

Aldric REVEL

Assistant Professor of Physics

Facility for Rare Isotope Beams

Department of Physics and Astronomy

Michigan State University

EDUCATION

- 2018** Ph.D. in Nuclear Physics at University of Caen Normandy (France),
Nuclear forces at the extremes.
- 2015** Master in Nuclear Physics, Particle Physics, Astrophysics and Cosmology,
Université Paris-Sud, Orsay, France.
Mention Très Bien (With Honors)
- 2013** Bachelor in Fundamental Physics,
Université Paris-Sud, Orsay, France.
Mention Très Bien (With Honors)
- 2010** School-Baccalauréat in Sciences,
Lycée Thomas Hélye, Cherbourg, France.
Mention Très Bien (With Honors)

POSITIONS

- Jul. 2023 -Present** **Assistant Professor of Physics**, Facility for Rare Isotope Beams,
Department of Physics and Astronomy, Michigan State University
- Dec. 2020 -Jul. 2023** **Researcher-Physicist**, Nuclear Physics Division of CEA/IRFU, Saclay, France
- Nov. 2018 -Nov. 2020** **Research Associate**, NSCL (MSU), East Lansing, USA
- Oct. 2015 -Oct. 2018** **Ph.D Student**, GANIL & LPC, Caen, France

GRANTS/FUNDINGS

- 2023** CEA-IRFU grant to support Gordon Research Seminar.
- 2020** Early Career Grant CEA

TEACHING AND MENTORING ROLES

2023 Supervision of undergraduate/graduate students
-present at FRIB, MSU.

2023 PHY 221, Michigan State University

2020 Supervision of graduate students
-2023 at CEA, Saclay, France.

2018 Mentoring of undergraduate/graduate students
-2020 at NSCL, East-Lansing, USA.

2017 Co-supervision of 2nd year Master students
-2018 at GANIL, Caen, France.

2016 Lectures, tutorials and laboratory works on Electrodynamics to 1st/2nd year bachelor students
-2017 at Université Caen Normandie, Caen, France.

Laboratory works on Nuclear Physics to 2nd year bachelor students
at Université Caen Normandie, Caen, France.

CONFERENCES, SEMINARS, WORKSHOPS, PUBLIC OUTREACH

- 2023** **WPCF**, Catania, Italy, Nov. 6-10.
Invited Talk : *Perspectives on neutron detection and multi-neutron correlations measurements at FRIB*
- 2023** **Workshop In-beam Spectroscopy**, Lyon, France, Jul. 21-23.
Talk : *Perspectives at FRIB*
- 2023** **Gordon Research Seminar**, New London (NH), USA, Jun. 10-11.
Co-chair
- 2023** **PhyNuBE Meeting**, Aussois, France, Mar. 30.
Talk : *Near Threshold $2n$ Clustering*
- 2022** **Fête de la science**, CEA.
Animation of activities illustrating nuclear physics research to general public
- 2022** **Junior Researcher Seminar**, Online, monthly.
Co-organizer
- 2021** **Fête de la science**, CEA.
Animation of activities illustrating nuclear physics research to general public
- 2021** **Junior Researcher Seminar**, Online, bi-weekly.
Co-organizer
- 2021** **Neutron-Unbound Systems Around the Dripline Workshop**, Online, Jul. 12-13.
Program Committee Member
- 2021** **ECT* Nuclear physics at the edge of stability**, Online, Jul. 1.
Talk : *Strongly correlated neutron pairs induced by deeply bound nucleon knockout*
- 2019** **Seminar**, given at National Superconducting Cyclotron Laboratory, East Lansing (MI), USA, Sep. 19.
Talk : *p - n interaction evolution toward the dripline in the fluorine isotopic chain*
- Gordon Research Seminar**, New London (NH), USA, Jun. 16.
Talk : *Exploring the south shore of the island of inversion in ^{28}F*
- 2018** **Nuclear Structure 2018 conference**, East-Lansing (MI), USA, Aug. 6.
Talk : *Exploring the p - n interaction close to the drip-line in the fluorine isotopic chain.*
- Few-Body Problems in Physics**, Caen, France, Jul. 9.
Talk : *Exploring the p - n interaction close to the drip-line in the fluorine isotopic chain.*
- 2017** **Colloque GANIL**, Amboise, France, Oct. 19.
Talk : *Neutron correlations in the continuum of core+ $4n$ systems.*
- Seminar**, given at Tokyo Institute of Technology, Tokyo, Japan, Oct. 11.
Talk : *Neutron correlations in the continuum of core+ $4n$ systems.*
- SAMURAI Collaboration Workshop**, Darmstadt, Germany, Aug. 10.
Talk : *Probing the p - n interactions in the ^{28}F at RIKEN.*
- ARIS Conference**, Keystone, USA, Jun. 1.
Talk : *Neutron correlations in the continuum of core+ $4n$ systems.*
- 2016** **R3B Collaboration Workshop**, Gatchina, Russia, Sep. 21.
Talk : *Studies of neutron correlations towards the continuum.*
- Russbach school on Nuclear Astrophysics**, Russbach, Austria, Mar. 11.
Talk : *Studies of neutron correlations towards the continuum.*
- Seminar**, given at GANIL, Caen, France, Jan. 12.
Talk : *Probing the n - n and p - n interactions in the continuum at GSI and RIKEN.*

