

CURRICULUM VITAE

1. Personal data

Name : Athena-Konstadina Pakou
Place and date of birth : Parga-Greece, 27.05.1953
Acad. Position : Professor of Physics (Emeritus)
Other Position : Secretary of the Governing Board of Hellenic Institute of Nuclear Physics
Office address : The University of Ioannina, Dept. of Physics, GR-451 10 Ioannina, tel:++ 2651008554, fax: ++2651008692, e-mail: apakou@cc.uoi.gr

2. Academic studies

1975: B. Sc degree in Physics, The Univ. of Ioannina-Greece

1982: PhD in Nuclear Physics, Univ. of Oxford -U.K.

3. Research and Academic positions

1982-1987: Lecturer in Physics, Univ. of Ioannina-Greece

1987-1993: Assistant Professor, Univ. of Ioannina-Greece

1993-2004: Associate Professor, Univ. of Ioannina-Greece

2004-2014: Professor of Physics, Univ. of Ioannina-Greece

2014-today: Emeritus Professor, Univ. of Ioannina, Greece

1984-1985: Postdoctoral Fellow, Rutgers University-U.S.A

1985-1988: Visiting Research Fellow, Rutgers University-U.S.A

1988-1990: Visiting Research Fellow, Univ. of Padova-Italy

1991-1992: Visiting Research Fellow, Univ. of Manchester-U.K.

1994-2005: Visiting Research Fellow, Saclay-France and Rutgers University-U.S.A

4. Publications : over than 180

Scientific journals: 110 (cit. 1300 h-factor 19)

Conferences: 70

5. Research Interests

- Magnetic moment measurements of short lived nuclear states
- Studies with weakly bound nuclei (radioactive and stable) - elastic-inelastic scattering, transfer reactions and fusion reactions
- Applied nuclear physics-environmental studies

6. Awards/Scholarships

- 1971-1975 Postgraduate scholarships by the **National Scholarship Foundation (IKY)**
- 1975-1977 Research Scholarship by the **National Hellenic Research Foundation**
- 1981-1982 PhD scholarship **Onassis Foundation**
- 1982 Award from **St Hildas College**
- 2011-2014 President of the Virtual Hellenic Institute of Nuclear Physics governing board-**HINP** (<http://www.uoi.gr/HINP/>)
- 2014-today Secretary of **HINP** governing board
- 2008-2009 President of the Hellenic Nuclear Physics Society governing board(**HNPS**)
- 2009-2010 Secretary of **HNPS**

7. Publications in Scientific Journals

1. Study of ${}^6\text{Li} + \text{p} \rightarrow {}^3\text{He} + {}^4\text{He}$ reaction in inverse kinematics; Ch. Betsou, A. Pakou, F. Cappuzzello, L. Acosta, C. Agodi, X. Aslanoglou, D. Carbone, M. Cavallaro, A. Di Pietro, J. P. Fernández-García, P. Figuera, M. Fisichella, A. Foti, N. Keeley, G. Marquinez-Duran, I. Martel, M. Mazzocco, N.G. Nicolis, D. Pierroutsakou, K. Rusek, O. Sgouros, V. Soukeras, E. Stiliaris, E. Strano, and D. Torresi; **European Physical Journal A** **51**, 86 (2015) .
2. Important influence for single neutron stripping coupling on near barrier ${}^8\text{Li} + {}^{90}\text{Zr}$ quasi-elastic scattering, A. Pakou, N. Keeley, D. Pierroutsakou, M. Mazzocco, L. Acosta, X. Aslanoglou, A. Boiano, C. Boiano, D. Carbone, M. Cavallaro, M. La Commara, C. Manea, G. Marquinez-Duran, I. Martel, C. Parascandolo, K. Rusek, A. M. Sánchez-Benítez, O. Sgouros, C. Signorini, F. Soramel, V. Soukeras, E. Stiliaris, E. Strano, D. Torresi, A. Trzcinska, Y. X. Watanabe, and H. Yamaguchi; **European Physical Journal A** **51**, 90 (2015) .
3. Direct and compound – nucleus reaction mechanisms in the ${}^7\text{Be} + {}^{58}\text{Ni}$ system at near – barrier energies, M. Mazzocco, D. Torresi, D. Pierroutsakou, N. Keeley, L. Acosta, A. Boiano, C. Boiano, T. Glodariu, A. Guglielmetti, M. La Commara, J. A. Lay, I. Martel, C. Mazzocchi, P. Molini, C. Parascandolo, A. Pakou, V. V. Parkar, M. Romoli, K. Rusek, A. M. Sánchez-Benítez, M. Sandoli, O. Sgouros, C. Signorini, R. Silvestri, F. Soramel, V. Soukeras, E. Stiliaris, E. Strano, L. Stroe, and K. Zerva; **Physical Review C** **92**, 024615 (2015).
4. Total reaction cross sections for ${}^8\text{Li}+{}^{90}\text{Zr}$ at near barrier energies, A. Pakou, D. Pierroutsakou, M. Mazzocco, L. Acosta, X. Aslanoglou, A. Boiano, C. Boiano, D.

