

CURRICULUM VITAE

1. Personal data

Name : Athina Pakou
Place and date of birth : Parga-Greece, 27.05.1953
Acad. Position : Professor of Physics (Emerita)
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@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 200

hfactor: 32 (22 excluding self citataions)
Citations: 3100 (1760 excluding self cistations)

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 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**
- Reviewer in EPJA, PRC, PRL, NP

7. Publications in Scientific Journals

1. Elastic scattering of $8B+natZr$ at the sub-barrier energy of 26.5 MeV
K. Palli, A. Pakou, P. O'Malley, L. Acosta, A. M. Sánchez-Benítez, G. Souliotis, A. M. Moro, E. F. Aguilera, E. Andrade, D. Godos, O. Sgouros, V. Soukeras, C. Agodi, T. L. Bailey, D. W. Bardayan, C. Boomershine, M. Brodner, F. Cappuzzello, S. Carmichael, M. Cavallaro, S. Dede, J. A. Dueñas, J. Henning, K. Lee, W. S. Porter, F. Rivero, W. von Seeger; *Physical Review C* 109 (2024) 064614.
Doi: 10.1103/PhysRevC.109.064614
2. Analysis of one-proton transfer reaction in $18O+76Se$ collisions at 275 MeV
I. Ciraldo, F. Cappuzzello, M. Cavallaro, D. Carbone, A. Gargano, G. De Gregorio, H. Garcia-Tecocoatzi, E. Santopinto, R.I. Magana-Vsevolodovna, L. Acosta, C. Agodi, P. Amador-Venezuela, G. A. Brischetto, S. Burello, D. Calvo, E.R. Chávez Lomeli, M. Colonna, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, M.A. Guazzelli, A. Haciosalihoglu, R. Linares, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, O. Sgouros, S.O. Solakci, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 109 (2024) 024615.
Doi: 10.1103/PhysRevC.109.024615
3. $^{18}O+^{48}Ti$ elastic and inelastic scattering at 275 MeV
G.A. Brischetto, O. Sgouros, D. Carbone, F. Cappuzzello, M. Cavallaro, J. Lubian, G. De Gregorio, C. Agodi, D. Calvo, E.R. Chávez Lomeli, I. Ciraldo, F. Delaunay,

- H. Djapo, C. Eke, P. Finocchiaro, M. Fisichella, A. Gargano, M.A. Guazzelli, A. Hacisalihoglu, R. Linares, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 109 (2024) 014604.
Doi: 10.1103/PhysRevC.109.014604
4. One-neutron transfer reaction in the $^{18}\text{O}+^{48}\text{Ti}$ collision at 275 MeV; O. Sgouros, M. Cutuli, F. Cappuzzello, M. Cavallaro, D. Carbone, C. Agodi, G. De Gregorio, A. Gargano, R. Linares, G. A. Brischetto, D. Calvo, E.R. Chávez Lomeli, I. Ciraldo, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, M. Fisichella, M.A. Guazzelli, A. Hacisalihoglu, J. Lubian, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 108 (2023) 044611.
Doi: 10.1103/PhysRevC.108.044611
 5. Multinucleon transfer channels from ^{70}Zn (15 MeV/nucleon) + ^{64}Ni collisions
S. Koulouris, G.A. Souliotis, F. Cappuzzello, D. Carbone, A. Pakou, C. Agodi, G. Brischetto, S. Calabrese, M. Cavallaro, I. Ciraldo, O. Fasoula, J. Klimo, K. Palli, O. Sgouros, V. Soukeras, A. Spatafora, D. Torresi, M. Veselsky; *Physical Review C* 108 (2023) 044612.
Doi: 10.1103/PhysRevC.108.044612
 6. Quasielastic scattering of $^7\text{Be} + \text{natZr}$ at sub- and near-barrier energies
K. Palli, A. Pakou, A. M. Moro, P. O'Malley, L. Acosta, A. M. Sánchez-Benítez, G. Souliotis, E. F. Aguilera, E. Andrade, D. Godos, O. Sgouros, V. Soukeras, C. Agodi, T. L. Bailey, D. W. Bardayan, C. Boomershine, M. Brodner, F. Cappuzzello, S. Carmichael, M. Cavallaro, S. Dede, J. A. Dueñas, J. Henning, K. Lee, W. S. Porter, F. Rivero, W. von Seeger; *Physical Review C* 107 (2023) 064613.
Doi: 10.1103/PhysRevC.107.064613
 7. Multichannel experimental and theoretical approach to the $^{12}\text{C}(^{18}\text{O},^{18}\text{F})^{12}\text{B}$ single-charge-exchange reaction at 275 MeV: Initial-state interaction and single-particle properties of nuclear wave functions; A. Spatafora, D. Carbone, F. Cappuzzello, M. Cavallaro, L. Acosta, C. Agodi, P. Amador-Venezuela, T. Borello-Lewin, G. A. Brischetto, S. Calabrese, D. Calvo, V. Capirossi, E.R. Chávez Lomeli, I. Ciraldo, G. De Gregorio, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, A. Gargano, A. Hacisalihoglu, F. Iazzi, L. La Fauci, R. Linares, J. Lubian, N. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, O. Sgouros, M.A.G da Silveira, S.O. Solakci, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 107 (2023) 024605. Doi: 10.1103/PhysRevC.107.024605
 8. Global approach for the reactions $^7\text{Be} + ^{28}\text{Si}$ and $^7\text{Be} + ^{208}\text{Pb}$ at near- and sub-barrier energies; O. Sgouros, V. Soukeras, K. Palli, A. Pakou; *Physical Review C* 106 (2022) 044612.
Doi: 10.1103/PhysRevC.106.044612
 9. Analysis of the one-neutron transfer reaction in $^{18}\text{O} + ^{76}\text{Se}$ collisions at 275 MeV