PARTICIPATION IN EXPERIMENTS

- 2022** s509, R3B experiment at GSI,
Dripline phenomena in neutron-rich nuclei.
- 2022** s522, R3B experiment at GSI,
Short-range correlations in exotic nuclei.
- 2021** Experiment at Julich,
First FOOT experiment.
- 2020** e19034, GRETINA/S800 experiment at NSCL,
Shape coexistence along $N=Z$.
- 2020** e18007, GRETINA/S800 experiment at NSCL,
Measurement of Gamow-Teller strength distributions of the low-lying states in ^{59}Fe .
- 2019** e19015, GRETINA/S800/Triplex experiment at NSCL (spokesperson),
Isospin symmetry breaking at the proton dripline.
- e19005, GRETINA/S800/Triplex experiment at NSCL,
Electromagnetic responses of weakly-bound deformed nuclei.
- 2018** ACTAR TPC commissioning at GANIL.
- 2017** s034, SAMURAI/NeuLAND/MINOS experiment at RIKEN,
Many-neutron systems: search for superheavy ^7H and its tetraneutron decay.
- 2016** s036, SAMURAI/NeuLAND/MINOS experiment at RIKEN,
Search for ^{22}C (2^+), ^{21}B , ^{23}C and ^{25}N : Structure at and beyond the $N=16$ sub-shell closure (Part I).
- 2015** s021, SAMURAI/NeuLAND/MINOS experiment at RIKEN,
Spectroscopy of unbound oxygen isotopes II.

PUBLICATIONS

17 . *Nature* **620**, 965–970 (2023)