- Carbone, M. Cavallaro, N. Keeley, M. La Commara, C. Manea, G. Marquinez-Duran, I. Martel, C. Parascandolo, K. Rusek, A. M. Sánchez-Benítez, O. Sgouros, C. Signorini, F. Soramel, V. Soukeras, E. Stiliaris, E. Strano, D. Torresi, A. Trzcinska, Y. X. Watanabe, and H. Yamaguchi; **European Physical Journal A** 51,55 (2015).
5. Reexamination of the ${}^6\text{Li}+p$ elastic scattering at near barrier energies; V. Soukeras, A. Pakou, F. Cappuzzello, L. Acosta, C. Agodi, N. Alamanos, M. Bondi, D. Carbone, M. Cavallaro, A. Cunsolo, M. De Napoli, A. Di Pietro, J. P. Fernandez-Garcia, P. Figuera, M. Fisichella, A. Foti, N. Keeley, G. Marquinez-Duran, I. Martel, M. Mazzocco, D. Nicolosi, D. Pierroutsakou, K. Rusek, O. Sgouros, E. Stiliaris, E. Strano, D. Torresi; **Phys Rev. C** 91, 057601 (2015).
 6. Reaction Dynamics studies for the system ${}^7\text{Be}+{}^{58}\text{Ni}$; D Torresi, M. Mazzocco, L Acosta, A Boiano, C Boiano, A Diaz-Torres, N Fierro, T Glodariu, L Grilj, A Guglielmetti, N Keeley, M La Commara, I Martel, C Mazzocchi, P Molini, A Pakou, C Parascandolo, V V Parkar, N Patronis, D Pierroutsakou, M Romoli, K Rusek, A M Sanchez-Benitez, M Sandoli, C Signorini, R Silvestri, F Soramel, E Stiliaris, E Strano, L Stroe and K Zerva; **Journal of Physics :Conference Series** 590 (2015) 012057.
 7. Study of the deformation-driving $v_{d5/2}$ orbital in ${}^{67}_{58}\text{Ni}_{139}$ using one-neutron transfer reactions; J. Diriken, N. Patronis, A. N. Andreyev, S. Antalic, V. Bildstein, A. Blazhev, I. G. Darby, H. De Witte, J. Eberth, J. Elseviers, V. N. Fedosseev, F. Flavigny, Ch. Fransen, G. Georgiev, R. Gernhauser, H. Hess, M. Huyse, J. Jolie, Th. Kroll, R. Krucken, R. Lutter, B. A. Marsh, T. Mertzimekis, D. Muecher, F. Nowacki, R. Orlandi, A. Pakou, R. Raabe, G. Randisi, P. Reiter, T. Roger, M. Seidlitz, M. Seliverstov, K. Sieja, C. Sotty, H. Tornqvist, J. Van De Walle, P. Van Duppen, D. Voulot, N. Warr, F. Wenander, K. Wimmer; **Phys. Lett. B** 743 (2014) 533.
 8. Direct and Compound Nucleus Reactions for the system ${}^7\text{Be}+{}^{58}\text{Ni}$ at near barrier energies; M. Mazzocco, D. Torresi, L. Acosta, A. Boiano, C. Boiano, N. Fierro, T. Glodariu, A. Guglielmetti, N. Keeley, M. La Commara, I. Martel, C. Mazzocchi, P. Molini, A. Pakou, C. Parascandolo, V. V. Parkar, N. Patronis, D. Pierroutsakou, M. Romoli, K. Rusek, A. M. Sanchez-Benitez, M. Sandoli, C. Signorini, R. Silvestri, F. Soramel, E. Stiliaris, E. Strano, L. Stroe, K. Zerva; **Acta Polonica** 45 (2014) 363.
 9. Total reaction cross sections at near barrier energies for ${}^6,7\text{Li}$ on various targets, A. Pakou, V. Soukeras, O. Sgouros, K. Zerva; **European Physical Journal A** 50 (2014) 65.
 10. Elastic scattering of ${}^{17}\text{O}$ ions from ${}^{58}\text{Ni}$ at near - barrier energies; D. Torresi, E. Strano, M. Mazzocco, A. Boiano, C. Boiano, P. Di Meo, A. Guglielmetti, M. La Commara, C. Manea, M. Nicoletto, C. Parascandolo, L. Parascandolo, D. Pierroutsakou, M. Sandoli, C. Signorini, F. Soramel, N. Toniolo, J. Grebosz, D. Filipescu, A. Gheorghe, T. Glodariu, L. Stroe, H. Miyatake, Y. Watanabe, S. Jeong,

