Ronald Schwengner
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190. Low-lying dipole response of ^{64}Ni
M. Müscher, E. Litvinova, R. Schwengner, T. Beck, D. Bemmerer, F. Fiedler, S. W. Finch, S. Hammer, J. Isaak, R.V.F. Janssens, A.R. Junghans, N. Kelly, F. Kluwig, Krishichayan, S.E. Müller, K. Römer, D. Savran, M. Scheck, T. Schüttler, J. Sinclair, T. Szücs, W. Tornow, A. Wagner, J. Wilhelmy, A. Zilges
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189. Measurement of the flux-weighted cross-sections for the $^{\rm nat}$Yb(γ,xn)^{175,169,167}Yb reactions in the Bremsstrahlung end-point energies of 12 – 16 MeV and 60 – 70 MeV
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R. Schwengner
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S. Skoda, B. Fiedler, F. Becker, J. Eberth, S. Freund, T. Steinhardt, O. Stuch, O. Thelen, H.G. Thomas, L. Käubler, J. Reif, H. Schnare, R. Schwengner, T. Servene, G. Winter, V. Fischer, A. Jungclaus, D. Kast, K.P. Lieb, C. Teich, C. Ender, T. Ḧartlein, F. Köck, D. Schwalm, P. Baumann
Contribution to the Conference Nuclear Structure '98, Gatlinburg, p. 123 (1998).

11. Magnetic Dipole Bands in ^{82}Rb, ^{83}Rb and ^{84}Rb
R. Schwengner, H. Schnare, S. Frauendorf, F. Dönau, L. Käubler, H. Prade, E. Grosse, A. Jungclaus, K.P. Lieb, C. Lingk, S. Skoda, J. Eberth, G. de Angelis, A. Gadea, E. Farnea, D.R. Napoli, C.A. Ur, G. Lo Bianco
Proceedings of the Conference "ENAM98" on Exotic Nuclei and Atomic Masses, Bellaire, Michigan, June 23 - 27, 1998
AIP Conference Proceedings 455, 594 (1998).

10. Development of segmented Ge detectors for future γ-ray arrays
J. Eberth, H.G. Thomas, D. Weißhaar, F. Becker, B. Fiedler, S. Skoda, P. von Brentano, C. Gund, L. Palafox, P. Reiter, D. Schwalm, D. Habs, T. Servene, R. Schwengner, H. Schnare, W. Schulze, H. Prade, G. Winter, A. Jungclaus, C. Lingk, C. Teich, K.P. Lieb
Proceedings of 4̈ π High Resolution Gamma Ray Spectroscopy and Nuclear Structure, Erice, 16.9. - 24.9. 1996
Progress in Particle and Nuclear Physics 38, 29 (1997).

9. Dipole excitations in ^{122}Te, ^{126}Te and ^{130}Te
   R. Schwengner, W. Schauer, G. Winter, P. von Brentano, J. Eberth, J. Enders, T. von Egidy, M. Grinberg, R.-D. Herzberg, N. Huxel, L. Käubler, P. von Neumann-Cosel, N. Nicolay, J. Ott, N. Pietralla, H. Prade, S. Raman, J. Reif, A. Richter, C. Schlegel, H. Schnare, T. Servene, S. Skoda, C. Stoyanov, H.G. Thomas, I. Wiedenhöver, A. Zilges
   Zeitschrift für Physik A 358, 197 (1997).

8. Neutron-core excitations in $^{86}_{36}\mathrm{Kr}_{50}$
   J. Reif, G. Winter, R. Schwengner, H. Prade, H. Grawe, R. Schubart
   Physica Scripta T 56, 303 (1995).

7. In-beam study of ^{109}Sn
   L. Käubler, H. Prade, J. Reif, R. Schwengner, G. Winter, H. Grawe, J. Heese, H. Kluge, K.-H. Maier, R. Schubart, K.-M. Spohr
   Physica Scripta T 56, 266 (1995).

6. Shell-model states and collectivity in $^{83}\mathrm{Br}_{48}$ and $^{85}\mathrm{Rb}_{48}$
   R. Schwengner, G. Winter, J. Reif, H. Prade, L. Käubler, R. Wirowski, N. Nicolay, S. Albers, S. Eßer, P. von Brentano, W. Andrejtscheff
   Physica Scripta T 56, 126 (1995).