Y. Kondo, N. L. Achouri, H. Al Falou, L. Atar, T. Aumann, H. Baba, K. Boretzky, C. Caesar, D. Calvet, H. Chae, N. Chiga, A. Corsi, F. Delaunay, A. Delbart, Q. Deshayes, Zs. Dombrádi, C. A. Douma, A. Ekström, Z. Elekes, C. Forssén, I. Gašparić, J.-M. Gheller, J. Gibelin, A. Gillibert, G. Hagen, M. N. Harakeh, A. Hirayama, C. R. Hoffman, M. Holl, A. Horvat, Á. Horváth, J. W. Hwang, T. Isobe, W. G. Jiang, J. Kahlbow, N. Kalantar-Nayestanaki, S. Kawase, S. Kim, K. Kisamori, T. Kobayashi, D. Körper, S. Koyama, I. Kuti, V. Lapoux, S. Lindberg, F. M. Marqués, S. Masuoka, J. Mayer, K. Miki, T. Murakami, M. Najafi, T. Nakamura, K. Nakano, N. Nakatsuka, T. Nilsson, A. Obertelli, K. Ogata, F. de Oliveira Santos, N. A. Orr, H. Otsu, T. Otsuka, T. Ozaki, V. Panin, T. Papenbrock, S. Paschalis, **A. Revel**, D. Rossi, A. T. Saito, T. Y. Saito, M. Sasano, H. Sato, Y. Satou, H. Scheit, F. Schindler, P. Schrock, M. Shikata, N. Shimizu, Y. Shimizu, H. Simon, D. Sohler, O. Sorlin, L. Stuhl, Z. H. Sun, S. Takeuchi, M. Tanaka, M. Thoennessen, H. Törnqvist, Y. Togano, T. Tomai, J. Tscheuschner, J. Tsubota, N. Tsunoda, T. Uesaka, Y. Utsuno, I. Vernon, H. Wang, Z. Yang, M. Yasuda, K. Yoneda and S. Yoshida,

First observation of ^{28}O

16 . *Phys. Lett. B* **843**, 138038 (2023)

H. Wang, M. Yasuda, Y. Kondo, T. Nakamura, J.A. Tostevin, K. Ogata, T. Otsuka, A. Poves, N. Shimizu, K. Yoshida, N.L. Achouri, H. Al Falou, L. Atar, T. Aumann, H. Baba, K. Boretzky, C. Caesar, D. Calvet, H. Chae, N. Chiga, A. Corsi, H.L. Crawford, F. Delaunay, A. Delbart, Q. Deshayes, Zs. Dombrádi, C. Douma, Z. Elekes, P. Fallon, I. Gašparić, J.-M. Gheller, J. Gibelin, A. Gillibert, M.N.

Harakeh, A. Hirayama, C.R. Hoffman, M. Holl, A. Horvat, Á. Horváth, J.W. Hwang, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, S. Kawase, S. Kim, K. Kisamori, T. Kobayashi, D. Körper, S. Koyama, I. Kuti, V. Lapoux, S. Lindberg, F.M. Marqués, S. Masuoka, J. Mayer, K. Miki, T. Murakami, M.A. Najafi, K. Nakano, N. Nakatsuka, T. Nilsson, A. Obertelli, N.A. Orr, H. Otsu, T. Ozaki, V. Panin, S. Paschalis, **A. Revel**, D. Rossi, A.T. Saito, T. Saito, M. Sasano, H. Sato, Y. Satou, H. Scheit, F. Schindler, P. Schrock, M. Shikata, Y. Shimizu, H. Simon, D. Sohler, O. Sorlin, L. Stuhl, S. Takeuchi, M. Tanaka, M. Thoennessen, H. Törnqvist, Y. Togano, T. Tomai, J. Tscheuschner, J. Tsubota, T. Uesaka, Z. Yang, K. Yoneda,

Intruder configurations in ^{29}Ne at the transition into the island of inversion: Detailed structure study of ^{28}Ne

15 . Phys. Lett. B 838, 137704 (2023)

A. Revel, J. Wu, H. Iwasaki, J. Ash, D. Bazin, B. A. Brown, J. Chen, R. Elder, P. Farris, A. Gade, M. Grindler, N. Kobayashi, J. Li, B. Longfellow, T. Mijatović, J. Pereira, A. Poves, A. Sanchez, N. Shimizu, M. Spieker, Y. Utsuno, and D. Weisshaar,

Large collectivity in ^{29}Ne at the boundary of the island of inversion

14 . Nature 606, 7915 (2022)

