

CURRICULUM VITAE

ROSA VLASTOU

Professor

National Technical University of Athens (NTUA)

1. PERSONAL DATA

FAMILY NAME : **VLASTOU**
FIRST NAME : **ROSA**
PLACE OF BIRTH : **Athens**
DATE OF BIRTH : **13 January 1951**
FAMILY STATUS : **Married - Two children**
WORK ADDRESS : **Department of Physics, N.T.U.A., Zografou Campus,
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2. EDUCATION AND PROFESSIONAL EXPERIENCE

- 2.1 Professor - NTUA-Department of Physics (July 2007-today)
- 2.2 Associate Professor - NTUA-Department of Physics (June 1997-July 2007)
- 2.3 Assistant Professor - NTUA-Department of Physics (November 1988-June 1997)
- 2.4 Lecturer - NTUA-Department of Physics (July 1982-November 1988)
- 2.5 Research Assistant – NTUA-Department of Physics (March 1980-July 1982)
- 2.6 Ph.D in Nuclear Physics, Department of Physics, University of Birmingham, UK. July 1978 (Greek State Scholarship).
- 2.7 Master of Science by Research, Department of Physics, University of Birmingham, UK– June 1976 (Greek State Scholarship).
- 2.8 Bachelor, Department of Physics, University of Athens, March 1973

3. RESEARCH INTERESTS

- 3.1 Light ion reactions with polarizes beams (1974-1987)
- 3.2 Heavy ion reactions (1980-1993)
- 3.3 High spin gamma-ray spectroscopy (1988-1997)
- 3.4 Applications : Materials analysis with nuclear reaction techniques (1996-2006)
- 3.5 Applications: Radioactivity in the marine environment (2006- today)]
- 3.6 Neutron induced reactions (2003-today)
- 3.7 Deuteron induced reactions in light elements relevant to material analysis (2006-today)

4. THESIS SUPERVISION

- 4.1 7 PhD theses completed and 3 in progress
- 4.2 3 MSc theses completed and 3 in progress
- 4.3 35 Diploma theses completed and 2 in progress

5. TEACHING EXPERIENCE

5.1 Undergraduate Courses at the National Technical University of Athens for 30 years for the Departments of Physics, Electrical, Mechanical and Chemical Engineering on :

- Mechanics and Relativity
- Oscillations and Waves
- Optics
- Nuclear Physics and Applications

5.2 Lab Courses at the National Technical University of Athens for 30 years for the Departments of Physics, Electrical, Mechanical and Chemical Engineering on :

- Physics I and II (Mechanics and Electromagnetism)
- Modern Physics
- Optics
- Atomic and Molecular Physics
- Nuclear and Elementary Particle Physics

5.3 Postgraduate Course on Nuclear Physics and Applications

6. BOOKS

- Co-author in 3 Physics Laboratory books as well as 1 Lab book for Nuclear and Elementary Particle Physics and 1 for Nuclear Physics and Applications.
- Co-editor in Conference Proceedings of 2 international and 2 Hellenic Nuclear Physics conferences

7. FUNDED RESEARCH PROGRAMS

- EEC Fellowship for collaboration at Daresbury Laboratory, UK.
- IAEA research contract (3552/RB)
- STIMULATION (The ESSA-30 collaboration-ST2J-0205)
- SCIENCE (The EUROGAM collaboration-SCI-CT91-687)
- TMR and LSF with Legnaro N.L. (Italy) and Rossendorf Lab. (Germany)
- Bilateral Agreement with University of Munich, Germany
- ARCHIMIDIS, NTUA Basic Research Program
- THALIS, NTUA Basic Research Program
- EC 5th EURATOM F.P. (n_TOF-NP-ADS project, FIKW-2000-00107)
- PROTAGORAS, NTUA Basic Research Program
- PEVE-2008, NTUA Basic Research Program
- HERAKLITOS, Ministry of Education Research Program
- PYTHAGORAS I, Ministry of Education Research Program
- PYTHAGORAS II, Ministry of Education Research Program
- HERAKLITOS, Ministry of Education PhD Research Program

8. CONFERENCES -TALKS

- Participation in 52 International and Hellenic Nuclear Physics Conferences
- More than 30 invited talks in conferences, Universities, workshops, meetings, summer schools etc.