- I. Ciraldo, F. Cappuzzello, M. Cavallaro, D. Carbone, S. Burello, A. Spatafora, A. Gargano, G. De Gregorio, R.I. Magana Vsevolodovna, L. Acosta, C. Agodi, P. Amador-Venezuela, T. Borello-Lewin, G. A. Brischetto, S. Calabrese, D. Calvo, V. Capirossi, E.R. Chávez Lomeli, M. Colonna, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, A. Haciosalihoglu, F. Iazzi, L. La Fauci, R. Linares, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, E. Santopinto, O. Sgouros, M.A. Guazzelli, S.O. Solakci, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 105 (2022) 044607.
Doi: 10.1103/PhysRevC.105.044607
10. Identification of medium mass ($A=60-80$) ejectiles from 15 MeV/nucleon peripheral heavy-ion collisions with the MAGNEX large-acceptance spectrometer
G. A. Souliotis, S. Koulouris, F. Cappuzzello, D. Carbone, A. Pakou, C. Agodi, G. Brischetto, S. Calabrese, M. Cavallaro, I. Ciraldo, J. Klimo, O. Sgouros, V. Soukeras, A. Spatafora, D. Torresi, M. Veselsky; *Nuclear Inst. and Methods in Physics Research A* 1031 (2022) 166588.
Doi: 10.1016/j.nima.2022.166588
11. Reaction mechanisms of the weakly bound nuclei ${}^6,7\text{Li}$ and ${}^7,9\text{Be}$ on light targets at near barrier energies; A. Pakou, O. Sgouros, V. Soukeras, J. Casal, K. Rusek; *European Physical Journal A* 58 (2022) 8. [review article]
Doi: 10.1140/epja/s10050-021-00655-w
12. Coherent description of elastic scattering and fusion at near-barrier energies for the ${}^9\text{Be}+{}^{208}\text{Pb}$ and ${}^9\text{Be}+{}^{197}\text{Au}$ reactions, K. Palli, J. Casal, A. Pakou, *Phys. Rev. C* **105**, 064609 (2022).
13. Multichannel experimental and theoretical constraints for the $116\text{Cd}(20\text{Ne},20\text{F})116\text{In}$ charge exchange reaction at 306 MeV; S. Burello, S. Calabrese, F. Cappuzzello, D. Carbone, M. Cavallaro, M. Colonna, J.A. Lay, H. Lenske, C. Agodi, J.L. Ferreira, S. Firat, A. Haciosalihoglu, L. La Fauci, A. Spatafora, L. Acosta, J.I. Bellone, T. Borello-Lewin, I. Boztosun, G. A. Brischetto, D. Calvo, E.R. Chávez Lomeli, I. Ciraldo, M. Cutuli, F. Delaunay, P. Finocchiaro, M. Fisichella, A. Foti, F. Iazzi, G. Lanzalone, R. Linares, J. Lubian, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, O. Sgouros, S.O. Solakci, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 105 (2022) 024616.
Doi: 10.1103/PhysRevC.105.024616
14. Measurement of the double charge exchange reaction for the ${}^{20}\text{Ne} + {}^{130}\text{Te}$ system at 306 MeV; V. Soukeras, F. Cappuzzello, D. Carbone, M. Cavallaro, C. Agodi, L. Acosta, I. Boztosun, G.A. Brischetto, S. Calabrese, D. Calvo, E.R. Chávez Lomeli, I. Ciraldo, M. Cutuli, F. Delaunay, P. Finocchiaro, M. Fisichella, A. Foti, A. Haciosalihoglu, F. Iazzi, L. La Fauci, G. Lanzalone, R. Linares, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, O. Sgouros, S.O. Solakci, G. Souliotis, A. Spatafora, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Results in Physics* 28 (2021) 104691.