M. Duer, T. Aumann, R. Gernhäuser, V. Panin, S. Paschalis, D. M. Rossi, N. L. Achouri, D. Ahn, H. Baba, C. A. Bertulani, M. Böhmer, K. Boretzky, C. Caesar, N. Chiga, A. Corsi, D. Cortina-Gil, C. A. Douma, F. Dufter, Z. Elekes, J. Feng, B. Fernández-Domínguez, U. Forsberg, N. Fukuda, I. Gasparic, Z. Ge, J. M. Gheller, J. Gibelin, A. Gillibert, K. I. Hahn, Z. Halász, M. N. Harakeh, A. Hirayama, M. Holl, N. Inabe, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, D. Kim, S. Kim, T. Kobayashi, Y. Kondo, D. Körper, P. Koseoglou, Y. Kubota, I. Kuti, P. J. Li, C. Lehr, S. Lindberg, Y. Liu, F. M. Marqués, S. Masuoka, M. Matsumoto, J. Mayer, K. Miki, B. Monteagudo, T. Nakamura, T. Nilsson, A. Obertelli, N. A. Orr, H. Otsu, S. Y. Park, M. Parlog, P. M. Potlog, S. Reichert, **A. Revel**, A. T. Saito, M. Sasano, H. Scheit, F. Schindler, S. Shimoura, H. Simon, L. Stuhl, H. Suzuki, D. Symochko, H. Takeda, J. Tanaka, Y. Togano, T. Tomai, H. T. Törnqvist, J. Tscheuschner, T. Uesaka, V. Wagner, H. Yamada, B. Yang, L. Yang, Z. H. Yang, M. Yasuda, K. Yoneda, L. Zanetti, J. Zenihiro and M. V. Zhukov ,

Observation of a correlated free four-neutron system

13 . Phys. Rev. C 105, 034301 (2022)

M. Holl, S. Lindberg, A. Heinz, Y. Kondo, T. Nakamura, J. A. Tostevin, H. Wang, T. Nilsson, N. L. Achouri, H. Al Falou, L. Atar, T. Aumann, H. Baba, K. Boretzky, C. Caesar, D. Calvet, H. Chae, N. Chiga, A. Corsi, H. L. Crawford, F. Delaunay, A. Delbart, Q. Deshayes, P. Díaz Fernández, Z. Dombárdi, C. A. Douma, Z. Elekes, P. Fallon, I. Gašparić, J.-M. Gheller, J. Gibelin, A. Gillibert, M. N. Harakeh, A. Hirayama, C. R. Hoffman, A. Horvat, Á. Horváth, J. W. Hwang, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, S. Kawase, S. Kim, K. Kisamori, T. Kobayashi, D. Körper, S. Koyama, I. Kuti, V. Lapoux, F. M. Marqués, S. Masuoka, J. Mayer, K. Miki, T. Murakami, M. Najafi, K. Nakano, N. Nakatsuka, A. Obertelli, F. de Oliveira Santos, N. A. Orr, H. Otsu, T. Ozaki, V. Panin, S. Paschalis, **A. Revel**, D. Rossi, A. T. Saito, T. Y. Saito, M. Sasano, H. Sato, Y. Satou, H. Scheit, F. Schindler, P. Schrock, M. Shikata, Y. Shimizu, H. Simon, D. Sohler, O. Sorlin, L. Stuhl, S. Takeuchi, M. Tanaka, M. Thoennessen, H. Törnqvist, Y. Togano, T. Tomai, J. Tscheuschner, J. Tsubota, T. Uesaka, Z. Yang, M. Yasuda, and K. Yoneda,

Border of the island of inversion: Unbound states in ^{29}Ne

12 . Few Body Syst. 62, 102 (2021)