5. 1QP and 3QP bands in ^{77}Br
   J. Döring, L. Funke, R. Schwengner, G. Winter
   Proceedings of the Conference on Nuclear Structure of the Nineties, Oak Ridge, Tennessee, 1990, Vol. 1, p. 84 (1990).

4. Measurements of lifetimes of ^{79}Se levels by the DSA method
   M.F. Kudoyarov, E.V. Kuzmin, A.A. Pasternak, L. Funke, J. Döring, R. Schwengner, G. Winter
   Program and Theses, Proc. 38th Ann. Conf. Nucl. Spectrosc. Struct. At. Nuclei, Baku, UdSSR, 12.4. - 14.4. 1988, p. 65 (1988).

3. Measurements of ^{79}Se level lifetimes
   M.F. Kudoyarov, E.V. Kuzmin, A.A. Pasternak, L. Funke, J. Döring, R. Schwengner, G. Winter
   Program and Theses, Proc. 38th Ann. Conf. Nucl. Spectrosc. Struct. At. Nuclei, Baku, UdSSR, 12.4. - 14.4. 1988, p. 64 (1988).

2. Konferenz für Spektroskopie und Struktur des Atomkerns
   Charkov, UdSSR, 15.4. - 18.4. 1986, 1 Beitrag

1. In-beam study of ^{78}Se
   R. Schwengner, E. Will, J. Döring, L. Funke, P. Kemnitz, G. Winter, A.E. Sobov, M.F. Kudojarov, I.Kh. Lemberg, A.S. Mishin, A.A. Pasternak,

L.A. Rassadin, I.N. Chugunov
International Symposium on In-Beam Nuclear Spectroscopy, Debrecen, Ungarn, 14.5. - 18.5. 1984, ATOMKI Kozlem. 26, 10 (1984).

TALKS:

81. Evolution of low-lying M1 modes in germanium isotopes
    Invited talk at the Seventeenth International Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Grenoble, France, 17.7. - 21.7. 2023.

80. Development of E1 and M1 strengths in ^{54}Fe and ^{66}Zn
    Invited talk at the 7th Workshop on Nuclear Level Density and Gamma Strength, Oslo, Norway, 27.05. - 31.05. 2019.

79. Assessment of experimental gamma-ray strength functions
    Invited talk at the 3. Research Coordination Meeting on Udating Photonuclear Data Library and Generating a Reference Database for Photon Strength Functions, IAEA Headquarters, Vienna, Austria, 17.12. - 21.12. 2018.

78. New Phenomena in Gamma-Ray Strength Functions
    Invited talk at the Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Bochum, 26.02. - 02.03. 2018.

77. Evaluation of gamma-ray strength functions
    Invited talk at the 2. Research Coordination Meeting on Udating Photonuclear Data Library and Generating a Reference Database for Photon Strength Functions, IAEA Headquarters, Vienna, Austria, 16.10. - 20.10. 2017.

76. E1 and M1 excitations in ^{54}Fe and low-energy M1 strength in open-shell Fe isotopes
    Invited talk at the 6th Workshop on Level Density and Gamma Strength, Oslo, Norway, 8.5. - 12.5. 2017.

75. E1 and M1 strength functions at low energy
    Invited talk at the International Conference on Nuclear Data for Science and Technology (ND2016), Brugge, Belgium, 11.9. - 16.9. 2016

74. Low-energy M1 strength from shell-model calculations
    Invited talk at the Workshop on Statistical properties of nuclei, ECT* Trento, Italy, 11.7. - 15.7. 2016.

73. Gamma-ray strength functions at low energy
    Invited talk at the 1. Research Coordination Meeting on Udating Photonuclear Data Library and Generating a Reference Database for Photon Strength Functions, IAEA Headquarters, Vienna, Austria, 4.4. - 8.4. 2016.

72. Low-energy M1 strength in deformed nuclei
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Darmstadt, 14.3. - 18.3. 2016.

71. Photon strength functions from photon scattering
    Invited talk at the Annual Fall Meeting of the APS Division of Nuclear Physics, Santa Fe, New Mexico, USA, 28.10. - 31.10. 2015

70. Gamma-ray strength functions in ^{74}Ge
    Invited talk at the 5th Workshop on Level Density and Gamma Strength, Oslo, Norway, 18.5. - 22.05. 2015.

69. Low-energy enhancement of M1 strength
    Invited talk at the 11th International Spring Seminar on Nuclear Physics, Ischia, 12.5. - 16.5. 2014.