Doi: 10.1016/j.rinp.2021.104691

15. ^{18}O -induced single-nucleon transfer reactions on ^{40}Ca at 15.3A MeV within a multi-channel analysis
S. Calabrese, M. Cavallaro, D. Carbone, F. Cappuzzello, C. Agodi, S. Burello, G. De Gregorio, J.L. Ferreira, A. Gargano, O. Sgouros, L. Acosta, P. Amador-Velenzuela, J.I. Bellone, T. Borello-Lewin, G. A. Brischetto, D. Calvo, V. Capirossi, E.R. Chávez Lomeli, I. Ciraldo, M. Colonna, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, M. A. Guazzelli, A. Haciosalihoglu, F. Iazzi, L. La Fauci, J.A. Lay, R. Linares, J. Lubian, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, S.O. Solakci, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 104 (2021) 064609.
Doi: 10.1103/PhysRevC.104.064609
16. $^{18}\text{O}+^{76}\text{Se}$ elastic and inelastic scattering at 275 MeV
L. La Fauci, A. Spatafora, F. Cappuzzello, C. Agodi, D. Carbone, M. Cavallaro, J. Lubian, L. Acosta, P. Amador-Velenzuela, T. Borello-Lewin, G. A. Brischetto, S. Calabrese, D. Calvo, V. Capirossi, E.R. Chávez Lomeli, I. Ciraldo, M. Cutuli, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, M. A. Guazzelli, A. Haciosalihoglu, F. Iazzi, R. Linares, J. Ma, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, P.C. Ries, G. Russo, O. Sgouros, S.O. Solakci, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, J. Wang, Y. Yang, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 104 (2021) 054610.
Doi: 10.1103/PhysRevC.104.054610
17. One-proton transfer reaction for the $^{18}\text{O}+^{48}\text{Ti}$ system at 275 MeV
O. Sgouros, M. Cavallaro, F. Cappuzzello, D. Carbone, C. Agodi, A. Gargano, G. De Gregorio, C. Altana, G. A. Brischetto, S. Burrello, S. Calabrese, D. Calvo, V. Capirossi, E.R. Chávez Lomeli, I. Ciraldo, M. Cutuli, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, M. Fisichella, A. Foti, A. Haciosalihoglu, F. Iazzi, L. La Fauci, R. Linares, J. Lubian, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, F. Pinna, G. Russo, M.A. Guazzelli, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, A. Yildirim, V.A.B. Zagatto; *Physical Review C* 104 (2021) 034617.
Doi: 10.1103/PhysRevC.104.034617
18. Low energy proton induced reactions with weakly bound nuclei for application purposes; O. Sgouros, V. Soukeras, A. Pakou; *European Physical Journal A* 57 (2021) 125.
Doi: 10.1140/epja/s10050-021-00447-2
19. Global descriptions and decay rates for continuum excitation of weakly bound nuclei
A. Pakou, O. Sgouros, V. Soukeras, F. Cappuzzello; *European Physical Journal A* 57 (2021) 25. [review article]
Doi: 10.1140/epja/s10050-020-00338-y

20. Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The ${}^9\text{Be} + p$ case; A. Pakou, O. Sgouros, V. Soukeras, F. Cappuzzello, L. Acosta, C. Agodi, S. Calabrese, D. Carbone, M. Cavallaro, I. Martel, A.M. Sanchez-Benitez, G. Souliotis, A. Spatafora, D. Torresi; *Nuclear Physics A* 1008 (2021) 122155.
Doi: 10.1016/j.nuclphysa.2021.122155
21. A Constrained Analysis of the ${}^{40}\text{Ca}({}^{18}\text{O}, {}^{18}\text{F}){}^{40}\text{K}$ Direct Charge Exchange Reaction Mechanism at 275 MeV; M. Cavallaro, J.I. Bellone, S. Calabrese, C. Agodi, S. Burrello, F. Cappuzzello, D. Carbone, M. Colonna, N. Deshmukh, H. Lenske, A. Spatafora, L. Acosta, P. Amador – Venzuela, T. Borello – Lewin, G.A. Brischetto, D. Calvo, V. Capirossi, E. Chávez, I. Ciraldo, M. Cutuli, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, M.A. Guazzelli, A. Hacisalihoglu, F. Iazzi, L. La Fauci, R. Linares, J. Lubian, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, O. Sgouros, S.O. Solakcı, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagstto; *Frontiers in Astronomy and Space Science* 8 (2021) 659815.
Doi: 10.3389/fspas.2021.659815
22. Initial State Interaction for the ${}^{20}\text{Ne}+{}^{130}\text{Te}$ and ${}^{18}\text{O}+{}^{116}\text{Sn}$ Systems at 15.3A MeV from Elastic and Inelastic Scattering Measurements ; D. Carbone, R. Linares, P. Amador-Venezuela, S. Calabrese, F. Cappuzzello, M. Cavallaro, S. Firat, M. Fisichella, A. Spatafora, L. Acosta, C. Agodi, I. Boztosun, G.A. Brischetto, D. Calvo, E.R. Chávez Lomelí, I. Ciraldo, M. Cutuli, F. Delaunay, N. Deshmukh, P. Finocchiaro, A. Foti, A. Hacisalihoglu, F. Iazzi, L. La Fauci, G. Lanzalone, N.H. Medina, D. Mendes, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, G. Russo, O. Sgouros, S.O. Solakcı, V. Soukeras, G. Souliotis, D. Torresi, S. Tudisco, A. Yildirim, V.A.B. Zagatto; *Universe* 7 (2021) 58.
Doi: 10.3390/universe7030058
23. Global study of ${}^9\text{Be} + p$ at 2.72A MeV ; V. Soukeras, O. Sgouros, A. Pakou, F. Cappuzzello, J. Casal, C. Agodi, G.A. Brischetto, S. Calabrese, D. Carbone, M. Cavallaro, I. Ciraldo, I. Dimitropoulos, S. Koulouris, L. La Fauci, I. Martel, M. Rodriguez-Gallardo, A. M. Sanchez-Benitez, G. Souliotis, A. Spatafora, D. Torresi; *Physical Review C* 102 (2020) 064622.
Doi: 10.1103/PhysRevC.102.064622
24. Analysis of two-nucleon transfer reactions in the ${}^{20}\text{Ne} + {}^{116}\text{Cd}$ system at 306 MeV D. Carbone, J.L. Ferreira, S. Calabrese, F. Cappuzzello, M. Cavallaro, A. Hacisalihoglu, H. Lenske, J. Lubian, R.I. Magana Vsevolodovna, E. Santopinto, C. Agodi, L. Acosta, D. Bonanno, T. Borello-Lewin, I. Boztosun, G.A. Brischetto, S. Burrello, D. Calvo, E.R. Chávez Lomelí, I. Ciraldo, M. Colonna, F. Delaunay, N. Deshmukh, P. Finocchiaro, M. Fisichella, A. Foti, G. Gallo, F. Iazzi, L. La Fauci, G. Lanzalone, R. Linares, N.H. Medina, M. Morales, J.R.B. Oliveira, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, S. Reito, G. Russo, O. Sgouros, S.O. Solakcı, V. Soukeras, G. Souliotis, A. Spatafora, D. Torresi, S. Tudisco, A. Yildirim and V.A.B. Zagatto; *Physical Review C* 102 (2020) 044606.
Doi: 10.1103/PhysRevC.102.044606

