R. C. Weingart	11-6-57	Thesis
UCRL-8026	The Induction of Tumors in the Rat by Astatine-211	P. W. Durbin C. W. Asling M. E. Johnston M. W. Parrott N. Jeung M. H. Williams J. G. Hamilton	12-13-57	Rad. Res.
UCRL-8034	The Decay of Neptunium-238	R. G. Albridge J. M. Hollander	12-13-57	Phys. Rev.
UCRL-8035 Abstract	Search for Charge Exchange of K Mesons	R. W. Lanou R. W. Birge H. W. Courant M. N. Whitehead	11-13-57	None

UCRL-8036 Abstract	Charge Exchange of Positive K Mesons	M. N. Whitehead R. W. Birge W. B. Fowler R. E. Lanou W. M. Powell	11-13-57 ,	None
UCRL-8037 Abstract	Thirty-Inch Propane Bubble Chamber	W. M. Powell W. B. Fowler L. Oswald	11-13-57	None
UCRL-8038 Abstract	Σ^+ Production by θ^0 Mesons	M. Cresti F. S. Crawford, Jr. M. L. Good K. Gottstein E. M. Lyman F. T. Solmitz M. L. Stevenson H. K. Ticho	11-13-57	None
UCRL-8039 Abstract	Photomeson Production from Hydrogen and Deuterium	J. L. Uretsky	11-13-57	None
UCRL-8041 Abstract	Associated Production Cross Sections at 1.1 Bev/c	F. S. Crawford, Jr. M. Cresti M. L. Good K. Gottstein E. M. Lyman F. T. Solmitz M. L. Stevenson H. K. Ticho	11-13-57	None
UCRL-8043 Abstract	Symmetry Principle for the Four-Fermion Interaction	S. A. Bludman	11-13-57	None
UCRL-8047	Some Considerations on the Probability of Nuclear Fission	R. Vandebosch G. T. Seaborg	12-4-57	Phys. Rev.

UCRL-8051	A Stable Multichannel Positive Pion Detector	W. Imhof R. Kalibjian V. Perez-Mendez	12-11-57	Rev. Sci. Instr.
UCRL-8052	The Lipid Constituents of Influenza Virus, Chick Allantoic Membrane, and Sedimentable Allantoic Protein	L. H. Frommhagen N. K. Freeman C. A. Knight	12-13-57	Virology
UCRL-8057 Abstract	Fission-Spallation Competition in the Trans- uranium Elements	G. T. Seaborg	12-18-57	None
UCRL-8058 Abstract	Transcalifornium Elements	G. T. Seaborg	12-18-57	None
UCRL-8063 Abstract	Berkelium and Californium	B. B. Cunningham	12-18-57	None