S. W. Huang, Z. H. Yang, F. M. Marqués, N. L. Achouri, D. S. Ahn, T. Aumann, H. Baba, D. Beaumel, M. Böhmer, K. Boretzky, M. Caamaño, S. Chen, N. Chiga, M. L. Cortés, D. Cortina, P. Doornenbal, C. A. Douma, F. Dufter, J. Feng, B. Fernández-Domínguez, Z. Elekes, U. Forsberg, T. Fujino, N. Fukuda, I. Gašparić, Z. Ge, R. Gernhäuser, J. M. Gheller, J. Gibelin, A. Gillibert, Z. Halász, T. Harada, M. N. Harakeh, A. Hirayama, N. Inabe, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, D. Kim, S. Kim, S. Kiyotake, T. Kobayashi, Y. Kondo, P. Koseoglou, Y. Kubota, I. Kuti, C. Lehr, C. Lenain, P. J. Li, Y. Liu, Y. Maeda, S. Masuoka, M. Matsumoto, A. Matta, J. Mayer, H. Miki, M. Miwa, B. Monteagudo, I. Murray, T. Nakamura, A. Obertelli, N. A. Orr, H. Otsu, V. Panin, S. Park, M. Parlog, S. Paschalis, M. Potlog, S. Reichert, **A. Revel**, D. Rossi, A. Saito, M. Sasano, H. Sato, H. Scheit, F. Schindler, T. Shimada, Y. Shimizu, S. Shimoura, H. Simon, I. Stefan, S. Storck, L. Stuhl, H. Suzuki, D. Symochko, H. Takeda, S. Takeuchi, J. Tanaka, Y. Togano, T. Tomai, H. T. Törnqvist, E. Tronchin, J. Tscheuschner, T. Uesaka, V. Wagner, K. Wimmer, H. Yamada, B. Yang, L. Yang, Y.

Yasuda, K. Yoneda, L. Zanetti and J. Zenihiro,

Experimental Study of $4n$ by Directly Detecting the Decay Neutrons.

11 . *Phys. Rev. C* **104**, 024307 (2021)

R. Elder, H. Iwasaki, J. Ash, D. Bazin, P. C. Bender, T. Braunroth, C. M. Campbell, H. L. Crawford, B. Elman, A. Gade, M. Grindler, N. Kobayashi, B. Longfellow, T. Mijatović, J. Pereira, **A. Revel**, D. Rhodes, and D. Weisshaar,

Lifetime measurements probing collectivity in the ground-state band of ^{32}Mg .

10 . *Phys. Rev. C* **104**, 014305 (2021)

A.M. Hill, A. Gade, D. Bazin, B.A. Brown, B. Elman, P. Farris, J. Li, B. Longfellow, J. Pereira, **A. Revel**, D. Rhodes, M. Spieker, D. Weisshaar,

In-beam γ -ray spectroscopy of $^{37-42}\text{P}$.

9 . *Phys. Rev. C* **103**, 051302 (2021),

J. Ash, H. Iwasaki, T. Mijatović, T. Budner, R. Elder, B. Elman, M. Friedman, A. Gade, M. Grindler, J. Henderson, B. Longfellow, **A. Revel**, D. Rhodes, M. Spieker, Y. Utsuno, D. Weisshaar, and C. Y. Wu, *Cross-shell excitations in ^{46}Ca studied with fusion reactions induced by a reaccelerated rare isotope beam.*

8 . *Phys. Rev. Lett.* **126**, 152701 (2021),

B. Gao, S. Giraud, K. A. Li, A. Sieverding, R. G. T. Zegers, X. Tang, J. Ash, Y. Ayyad-Limonge, D. Bazin, S. Biswas, B. A. Brown, J. Chen, M. DeNudt, P. Farris, J. M. Gabler, A. Gade, T. Ginter, M. Grindler, A. Heger, C. Hultquist, A. M. Hill, H. Iwasaki, E. Kwan, J. Li, B. Longfellow, C. Maher, F. Ndayisabye, S. Noji, J. Pereira, C. Qi, J. Rebenstock, **A. Revel**, D. Rhodes, A. Sanchez, J. Schmitt, C. Sumithrarachchi, B. H. Sun, and D. Weisshaar,

New ^{59}Fe Stellar Decay Rate with Implications for the ^{60}Fe Radioactivity in Massive Stars.