9. ADMINISTRATIVE DUTIES

- Head of Physics Department of NTUA (1998-2000)
- Head of the Physics Department Committee for the Installation and Organization of Undergraduate Students Lab (1990-1998 , 2004-2006, 2010)
- Member of the Physics Department Committee for the Undergraduate Syllabus
- Responsible for the planning, financing and erection of the new Physics Building (1999-2006)
- Member of the University Committees for a) the University Campus Buildings, b) Internal Evaluation of NTUA, c) Entrance Examinations d) Open doors for High Schools
- Vice President of the Hellenic Nuclear Physics Society (2002-2004, 2010) and Secretary (2004-2006, 2010-today).
- Member of the Organizing Committee for 7 International and 2 Hellenic Nuclear Physics Conferences

10. PUBLICATIONS

- **80** Publications in refereed Journals
- **95** Publications in International and Hellenic Conference Proceedings

11. LIST OF PUBLICATIONS

Publications in refereed Journals

1. Scattering of 33MeV polarized ^3He particles by hydrogen and helium isotopes. O.Karban, A.K.Basak, C.O.Blyth, W.Dahme, J.B.A.England, J.M.Nelson, N.T.Okumusoglu, S.Roman. G.F.Shute and R.Vlastou, J.Phys.G:Nucl.Phys.3(1977)571.
2. small medium-pressure gas target system for use with polarized and unpolarized ion beams. J.B.A.England and R.Vlastou, Nucl.Instr.Meth.147(1977)443.
3. Scattering of polarized and unpolarized ^3He by ^3H and high excitation in ^6Li . R.Vlastou, J.B.A.England, O.Karban, S.Baird, Nucl.Phys.A292(1977)29.
4. The elastic scattering of polarized and unpolarized ^3He by ^3He and excitation in the ^6Be system. R.Vlastou, J.B.A.England, O.Karban S.Baird and Y.W. Lui, Nucl.Phys.A303(1978)368.
5. Fusion cross section of $^{16}\text{O}+^{13}\text{C}$ reaction. C.T.Papadopoulos, R.Vlastou, E.N.Gazis, P.A.Assimakopoulos, C.A.Kalfas, S.Kossionides and A.C.Xenoulis. Phys.Rev.C34(1986)196.