- Y. H. Kim, A. Pakou, O. Sgouros, V. Soukeras, and K. Zerva; **EPJ Web of Conference** **66**, 03087 (2014).
11. Backward angle structure in the $^{20}\text{Ne}+^{28}\text{Si}$ quasielastic scattering; O.Sgouros, V.Soukeras, A.Pakou, N.Patronis, K.Zerva, N.Keeley, I.Strojek, A.Trzcinska, E.Piasecki, K.Rusek, E.Stiliaris, M.Mazzocco; **Int. J. Mod. Phys. 22**, 1350073(2013).
 12. Fusion cross sections of $^8\text{B}+^{28}\text{Si}$ at near-barrier energies; A.Pakou, E.Stiliaris, D.Pierroutsakou, N.Alamanos, A.Boiano, C.Boiano, D.Filipescu, T.Glodariu, J.Grebosz, A.Guglielmetti, M.La Commara, M.Mazzocco, C.Parascandolo, K.Rusek, A.M.Sanchez-Benitez, C.Signorini, O.Sgouros, F.Soramel, V.Soukeras, E.Strano, L.Stroe, N.Toniolo, D.Torresi, K.Zerva; *Phys.Rev. C* **87**, 014619 (2013); Erratum **Phys.Rev. C** **87**, 049901 (2013).
 13. Scattering process for the system $^7\text{Be} + ^{58}\text{Ni}$ at 23.2 MeV beam energy; M.Mazzocco, D.Torresi, N.Fierro, L.Acosta, A.Boiano, C.Boiano, T.Glodariu, A.Guglielmetti, M.La Commara, I.Martel, C.Mazzocchi, P.Molini, A.Pakou, C.Parascandolo, V.V.Parkar, N.Patronis, D.Pierroutsakou, M.Romoli, A.M.Sanchez-Benitez, M.Sandoli, C.Signorini, R.Silvestri, F.Soramel, E.Stiliaris, E.Strano, L.Stroe, K.Zerva; **J.Phys.:Conf.Ser.** **420**, 012077 (2013).
 14. Elastic Scattering of $^8\text{He} + ^{208}\text{Pb}$ at 22 MeV; G.Marquinez-Duran, A.M.Sanchez-Benitez, I.Martel, L.Acosta, K.Rusek, M.A.G.Alvarez, R.Berjillos, M.J.G.Borge, A.Chbihi, C.Cruz, M.Cubero, J.A.Duenas, J.P.Fernandez-Garcia, B.Fernandez Martinez, J.L.Flores, J.Gomez-Camacho, N.Keeley, J.A.Labrador, M.Marques, A.M.Moro, M.Mazzocco, A.Pakou, V.V.Parkar, N.Patronis, V.Pesudo, D.Pierroutsakou, R.Raabe, R.Silvestri, N.Soic, L.Standylo, I.Strojek, O.Tengblad, R.Wolski, A.H.Ziad; **Acta Phys.Pol.** **B44**, 467 (2013).
 15. Energy reconstruction from PileUp events; E. Stiliaris, A. Pakou, D.Pierroutsakou, N.Alamanos, A.Boiano, C.Boiano, D.Filipescu, T.Glodariu, J.Grebosz, A.Guglielmetti, M.La Commara, M.Mazzocco, C.Parascandolo, K.Rusek, A.M.Sanchez-Benitez, C.Signorini, O.Sgouros, F.Soramel, V.Soukeras, E.Strano, L.Stroe, N.Toniolo, D.Torresi, K.Zerva; **IEEE Nuclear Science Symposium Conference Record** no 6551275, 1092(2013).
 16. Recent Results on Reactions with Weakly-bound Nuclei; M.Mazzocco, D.Torresi, N.Fierro, L.Acosta, A.Boiano, C.Boiano, T.Glodariu, A.Guglielmetti, M.La Commara, I.Martel, C.Mazzocchi, P.Molini, A.Pakou, C.Parascandolo, V.V.Parkar, N.Patronis, D.Pierroutsakou, M.Romoli, A.M.Sanchez-Benitez, M.Sandoli,