7 . *Phys. Rev. Lett.* **124**, 152502 (2020),

A. Revel, O. Sorlin, F.M. Marqués, Y. Kondo, J. Kahlbow, T. Nakamura, N.A. Orr, F. Nowacki, J.A. Tostevin, C.X. Yuan, N.L. Achouri, H. Al Falou, L. Atar, T. Aumann, H. Baba, K. Boretzky, C. Caesar, D. Calvet, H. Chae, N. Chiga, A. Corsi, H.L. Crawford, F. Delaunay, A. Delbart, Q. Deshayes, Z. Dombrádi, C.A. Douma, Z. Elekes, P. Fallon, I. Gašparić, J.-M. Gheller, J. Gibelin, A. Gillibert, M.N. Harakeh, W. He, A. Hirayama, C.R. Hoffman, M. Holl, A. Horvat, Á. Horváth, J.W. Hwang, T. Isobe, N. Kalantar-Nayestanaki, S. Kawase, S. Kim, K. Kisamori, T. Kobayashi, D. Körper, S. Koyama, I. Kuti, V. Lapoux, S. Lindberg, S. Masuoka, J. Mayer, K. Miki, T. Murakami, M. Najafi, K. Nakano, N. Nakatsuka, T. Nilsson, A. Obertelli, F. de Oliveira Santos, H. Otsu, T. Ozaki, V. Panin, S. Paschalis, D. Rossi, A.T. Saito, T. Saito, M. Sasano, H. Sato, Y. Satou, H. Scheit, F. Schindler, P. Schrock, M. Shikata, Y. Shimizu, H. Simon, D. Sohler, L. Stuhl, S. Takeuchi, M. Tanaka, M. Thoennessen, H. Törnqvist, Y. Togano, T. Tomai, J. Tscheuschner, J. Tsubota, T. Uesaka, Z. Yang, M. Yasuda, K. Yoneda,

Extending the Southern Shore of the Island of Inversion to ^{28}F .

6 . *J. Phys. Conf. Ser.* **1643**, 012090 (2020),

S. W. Huang, H. Yang, F. M. Marqués, N. L. Achouri, D.S. Ahn, T. Aumann, H. Baba, D. Beaumel, M. Böhmer, K. Boretzky, M. Caamaño, S. Chen, N. Chiga, M.L. Cortés, D. Cortina, P. Doornenbal, C. A. Douma, F. Dufter, J. Feng, B. Fernández-Domínguez, Z. Elekes, U. Forsberg, T. Fujino, N. Fukuda, I. Gašparić, Z. Ge, R. Gernhäuser, J. M. Gheller, J. Gibelin, A. Gillibert, B. M. Godoy, Z. Halász, T. Harada, M. N. Harakeh, A. Hirayama, N. Inabe, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, D. Kim, S. Kim, M. A. Knösel, T. Kobayashi, Y. Kondo, P. Koseoglou, Y. Kubota, I. Kuti, C. Lehr, P. J. Li, Y. Liu, Y. Maeda, S. Masuoka, M. Matsumoto, J. Mayer, H. Miki, M. Miwa, I. Murray, T. Nakamura, A. Obertelli, N. Orr, H. Otsu, V. Panin, S. Park, M. Parlog, S. Paschalis, M. Potlog, S. Reichert, **A. Revel**, D. Rossi, A. Saito, M. Sasano, H. Sato, H. Scheit, F. Schindler, T. Shimada, Y. Shimizu, S. Shimoura, I. Stefan, S. Storck, L. Stuhl, H. Suzuki, D. Symochko, H. Takeda, S. Takeuchi, J. Tanaka, Y. Togano, T. Tomai, H. T. Törnqvist, J. Tscheuschner, T. Uesaka, V. Wagner, K. Wimmer, H. Yamada, B. Yang, L. Yang, Y. Yasuda, K. Yoneda, L. Zanetti, J. Zenihiro, T. Elidiano and C. Lenain,

Experimental study of $4n$ with $^8\text{He}(p,2p)$ reaction.