6. Structure of ^{96}Ru . E.Adamides, J.Sinatkas, L.D.Skouras, A.C.Xenoulis, E.N.Gazis, C.T.Papadopoulos and R.Vlastou, Phys.Rev.C34(1986)791.
7. pn to d and α pn to α d emission ratios in heavy ion induced reactions. E.N.Gazis, C.T.Papadopoulos, R.Vlastou and A.C.Xenoulis, Phys.Rev.C34(1986)872.
8. Apparent violation of isospin symmetry in the $^3\text{H}(^3\text{He}, ^2\text{H})^4\text{He}$ reaction. G.Rai, C.O.Blyth, J.B.A.England, A.Farooq, O.Karban, E.Rawas, S.Roman and R.Vlastou, Phys.Rev.C38(1988)2036.
9. High-spin properties of ^{173}Re . L.Hildingsson, W.Klamra, Th.Lindblad, C.G.Linden, C.A.Kalfas, S.Kossionides, C.T.Papadopoulos, R.Vlastou, J.Gizon, D.Klarke, F.Kasaie and J.N.Mo, Nucl.Phys.A513(1990)394.
10. The competition between p2n,dn and t emission in heavy ion induced reactions. A.C.Xenoulis, A.E.Aravandinos, G.P.Eleftheriades, C.T.Papadopoulos, E.N.Vlastou and R.Vlastou. Nucl.Phys.A516(1990)108.
11. Study of high spins in ^{173}Os . C.A.Kalfas, S.Kossionides, C.T.Papadopoulos, R.Vlastou, L.Hildingsson, W.Klamra, Th.Linden, R.Wiess, J.Gizon, S.Juutinen, R.Chapman, D.Clarke, F.Kasaie, J.C.Lisle and J.N.Mo. Nucl.Phys.A526(1991)205.2.
12. High spin phenomena in ^{174}Os . L.Hildingsson, W.Klamra, Th.Lindblad, C.G.Linden, B.Cederwall, W.Satula, R.Wiess, C.A.Kalfas, S.Kossionides, C.T.Papadopoulos, R.Vlastou, J.Gizon, D.Klarke, F.Kasaie and J.N.Mo, Nucl.Phys.A545(1992)871.
13. First measurement of magnetic properties in a superdeformed nucleus. M.J.Joyce, J.F.Sharpey-Schafer, P.J.Twin, C.W.Beausang, D.M.Cullen, M.A.Riley, R.M.Clark, P.J.Dagnal, J.Duprat, P.Fallon, P.D.Forsyth, N.Fotiades, S.J.Gale, B.Gall, F.Hannachi, S.Harissopoulos, K.Hauschild, P.M.Jones, C.A.Kalfas, A.Korichi, Y.LeCoz, M.Mayer, E.S.Paul, M.G.Porquet, N.Redon, C.Schuck, J.Simpson, R.Vlastou and R.Wodsworth, Phys.Rev.Lett.71(1993)2176.
14. Investigation on some $^{16}\text{O}+^{12}\text{C}$ resonances by the pn to d competition ratio technique. E.N.Gazis, R.Vlastou, C.T.Papadopoulos, A.E.Aravandinos, E.Adamides, A.C.Xenoulis, U.Lenz, K.E.G.Lobner, K.Rudolph, S.J.Scorka, H.G.Thies, Nucl.Phys. A569(1994)603.
15. High-spin structure of ^{155}Dy . R.Vlastou, C.T.Papadopoulos, M.Serris, C.A.Kalfas, N.Fotiades, S.Harissopoulos, S.Kossionides, J.F.Sharpey-Schafer, E.S.Paul, P.D.Forsyth, P.J.Nolan, N.D.Ward, M.A.Riley, J.Simpson, J.C.Lisle, P.M.Walker, M.Guttormsen and J.Rekstad, Nucl.Phys. A580(1994)133.
16. The N=7 unfavoured superdeformed band in ^{193}Hg ; Coriolis splitting and neutron shell structure at extreme deformation. M.J.Joyce, J.F.Sharpey-Schafer, M.A.Riley, D.M.Cullen, F.Azaiez, C.W.Beausang, R.M.Clark, P.J.Dagnal, I.Deloncle, J.Duprat, P.Fallon, P.D.Forsyth, N.Fotiades, S.J.Gale, B.Gall, F.Hannachi, S.Harissopoulos, K.Hauschild, P.M.Jones, C.A.Kalfas, A.Korichi, Y.Le Coz, M.Mayer, E.S.Paul, M.J.Paul, M.G.Porquet, N.Redon, C.Schuck, J.Simpson, R.Vlastou, R.Wadsworth and W.Nazrewicz, Phys.Lett. B340(1994)150.
17. Highly excited $\Delta I=1$ structures in ^{193}Hg . N.Fotiades, S.Harissopoulos, C.A.Kalfas, S.Kossionides, C.T.Papadopoulos, R.Vlastou, M.Serris, M.Meyer, N.Redon, R.Duffait, Y.LeCoz, L.Ducroux, F.Hannachi, I.Delongle, B.Gall, M.G.Porquet, C.Schuck, F.Azaiez, J.Duprat, A.Korichi, J.F.Sharpey-Schafer, M.J.Joyce, C.W.Beausang, P.J.Dagnal, P.D.Forsyth, S.J.Gale, P.M.Jones, E.S.Paul, J.Simpson, R.M.Clark, K.Hauschild and R.Wadsworth, J.Phys.G : Nucl. Part. Phys. 21(1995)911.
18. High spin levels in ^{119}Te . C.T.Papadopoulos, R.Vlastou, M.Serris, N.Fotiades, H.G.Hartas, C.A.Kalfas, S.Harissopoulos, S.Kossionides, J.Simpson, E.S.Paul, S.Araddad, C.W.Beausang, M.A.Bentley, M.J.Joyce and J.F.Sharpey-Schafer, Z.Phys. A352(1995)243.