- C. Signorini, R. Silvestri, F. Soramel, E. Stiliaris, E. Strano, L. Stroe, K. Zerva; *Acta Phys. Pol.* **B44**, 437 (2013).
17. New excited states in the halo nucleus ${}^6\text{He}$; X. Mougeot, V. Lapoux, W. Mittig, N. Alamanos, F. Auger, B. Avez, D. Beaumel, Y. Blumenfeld, R. Dayras, A. Drouat, C. Force, L. Gaudefroy, A. Gillbert, J. Guillot, H. Iwasaki, T. Al Kalanee, N. Keeley, L. Nalpas, E. C. Pollacco, T. Roger, P. ROussel-Chomaz, D. Suzuki, K. W. Kemper, T. J. Mertzimekis, A. Pakou, K. Rusek, J. –A. Scarpaci, C. Simenel, I. Strojek, R. Wolski; **Phys. Lett. B** **718**, 441 (2012).
 18. Quasi-Elastic backscattering of ${}^{6,7}\text{Li}$ on light, medium and heavy targets at near and sub-barrier energies; K. Zerva, A. Pakou, N. Patronis, P. Figuera, A. Musumarra, A. Di Pietro, M. Fisichella, T. GLodariu, M. La Commara, M. Lattuada, M. Mazzocco, M. G. Pellegriti, D. Pierroutsakou, A. M. Sanchez-Benitez, V. Scuderi, E. Strano and K. Rusek; **Eur. Phys. J A****48**, 102 (2012)
 19. Probing the optical potential for ${}^{17}\text{F}+p$ at near barrier energies; N. Patronis, A. Pakou, D. Pierroutsakou, A. M. Sanchez-Benitez, L. Acosta, N. Alamanos, A. Boiano, G. Inglima, D. Filipescu, T. GLodariu, A. Guglielmetti, M. La Commara, G. Lalazissis, I. Martel, C. Mazzocchi, M. Mazzocco, P. Molini, C. Parascandolo, M. Sandoli, C. Signorini, R. Silvestri, F. Soramel, E. Stiliaris, M. Romoli, A. Trzxinska, K. Zerva, E. Vardaci, A. Vitturi; **Phys. Rev. C** **85**, 024609 (2012).
 20. Scattering of ${}^8\text{He}$ on ${}^{208}\text{Pb}$ at Energies Around the Coulomb barrier; G. Marquinez-Duran, A.M. Sanchez-Benitez, I. Martel, R. Berjillos, J. Duenas, V.V. Parkar, L. Acosta, K. Rusek, M.A.G. Alvarez, J. Gomez-Camacho, M.J.G. Borge, C. Cruz, M. Cubero, V. Pesudo, O. Tengblad, A. Chbihi, J.P. Fernandez-Garcia, B. Fernandez Martinez, J.A. Labrador, A.H. Ziad, J.L. Flores, N. Keeley, L. Standylo, I. Strojek, M. Marques, M. Mazzocco, A. Pakou, N. Patronis, D. Pierroutsakou, R. Silvestri, R. Raabe, N. Soic, R. Wolski; **Acta Phys. Pol.** **B43**, 239 (2012).
 21. Strong reaction channels for the system ${}^{17}\text{F}+{}^{58}\text{Ni}$ for Coulomb barrier energies: M. Mazzocco, C. Signorini, D. Pierroutsakou, T. Glodariu, A. Boiano, C. Boiano, A. Di Pietro, F. Farinon, P. Figuera, D. Filipescu, L. Fortunato, A. Guglielmetti, G. Inglima, M. La Commara, M. Lattuada, C. Mazzocchi, P. Molini, A. Musumarra, A. Pakou, C. Parascandolo, N. Patronis, M. Romoli, M. Sandoli, V. Scuderi, C. Signorini, F. Soramel, L. Stroe, D. Torresi, E. Vardaci and A. Vitturi; *Journal of Physics* **312**, 082032(2011).
 22. Reaction dynamics for the system ${}^{17}\text{F}+{}^{58}\text{Ni}$ at near barrier energies; M. Mazzocco, A. Boiano, C. Boiano, A. Di Pietro, F. Farinon, P. Figuera, D. Filipescu, L. Fortunato, T. Glodariu, A. Guglielmetti, G. Inglima, M. La Commara, M. Lattuada, C. Mazzocchi, P. Molini, A. Musumarra, A. Pakou, C. Parascandolo, N. Patronis, D. Pierroutsakou, M. Romoli, M. Sandoli, V. Scuderi, C. Signorini, F. Soramel, L. Stroe, D. Torresi, E. Vardaci and A. Vitturi; **Phys. Rev. C** **82**, 054604 (2010).