68. Low-energy enhancement of M1 strength
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Frankfurt, 2014.

67. Electromagnetic strength functions
    Invited talk at the 45. Arbeitstreffen Kernphysik, Schleching, Februar 2014.

66. Low-lying M1 strength within the shell model
    Invited talk at the 4th Workshop on Level Density and Gamma Strength, Oslo, Norway, 23.5. - 27.05. 2013.

65. Pygmy dipole strength in ^{86}Kr and systematics of N=50 isotones
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Dresden, 2013.

64. Dipole strength on the tail of the giant dipole resonance
    Invited talk at the VIII. Tours Symposium on Nuclear Physics and Astrophysics, Black Forest, 2.9. - 7.9. 2012.

63. Dipole strength on the tail of the giant dipole resonance
    Invited talk at the workshop on The nuclear dipole polarizability and its impact on nuclear structure and astrophysics, ECT* Trento, Italy, 18.6. - 22.6. 2012.

62. Inelastic scattering of fast neutrons from excited states in ^{56}Fe
    Seminar at IRMM Geel, Belgium, 14.3. 2012.

61. Study of dipole strength distributions in photon-scattering experiments
    Invited talk at the Workshop on Statistical Gamma Rays, Oslo, 6.2. 2012.

60. Experiments with neutrons and photons at ELBE
    Invited talk at the Fourteenth International Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Guelph, Canada, 28.08. - 02.09. 2011.

59. Enhanced dipole strength and its consequences for reaction rates
    Invited talk at the 3rd Workshop on Level Density and Gamma Strength, Oslo, Norway, 23.5. - 27.05. 2011

58. Study of dipole strength distributions at the ELBE accelerator
    Invited talk at the Workshop on N-N interaction and the Nuclear Many-Body Problem, Mumbai, India, 18. - 27.11. 2010.

57. Study of dipole strength distributions at the ELBE accelerator
    Invited seminar talk at Institut für Kernphysik, TU Darmstadt, Darmstadt, 11.05. 2010.

56. Enhancement of dipole strength below the neutron-separation energy in ^{139}La
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Bonn, 15.3. - 19.3. 2010.

55. Enhanced dipole strength below particle threshold
    2nd Workshop on Level Density and Gamma Strength, Oslo, 11.5. - 15.5. 2009.

54. Systematics of electric dipole strength in the stable even-mass Mo isotopes
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Bochum, 16.3. - 20.3. 2009.

53. Experiments on nuclear rotation
    Institutsseminar des Instituts für Strahlenphysik
    Forschungszentrum Dresden-Rossendorf, 20.8. 2008.

52. Gamma-ray strength-function measurements at ELBE
    Invited talk at the Workshop on Statistical Nuclear Physics and Applications in Astrophysics and Technology
    Athens, Ohio, 8.7. - 11.7. 2008.

51. Dipole strength in ^{89}Y and ^{90}Zr up to the neutron-separation energy
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Darmstadt, 10.3. - 14.3. 2008.

50. Strength-function measurements
    Invited talk at the Workshop on Modern Methods Using Fast Neutrons for Research Related to the Transmutation of Nuclear Waste
    Forschungszentrum Dresden-Rossendorf, 13.2. - 15.2. 2008.

49. Dipole-strength functions studied in photon-scattering experiments at ELBE
    Invited seminar talk at the Triangle Universities Nuclear Laboratory, Durham, North Carolina, 15.1. 2008.

48. Dipole strength in N=50 nuclei studied in photon-scattering experiments at ELBE
    Invited talk at the Workshop on Photon Strength Functions and Related Topics
    Prague, 17.6. - 20.6. 2007.

47. Dipole-strength distributions up to the Giant Dipole Resonance deduced from photon scattering
    Invited talk at the 9th International Spring Seminar on Nuclear Physics - Changing Facets of Nuclear Structure -
    Vico Equense, 20.5. - 24.5. 2007.

46. Dipole response of ^{88}Sr up to the neutron-separation energy
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Gießen, 12.3. - 16.3. 2007.

45. Quadrupole moment of the 8^+ yrast state in ^{84}Kr
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Gießen, 12.3. - 16.3. 2007.

44. Photon-scattering and photoactivation experiments at the electron accelerator ELBE
    Invited seminar talk at the Departamento de Fisica Teorica
    Universidad Autonoma de Madrid, Madrid, 6.11. 2006.