19. High spin structure in ^{194}Hg . N.Fotiades, S.Harissopoulos, C.A.Kalfas, S.Kossionides, C.T.Papadopoulos, R.Vlastou, M.Serris, J.F.Sharpey-Schafer, M.J.Joyce, C.W.Beausang, P.J.Dagnal, P.D.Forsyth, S.J.Gale, P.M.Jones, E.S.Paul, P.J.Twin, J.Simpson, D.M.Cullen, P.Fallon, M.A.Riley, R.M.Clark, K.Hauschild and R.Wadsworth, *Z.Phys.* A354(1996)169.
20. An IBA and Raman study of irradiated thin films of YBaCuO superconductor. R.Vlastou, E.N.Gazis, C.T.Papadopoulos, E.Liarokapis, D.Palles, S.Kossionides, M.Kokkoris, M.Pilakouta, W.Assmann and H.Huber, *Nucl.Instr.Meth.* B113(1996)253.
21. High spin structures of ^{122}Xe . M.Serris, C.T.Papadopoulos, R.Vlastou, C.A.Kalfas, S.Kossionides, N.Fotiades, S.Harissopoulos, C.W.Beausang, M.J.Joyce, E.S.Paul, M.A.Bentley, S.Araddad, J.Simpson and J.F. Scharpey-Schafer, *Z.Phys.* A358(1997)37.
22. Dipole structures in ^{122}Xe . M.Serris, C.T.Papadopoulos, R.Vlastou, C.A.Kalfas, S.Kossionides, N.Fotiades, S.Harissopoulos, C.W.Beausang, M.J.Joyce, E.S.Paul, M.A.Bentley, J.Simpson and J.F. Scarpey-Schafer, *Z.Phys.* A358(1997)135.
23. Void formation in Ge induced by high energy heavy ion irradiation. H.Huber, W.Assmann, S.A.Karamian, A.Mucklich, W.Prusseit, E.N.Gazis, R.Groetschel, M.Kokkoris, S.Kossionides, H.D.Mieskes and R.Vlastou, *Nucl.Instr. Meth. Phys.Res.* B122(1997)542.
24. A method of determining the stopping power of light ions in crystal channels in the backscattering geometry. M.Kokkoris, S.Kossionides, X.Aslanoglou, G.Kaliambakos, T.Paradellis, S.Harissopoulos, E.N.Gazis, R.Vlastou, C.T.Papadopoulos and R.Groetschel, *Nucl.Instr. Meth. Phys.Res.* B 136-138(1998)137.
25. Radiation damage of $\text{YBa}_2\text{Cu}_3\text{O}_7$ superconductors. R.Vlastou, E.N.Gazis, C.T.Papadopoulos, E.Liarokapis, D.Palles, N.Poulakis, S.Kossionides, M.Kokkoris, G.Kalliambakos, W.Assmann and P.Berbeich, *Nucl.Instr. Meth. Phys.Res.* B136-138(1998)1286.
26. Heavy-ion induced damage of crystalline Ge and W in the 0.5-8A MeV range. H.Huber, W.Assmann, S.A.Karamian, H.D.Mieskes, H.Nolte, E.N.Gazis, M.Kokkoris, S.Kossionides, R.Vlastou, R.Groetschel, A.Muecklich and W.Prusseit, *Nucl.Instr. Meth. Phys.Res.* B146(1998)309.
27. Ion irradiation induced defects in epitaxial GaAs layers. N.Arbatzanis, R.Vlastou, G.Konstandinidis, W.Assmann, M.Papastamatiou, E.N.Gazis, and G.J.Papaioannou, *Solid State Electronics* 42(1998)277.
28. Characterization of optical UV filters using Rutherford backscattering spectroscopy. R.Vlastou, E.Fokitis, S.Maltezos, G.Kallimbakos, M.Kokkoris and S.Kossionides, *Nucl.Instr. Meth. Phys.Res.* B161-163(2000)590.
29. Simulations and comparisons of channeling spectra in the p^{+28}Si system in the backscattering geometry. X.A.Aslanoglou, A.Karydas, M.Kokkoris, E.Kossionides, Th.Paradellis, G.Souliotis and R.Vlastou, *Nucl.Instr. Meth. Phys.Res.* B161-163(2000)524.
30. Fusion cross section of the $^7\text{Li}+^{11}\text{B}$ reaction. R.Vlastou, C.T.Papadopoulos, C.Tsabaris, P.A.Assimakopoulos, A.A.Pakou, G.Doukellis, C.A.Kalfas and A.C.Xenoulis. *Eur.Phys.J.* A8(2000)361.
31. Fusion cross section limitation of the $^7\text{Li}+^{11}\text{B}$ reaction. C.Tsabaris, C.T.Papadopoulos, R.Vlastou, P.A.Assimakopoulos, A.A.Pakou, E.Adamides, C.A.Kalfas and A.C.Xenoulis, *Physica Scripta* T88(2000)131.
32. Determination of sulphur and copper depth distributions in patina layers using nuclear reaction techniques. G.Kalliambakos, S.Kossionides, P.Misailides, C.T.Papadopoulos and R.Vlastou, *Nucl.Instr. Meth. Phys.Res.* B170-(2000)467.