23. Probing the potential and reaction coupling effects of ${}^{6,7}\text{Li}+{}^{28}\text{Si}$ and sub-and near-barrier energies with elastic backscattering; K. Zerva, A. Pakou, K. Rusek, N. Patronis, N. Alamanos, X. Aslanoglou, D. Filipescu, T. Glodariou, N. Keeley, M. Kokkoris, M. La Commara, A. Lagoyannis, M. Mazzocco, N. G. Nicolis, D. Pierroutsakou and M. Romoli; **Phys. Rev. C** **82**, 044607 (2010).
24. Scattering of ${}^{17}\text{F}$ nuclei from a ${}^{58}\text{Ni}$ target at energies around the Coulomb barrier; M Mazzocco, A. Boiano, C. Boiano, A. Di Pietro, F. Farinon, P. Figuera, D. Filipescu, L. Fortunato, T. Glodariu, A. Guglielmetti, G. Inglima, M. La Commara, M. Lattuada, C. Mazzocchi, P. Molini, A. Musumarra, A. Pakou, C. Parascandolo, N. Patronis, D. Pierroutsakou, M. Romoli, M. Sandoli, V. Scuderi, C. Signorini, F. Soramel, L. Stroe, D. Torresi, E. Vardaci and A. Vitturi; **Nucl. Phys. A****834**, 488c (2010).
25. Measuring total reaction cross-sections at energies near the coulomb barrier by the active target method; A. Musumarra, P. Figuera, F. De Luca, A. Di Pietro, P. Finocchiaro, M. Fisichella, M. Lattuada, A. Pakou, M.G. Pellegriti, G. Randisi, G. Scalia, C. Scirè, S. Scirè, V. Scuderi, D. Torresi and M. Zadro; **Nuclear Instruments and Methods A****612**, 399 (2010).
26. Total reaction and fusion cross sections at sub- and near-barrier energies for the system ${}^7\text{Li} + {}^{28}\text{Si}$; A. Pakou, K. Rusek, N. Alamanos, X. Aslanoglou, M. Kokkoris, A. Lagoyannis, M. T. Mertzimekis, A. Musumarra, N. Nicolis, D. Pierroutsakou and D. Roubos; **European Physical Journal A** **39**, 187(2009).
27. Elastic backscattering measurements for ${}^6\text{Li}+{}^{28}\text{Si}$ at sub- and near-barrier energies; K. Zerva, N. Patronis, A. Pakou, N. Alamanos, X. Aslanoglou, D. Filipescu, T. Glodariu, M. Kokkoris, M. La Commara, A. Lagoyannis, M. Mazzocco, N. G. Nicolis, D. Pierroutsakou, M. Romoli, K. Rusek; **Phys. Rev. C** **80** (2009)017601.
28. Total reaction fusion and transfer cross sections at sub and near barrier energies for the system ${}^7\text{Li}+{}^{28}\text{Si}$; A. Pakou, K. Rusek, N. Alamanos, X. Aslanoglou, M. Kokkoris, A. Lagoyannis, T. J. Mertzimekis, A. Musumarra, N. G. Nicolis, D. Pierroutsakou and D. Roubos; **Eur. Phys. J A****39** (2009) 187.
29. Polarization potential for elastic scattering of ${}^{6,7}\text{Li}+{}^{28}\text{Si}$ at near-barrier energies: Athena Pakou, **Phys. Rev. C** **78** (2008) 067601.
30. Study of N=16 for ${}^{20}\text{Ne}$ isotopes; A. Gillibert, Oberteli A., N. Alamanos, M. Alvarez, F. Auger, R. Dayras, A. Drouart, B. Jurado, N. Keeley, V. Lapoux, W. Mittig,

X.Mougeot, L.Nalpas, A.Obertelli, A.Pakou, N. Patronis, E.C.Pollacco, F.Rejmund, M.Rejmund, P. Rousel-Chomaz, H.Savajols, F.Skaza, Ch.Theisen; **Eur. Phys. J.: Special Topics 150** (2007)161.