25. Dominance of direct reaction channels at deep sub-barrier energies for weakly bound nuclei on heavy targets: The case ${}^8\text{B}+{}^{208}\text{Pb}$; A. Pakou, L. Acosta, P.D. O'Malley, S. Aguilar, E.F. Aguilera, M. Baines, D. Bardayan, F.D. Becchetti, Ch. Boomershine, M. Brodeur, F. Cappuzzello, S. Carmichael, L. Caves, E. Chavez, C. Flores-Vazquez, A. Gula, J.J. Kolata, B. Liu, D.J. Marin-Lambarri, F.F. Morales, K. Rusek, A.M. Sanchez-Benitez, O. Sgouros, V.R. Sharma, V. Soukeras, G. Souliotis; *Physical Review C* 102 (2020) 031601(R).
Doi: 10.1103/PhysRevC.102.031601
26. ${}^9\text{Be} + \text{p}$ breakup at 5.67A MeV in a full kinematics approach
A. Pakou, O. Sgouros, V. Soukeras, F. Cappuzzello, L. Acosta, C. Agodi, A. Boiano, S. Calabrese, D. Carbone, M. Cavallaro, N. N. Deshmukh, A. Foti, A. Haciosalihoglu, N. Keeley, M. La Commara, I. Martel, M. Mazzocco, A. Muoio, C. Parascandolo, D. Pierroutsakou, K. Rusek, A. M. Sanchez-Benitez, G. Santagati, G. Souliotis, A. Spatafora, E. Strano, D. Torresi, A. Trzcinska; *Physical Review C* 101 (2020) 024602.
Doi: 10.1103/PhysRevC.101.024602
27. Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (${}^{20}\text{Ne}$, ${}^{20}\text{O}$) Double Charge Exchange case
S. Calabrese, F. Cappuzzello, D. Carbone, M. Cavallaro, C. Agodi, D. Torresi, L. Acosta, D. Bonanno, D. Bongiovanni, T. Borello-Lewin, I. Boztosun, G.A. Brischetto, D. Calvo, I. Ciraldo, N. Deshmukh, P.N. de Faria, P. Finocchiaro, A. Foti, G. Gallo, A. Haciosalihoglu, F. Iazzi, R. Introzzi, L. La Fauci, G. Lanzalone, R. Linares, F. Longhitano, D. Lo Presti, N. Medina, A. Muoio, J.R.B. Oliveira, A. Pakou, L. Pandola, F. Pinna, S. Reito, G. Russo, G. Santagati, O. Sgouros, S.O. Solakci, V. Soukeras, G. Souliotis, A. Spatafora, S. Tudisco, V.A.B. Zagatto; *Nuclear Inst. and Methods in Physics Research A* 980 (2020) 164500.
Doi: 10.1016/j.nima.2020.164500
28. First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case
J.R.B. Oliveira, M. Morales, D. Flechas, D. Carbone, M. Cavallaro, D. Torresi, L. Acosta, C. Agodi, P. Amador-Venezuela, D. Bonanno, T. Borello-Lewin, G.A. Brischetto, S. Calabrese, D. Calvo, V. Capirossi, F. Cappuzzello, E.R. Chávez-Lomelí, I. Ciraldo, F. Delaunay, H. Djapo, C. Eke, P. Finocchiaro, S. Firat, M. Fisichella, A. Foti, G. Gallo, M.A. Guazzelli, A. Haciosalihoglu, F. Iazzi, R. Linares, D. Lo Presti, J. Ma, N.H. Medina, A. Pakou, L. Pandola, H. Petrascu, F. Pinna, S. Reito, P. Ries, G. Russo, O. Sgouros, S.O. Solakci, V. Soukeras, G. Souliotis, A. Spatafora, S. Tudisco, J.S. Wang, Y.Y. Yang, A. Yildirim, V.A.B. Zagatto; *European Physical Journal A* 56 (2020) 153.
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