5 . *Phys. Lett.* **809**,135748 (2020),

I. Syndikus, M. Petri, A.O. Macchiavelli, S. Paschalis, C.A. Bertulani, T. Aumann, H. Alvarez-Pol, L. Atar, S. Beceiro-Novo, J. Benlliure, J.M. Boillos, K. Boretzky, M.J.G. Borge, B.A. Brown, M.

Caamaño, C. Caesar, E. Casarejos, W. Catford, J. Cederkall, S. Chakrabortya, L.V. Chulkov, D. Cortina-Gil, E. Cravo, R. Crespo, U. Datta Pramanika, I. Dillmann, P. Díaz Fernández, Z. Elekes, J. Enders, F. Farinon, L.M. Fraile, D. Galaviz, H. Geissel, R. Gernhäuser, P. Golubev, K. Göbel, M. Heil, M. Heine, A. Heinz, A. Henriques, M. Holl, H.T. Johansson, B. Jonson, N. Kalantar-Nayestanakia, R. Kanungo, A. Kelic-Heil, T. Kröll, N. Kurz, C. Langer, T. Le Bleis, J. Machado, J. Marganiec-Gałażka, E. Nacher, T. Nilsson, C. Nociforo, V. Panin, A. Perea, S.B. Pietri, R. Plag, A. Rahamana, R. Reifarh, **A. Revel**, G. Ribeiro, C. Rigollet, D.M. Rossi, D. Savran, H. Scheit, H. Simon, O. Sorlin, O. Tengblad, Y. Togano, M. Vandebrouck, V. Volkov, F. Wamers, C. Wheldon, G.L. Wilson, J.S. Winfield, H. Weick, P. Woods, D. Yakorev, M. Zhukov, A. Zilges, K. Zuber,

Probing the Z=6 spin-orbit shell gap with (p,2p) quasi-free scattering reactions.

4 . Springer Proc. Phys. **238**, 529-534 (2020),

Z.H. Yang, F.M. Marqués, N.L. Achouri, D.S. Ahn, T. Aumann, H. Baba, D. Beaumel, M. Böhmer, K. Boretzky, M. Caamaño, S. Chen, N. Chiga, M.L. Cortés, D. Cortina, P. Doornenbal, C.A. Douma, F. Dufter, J. Feng, B. Fernández-Domínguez, Z. Elekes, U. Forsberg, T. Fujino, N. Fukuda, I. Gašparić, Z. Ge, R. Gernhäuser, J.M. Gheller, J. Gibelin, A. Gillibert, B.M. Godoy, Z. Halász, T. Harada, M.N. Harakeh, A. Hirayama, S.W. Huang, N. Inabe, T. Isobe, J. Kahlbow, N. Kalantar-Nayestanaki, D. Kim, S. Kim, M.A. Knösel, T. Kobayashi, Y. Kondo, P. Koseoglou, Y. Kubota, I. Kuti, C. Lehr, P.J. Li, Y. Liu, Y. Maeda, S. Masuoka, M. Matsumoto, J. Mayer, H. Miki, M. Miwa, I. Murray, T. Nakamura, A. Obertelli, N. Orr, H. Otsu, V. Panin, S. Park, M. Parlog, S. Paschalis, M. Potlog, S. Reichert, **A. Revel**, D. Rossi, A. Saito, M. Sasano, H. Sato, H. Scheit, F. Schindler, T. Shimada, Y. Shimizu, S. Shimoura, I. Stefan, S. Storck, L. Stuhl, H. Suzuki, D. Symochko, H. Takeda, S. Takeuchi, J. Tanaka, Y. Togano, T. Tomai, H.T. Törnqvist, J. Tscheuschner, T. Uesaka, V. Wagner, K. Wimmer, H. Yamada, B. Yang, L. Yang, Y. Yasuda, K. Yoneda, L. Zanetti, J. Zenihiro,

Study of multi-neutron systems with SAMURAI spectrometer.

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