33. Characterization of RF-magnetron deposited thin film TiN for use as a metal electrode on TiN/SiO₂/Si MOS devices. M. Kokkoris, R. Vlastou, X. A.Aslanoglou, E. Kossionides, R. Grötzschel, and Th. Paradellis, *Journal of Applied Physics* 88, 7192 (2000).
34. Determination of the stopping power of channeled protons in SiO₂ in the backscattering geometry. M.Kokkoris, R.Vlastou, X.Aslanoglou, S.Kossionides, R.Groetzschel and T.Paradellis, *Nucl.Instr. Meth. Phys.Res.B* 173(2001)411.
35. Determination of Parameters for Channeling of Protons in SiC Polytype Crystals in the Backscattering Geometry. M. Kokkoris, S. Kossionides, R. Vlastou, X. A. Aslanoglou, R. Grötzschel, B. Nsouli, A. Kuznetsov, S. Petrovic, and Th. Paradellis, *NIM B*184(2001)319.
36. Study of the irradiation damage in SiC by ion channeling. M.Kokkoris, S.Kossionides, A.Kyriakis, K.Zachariadou, G.Fanourakis, R.Vlastou and Th. Paradellis,. *Nucl. Instr. Meth. Phys.Res. B*188(2002)78.
37. RBS and HIRBS studies of nanostructured AgSiO₂ Sol-Gel thin coatings. M.Kokkoris, C.C.Trapalis, S.Kossionides, R.Vlastou, B.Nsouli, R.Grotzschel, S.Spartalis, G.Kordas and Th.Paradellis. *Nucl. Instr. Meth. Phys.Res.B*188(2002)67.
38. Neutron cross measurements in the Th-U cycle by the activation method. D.Karamanis, S.Andriamonje, P.A.Assimakopoulos, G.Doukelis, D.A.Karademos, A.Karydas, M.Kokkoris, S.Kossionides, N.G.Nicolis, C.Papachristodoulou, C.T.Papadopoulos, N.Patronis, P.Pavlopoulos, G.Perdikakis, R.Vlastou, The n-TOF collaboration. *Nucl.Instr. Meth. Phys.Res.A*505(2003)381.
39. Investigation of deep implanted fluorine channeling profiles in silicon using resonant NRA. M.Kokkoris, G.Perdikakis, R.Vlastou, C.T.Papadopoulos, X.A.Aslanoglou, M.Posselt, R.Groetzschel, S.Harissopulos, S.Kossionides, *Nucl. Instr. Meth. Phys.Res. B*201(2003)623.
40. Dielectric properties of CVD grown SiON thin films on Si for MOS microelectronic devices. N.Konofaos, E.K.Evangelou, X.Aslanoglou, M.Kokkoris and R.Vlastou, *Semicond.Sci.Technol.*18(2003)1.
41. A study of the dechanneling of protons in SiC polytype crystals in the energy range $E_p=400-650\text{keV}$. M.Kokkoris, G.Perdikakis, S.Kossionides, S.Petrovic, R.Vlastou and R.Groetzschel, *Nucl. Instr. Meth. Phys.Res. B*219-220(2004)226.
42. Laser cleaning on Roman coins. E.Drakaki, A.G.Karydas, B.Klinkenberg, M.Kokkoris, A.A.Serafetinides, E.Stavrou, R.Vlastou and Ch.Zarkadas, *Appl.Phys.A*79(2004)1111.
43. New experimental validation of the pulse height weighting technique for capture cross section measurements. U.Abbondanno, ...R.Vlastou...and the n_TOF collaboration). *Nucl.Instr. Meth. Phys.Res. A*521(2004)454.
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45. The data acquisition system of the neutron time of flight facility n_TOF at CERN. U.Abbondanno, ...R.Vlastou ... and the n_TOF collaboration). *Nucl.Instr. Meth. Phys.Res. A*538(2005)692.
46. High spin structure of ³⁴S and the proton-neutron coupling of intruder states. P.Mason, ...R.Vlastou et al. *Phys. Rev. C*71(2005)014316.
47. On the radiation damage effects in semiconductors beyond the end of range of implanted protons at high energies and fluences, M.Kokkoris, A.Spyrou, G.Perdikakis, R.Vlastou, C.T.Papadopoulos, A.Lagoyannis, E.Symoén and S.Kossionides, *Nucl. Instr. Meth. Phys.Res* 240(2005)168.
48. High spin structure and intruder configurations in ³¹P. M.Ionescu-Bujor, ...R.Vlastou et al. *Phys.Rev. C*73(2006)024310.