43. Photon-scattering and photoactivation experiments at the electron accelerator ELBE
    Invited talk at the Workshop AP.G.RA.D(E) 2006, Applications of Gamma-Ray Diffraction
    Institut Laue-Langevin, Grenoble, 26.10. - 28.10. 2006.

42. Dipole-strength distributions up to the particle-separation energies and photodissociation of Mo isotopes
    Second International Conference on Collective Motion in Nuclei Under Extreme Conditions (COMEX2)
    Sankt Goar, 20.6. - 23.6. 2006.

41. Electromagnetic excitations in nuclei: from photon scattering to photodisintegration
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    München, 20.3. - 24.3. 2006.

40. Nuclear-structure and nuclear-astrophysics experiments at the superconducting electron accelerator ELBE
    Invited Lecture at the XVI International School on Nuclear Physics, Neutron Physics and Nuclear Energy
    Varna, Bulgaria, 19.9. - 26.9. 2005.

39. The decay of 1^+ states as a new probe of the structure of 0^+ shape isomers
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Berlin, 4.3. - 9.3. 2005.

38. Der Bremsstrahlungs-Messplatz am ELBE-Beschleuniger des FZ Rossendorf (Poster)
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Tübingen, 17.3. - 21.3. 2003.

37. Stand der Vorbereitung kernphysikalischer Experimente an ELBE
    Tagung des ELBE Machine Advisory Committee
    FZ Rossendorf, 25.3. 2002.

36. Magnetic and collective rotation in ^{79}Br
    Nuclear Physics Spring Meeting
    Münster, 11. - 15.3. 2002.

35. Kernphysikalische Experimente mit Bremsstrahlung an ELBE
    Tagung des ELBE Machine Advisory Committee
    FZ Rossendorf, 23.3. 2001.

34. Transition strengths in magnetic dipole bands in ^{82}Rb, ^{83}Rb and ^{84}Rb
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Erlangen, 19. - 23.3. 2001.

33. Transition strengths in magnetic dipole bands in ^{82}Rb, ^{83}Rb and ^{84}Rb (Poster)
    NP2001 - International symposium on Nuclear Structure Physics
    Goettingen, 5.3. - 8.3. 2001.

32. Kernstrukturexperimente mit Bremsstrahlung
    ELBE Seminar
    FZ Rossendorf, 9.11. 2000.

31. Nachweis von Radioaktivität
    Lehrerfortbildung 2000 im FZR
    FZ Rossendorf, 17.8. 2000.

30. Der Elektronenbeschleuniger ELBE und seine Möglichkeiten für Experimente mit Infrarot-Laserlicht, Röntgen- und Bremsstrahlung
    Eingeladener Seminarvortrag, Fakultät Physik der Universität Stuttgart, 29.6. 2000.

29. Signature inversion caused by triaxiality in ^{72}Br and band termination in ^{73}Br
    Invited talk at the International conference Bologna 2000 - Structure of the Nucleus at the Dawn of the Century
    Bologna, Italy, 29.5. - 3.6. 2000.

28. Signature inversion in ^{72}Br
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Dresden, 20.3. - 24.3. 2000.

27. Experimentelle Untersuchung von Teilchenanregungen und Rotationsmoden in mittelschweren Kernen
    Eingeladener Seminarvortrag, Fachbereich Strahlenschutzphysik der Technischen Universität Dresden
    Dresden, 25.11. 1999.

26. Nuclear Resonance Fluorescence Experiments at ELBE
    Invited Talk at the WOG99 Workshop on Spin and Isospin Excitations in Nuclei
    Gent, Belgium, 15.11. - 16.11. 1999

25. Nuclear Resonance Fluorescence Experiments at the Accelerator ELBE
    Invited Talk at the XIII International School on Nuclear Physics, Neutron Physics and Nuclear Energy
    Varna, Bulgaria, 27.9. - 3.10. 1999.

24. Particle excitations and rotational modes in nuclei with $A = 70$ - 90
    Invited Lecture at the XIII International School on Nuclear Physics, Neutron Physics and Nuclear Energy
    Varna, Bulgaria, 27.9. - 3.10. 1999.

23. Stand der Arbeiten am Gepulsten Injektor - Planungen für den Kernphysik-Meßplatz
    ELBE Seminar
    FZ Rossendorf, 7.7. 1999.