31. Low-lying states and structure of the exotic ^8He via direct reactions on proton; F. Skaza, V. Lapoux, N. Keeley, N. Alamanos, F. Auger, D. Beaumel, E. Becheva, Y Blumenfeld, F. Delaunay, A. Drouart, A. Gillibert, L. Giot, K. W. Kemper, L. Nalpas, A. Pakou, E. C. Pollacco, R. Raabe, P. Roussel-Chomaz, K. Rusek, J-A. Scarpaci, J. L. Sida, S. Stepantsov, R. Wolski ; **Nucl Phys. A 788** (2007)260c.
32. Probing the ^8He ground state via the $^8\text{He}(p,t)^6\text{He}$ reaction; N. Keeley, F. Skaza, V. Lapoux, N. Alamanos, F. Auger, D. Beaumel, E. Becheva, Y Blumenfeld, F. Delaunay, A. Drouart, A. Gillibert, L. Giot, K. W. Kemper, L. Nalpas, A. Pakou, E. C. Pollacco, R. Raabe, P. Roussel-Chomaz, K. Rusek, J-A. Scarpaci, J. L. Sida, S. Stepantsov, R. Wolski; **Phys. Lett. B 646** (2007)222.
33. Structure of exotic nuclei from direct reactions; A.Gillibert, N.Alamanos, M.Alvarez, F.Auger, D.Beaumel, E.Becheva, Y.Blumenfeld, R.Dayras, F.Delaunay, A.Drouart, G.de France, L.Giot, B.Jurado, N.Keeley, K.W.Kemper, V.Lapoux, W.Mittig, X.Mougeot, L.Nalpas, A.Obertelli, N.Patronis, A.Pakou, E.C.Pollacco, R.Raabe, P.Roussel-Chomaz, F.Rejmund, M.Rejmund, H.Savajols, J.A.Scarpaci, J.L.Sida, F.Skaza, S.Stepantsov, Ch.Theisen, R.Wolski ; **Nucl.Phys. A 787** (2007) 423c.
34. Strong transfer channels in the $^6\text{Li}+^{28}\text{Si}$ system at near-barrier energies;A. Pakou, K. Rusek, N. Alamanos, X. Aslanoglou, S. Harissopoulos, M. Kokkoris, A. Lagoyannis, T. J. Mertzimekis, A. Musumarra, N.G. Nicolis, C. papachristodoulou, D. Pierroutsakou and D. Roubos; **Phys. Rev. C 76** (2007)054601.
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36. Spectroscopy of $^{25,27}\text{Ne}$ and $^{26,27}\text{Na}$;A. Obertelli, A. Gillibert, N. Alamanos, M. Alvarez, F. Auger, R. Dayras, A. Drouart, N. Keeley, V. Lapoux, X. Mougeot, L. Nalpas, E.C. Pollacco, F. Skaza and Ch. Theisen, G. de France, B. Jurado, W. Mittig, F. Bejrmud, M. Rejmud, P. Rousel-Chomaz and H. Savajol, A. Pakou and N. Patronis, **Phys. Rev C 74** (2006) 064305.
37. Radial sensitivity of the potential for weakly bound and tightly bound nuclei: D. Roubos, A. Pakou, N. Alamanos, K. Rusek, **Phys. Rev C 73** (2006) 051603 ®.
38. Study of ^6Li exclusive breakup on ^{28}Si at 13 MeV; A. Pakou, N. Alamanos, N. M. Clarke, N. J. Davis, G. Doukelis, G. Kalyva, M. Kokkoris, A. Lagoyannis, T. J. Mertzimekis, A. Musumarra, N. G. Nicolis, C. Papachristodoulou, N. Patronis, G. Perdikakis, D. Pierroutsakou, D. Roubos, K. Rusek, S. Spyrou and Ch. Zarkadas, **Phys. Lett. B 633** (2006) 691.

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