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50. Set up and application of an Underwater γ - ray spectrometer for radioactivity Measurements. C.Tsabaris, D. S. Vlachos, C.T.Papadopoulos, R.Vlastou and C. A. Kalfas, Mediterranean marine Science (MS 194) 6(2006)35.
51. Monte Carlo simulation of γ -ray spectra from natural radionuclides recorded by a NaI detector in the marine environment. R.Vlastou, I.Th.Ntziou, M.Kokkoris, C.T.Papadopoulos and C.Tsabaris, Applied Radiation and Isotopes 64(2006)116.
52. Neutron induced reactions at the Athens Tandem Accelerator NCSR "Demokritos". R.Vlastou, C.T.Papadopoulos, M.Kokkoris, G.Perdikakis, S.Galanopoulos, M.Serris, A.Lagoyannis and S.Harissopoulos, Journal of Radioanalytical & Nuclear Chemistry, 272(2007)219.
53. Study of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ reaction cross section in the energy range $E_n=8.8-11.1\text{MeV}$. G.Perdikakis, C.T.Papadopoulos, M.Kokkoris, R.Vlastou, S.Galanopoulos, A.Lagoyannis, A.Spyrou, Y.Kalyva and N.Patronis, Journal of Radioanalytical & Nuclear Chemistry, 272(2007)223.
54. A Detailed Study of the $^{12}\text{C}(d,d_0)^{13}\text{C}$ Reaction at Detector Angles between 145° and 170° , for the Energy Range $E_{d, \text{lab}} = 900-2000 \text{ keV}$. M. Kokkoris', P.Misailides, S.Kossionides, A.Lagoyannis, Ch.Zarkadas, R.Vlastou, C.T.Papadopoulos, A.Kontos, Nucl. Instr. Meth. Phys.ResB249(2006)81.
55. Measurement of the $^{241}\text{Am}(n,2n)^{240}\text{Am}$ reaction cross section by the activation method. G.Perdikakis, C.T.Papadopoulos, R.Vlastou, A.Lagoyannis, A.Spyrou, M.Kokkoris, S.Galanopoulos, N.Patronis, D. Karamanis, Ch. Zarkadas, G. Kalyva and S. Kossionides, Phys. Rev. C73(2006)067601.
56. A Detailed Study of the $^{12}\text{C}(d,p_0)^{13}\text{C}$ Reaction at Detector Angles between 135° and 170° , for the Energy Range $E_{d, \text{lab}} = 900-2000 \text{ keV}$ M. Kokkoris', P.Misailides, S.Kossionides, A.Lagoyannis, Ch.Zarkadas, R.Vlastou, C.T.Papadopoulos, A.Kontos, Nucl. Instr. Meth. Phys.ResB249(2006)77.
57. Radioactivity levels of recent sediments in the Butrint Lagoon and the adjacent coast of Albania. C.Tsabaris, G. Eleftheriou, V. Kapsimalis, C. Anagnostou, R. Vlastou, C. Durmishi, M. Kedhi, and C. A. Kalfas, Applied Radiation and Isotopes, accepted.
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59. Neutron Capture cross section of ^{232}Th measured at the n_TOF facility at CERN in the unresolved resonance region up to 1MeV. G.Aerts.... R.Vlastou ...and the n_TOF collaboration. Phys.Rev.C73(2006)054610.
60. New measurement of neutron capture resonances in ^{209}Bi . C.Domingo-Prado ,... R.Vlastou ...and the n_TOF collaboration. Phys.Rev.C74(2006)025807.
61. Resonance capture cross section of ^{207}Pb . C.Domingo-Prado ,... R.Vlastou ...and the n_TOF collaboration. Submitted to Phys.Rev.C.
62. Study of the (n,2n) cross section measurement of the ^{174}Hf isotope. M.Serris, S.Galanopoulos, M.Kokkoris, A.Lagoyannis, C.A.Kalfas, C.T.Papadopoulos, N.Patronis, G.Perdikakis and R.Vlastou. Nucl. Instr. Meth. Phys.Res, accepted.
63. Experimental and theoretical studies of (n,p) reactions on Ge isotopes. S.Galanopoulos, R.Vlastou, C.T.Papadopoulos, P.Demetriou, M.Kokkoris, G.Perdikakis and M.Serris. Nucl. Instr. Meth. Phys.Res, accepted.
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65. Measurement of the neutron capture cross section of the s-only isotope ^{204}Pb from 1eV to 440keV. C.Domingo-Prado ,... R.Vlastou, C.T.Papadopoulos ...and the n_TOF collaboration. *Phys.Rev.C*77(2007)015806.
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