22. Shell-model states in the $N = 48$ nuclei ^{83}Br, ^{85}Rb and ^{87}Y (Poster)
    Fifty Years Nuclear Shell Model, International conference
    Heidelberg, 3.6. - 5.6. 1999.

21. Future projects of the Nuclear Structure Group at FZR
    Workshop on Medium-Mass Nuclei
    FZ Rossendorf, 26.2. 1999.

20. Das Zyklotron U-120 - langjährige Basis der Rossendorfer Kernstrukturforschung
    Kolloquium 40 Jahre Rossendorfer Zyklotron U-120
    FZ Rossendorf, 18.9. 1998.

19. Magnetic Rotation in the Mass 80 Region
    Special Physics Division Seminar
    Argonne National Laboratory, Argonne, Illinois, USA, 7.7. 1998.

18. M1 bands in heavy Rb isotopes
    Invited Talk at the Workshop on Applications of High-Precision γ-Spectroscopy
    University of Notre Dame, Notre Dame, Indiana, USA, 1.7. - 3.7. 1998.

17. Magnetic Dipole Bands in ^{82}Rb, ^{83}Rb and ^{84}Rb (Poster)
    2nd International Conference on Exotic Nuclei and Atomic Masses
    Bellaire, Michigan, USA, 23.6. - 27.6. 1998.

16. Magnetic dipole bands in $\mathbf{^{82}}$Rb, $\mathbf{^{83}}$Rb and $\mathbf{^{84}}$Rb
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Bochum, 16.2. - 20.2. 1998.

15. Hochspinzustände im $N = 48$ Kern ^{87}Y
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Göttingen, 24.2. - 28.2. 1997.

14. Kernstruktur-Untersuchungen am Beschleuniger ELBE
    Zentrumsseminar des Forschungszentrums Rossendorf, 20.2. 1997

13. Dipole excitations in ^{122}Te, ^{126}Te und ^{130}Te - Nuclear resonance fluorescence experiments at the S-DALINAC with one EUROBALL CLUSTER detector -
    International conference on nuclear structure around the turn of the century
    Kreta, 30.6. - 6.7. 1996.

12. Dipolanregungen in ^{122}Te, ^{126}Te und ^{130}Te
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Stuttgart, 25. - 29.3. 1996.

11. Magnetische Rotation in Kernen um $A = 80$
    Frühjahrstagung der Deutschen Physikalischen Gesellschaft
    Stuttgart, 25. - 29.3. 1996.

10. Experiments with EUROBALL CLUSTER Detectors
    Spring Meeting of the Institute of Nuclear and Hadronic Physics
    Holzhau, 18.-22.3. 1996.

9. Shell-Model States and Collectivity in $^{83}Br_{48}$ and $^{85}Rb_{48}$
   Symposium on New Nuclear Structure Phenomena in the Vicinity of Closed Shells
   Stockholm - Uppsala, Schweden, 30.8. - 4.9. 1994.

8. Particle and Collective Excitations in Nuclei with 48, 49 or 50 Neutrons
   Frühjahrstagung der Deutschen Physikalischen Gesellschaft
   München, 21.-25.3. 1994.

7. High-Spin States built on the $17/2^+$ Isomer in ^{85}Kr
   Frühjahrstagung der Deutschen Physikalischen Gesellschaft
   Mainz, 22.-26.3. 1993.

6. Channel Selection with Si Detectors
   EUROBALL Meeting on Auxiliary Detectors and Selective Devices,
   Hahn-Meitner-Institut, Berlin, 1.-3.6. 1992

5. In-Beam Study of ^{83}Br
   Frühjahrstagung der Deutschen Physikalischen Gesellschaft
   Salzburg, Österreich, 24.-28.2. 1992.

4. Shape Evolution in Odd-Mass Kr and Br Nuclei
   Seminar im Institut für Kernphysik der Universität zu Köln, 17.4. 1991.

3. Kernspektroskopische Untersuchungen von Übergangskernen ($A \approx 80$)
   Sonderseminar in der Gesellschaft für Schwerionenforschung,
   Darmstadt, 18.5. 1990.

2. Quasiparticle Excitations in Odd-Mass Kr Nuclei
   Frühjahrstagung der Deutschen Physikalischen Gesellschaft
   Strasbourg, Frankreich, 26.-30.3. 1990.

1. High-Spin States in ^{79}Br
   Konferenz für Kernspektroskopie und Struktur des Atomkerns
   Riga, UdSSR, 14.-17.4. 1987.