

Dr. Rituparna Kanungo

List of Invited Review Articles

1. Recent Progress in Halo Studies
I. Tanihata, H. Savajols, R. Kanungo
Progress in Particle and Nuclear Physics, 68 (2013) 215.
2. IRIS: The ISAC charged particle reaction spectroscopy facility for reaccelerated high-energy ISOL beams
R. Kanungo
Hyperfine Interactions (2013) DOI : 10.1007/s10751-013-0904-8 .
3. Study of (p,t) reactions in halo nuclei with inverse kinematics and active targets
R. Kanungo and I. Tanihata
50 Years of Nuclear BCS, World Scientific, 2013, Chapter 28, p. 379.
4. A new view of nuclear shells
R. Kanungo
Proceedings, Nobel Symposium (NS-152) on Physics with Radioactive Beams
Physics Scripta, T152 (2013) 014002
5. Physics with reaccelerated radioactive beams at TRIUMF-ISAC
G.C. Ball, L. Buchmann, B. Davids, R. Kanungo, C. Ruiz, C.E. Svensson
Journal of Physics G : Nuclear and Particle Physics 38 (2011) 024003.

List of Publications in international refereed journals

1. *Proton inelastic scattering reveals deformation in ^8He [*]*
M. Holl, R. Kanungo, Z.H. Sun, G. Hagen, J.A. Lay, A.M. Moro, P. Navratil, T. Papenbrock, M. Alcorta, D. Connolly, B. Davids, A. Diaz Varela, M. Gennari, G. Hackman, J. Henderson, S. Ishimoto, A.I. Kilic, R. Krücken, A. Lennarz, J. Liang, J. Measures, W. Mittig, O. Paetkau, A. Psaltis, S. Quaglioni, J.S. Randhawa, J. Smallcombe, I.J. Thompson, M. Vorabbi, M. Williams
Physics Letters B 822 (2021) 136710.
2. *First direct measurement of $^{59}\text{Cu}(p,\alpha)^{56}\text{Ni}$: a step towards constraining the Ni-Cu cycle in the cosmos*
J.S. Randhawa, R. Kanungo, J. Refsgaard, P. Mohr, T. Ahn, M. Alcorta, C. Andreoiu, S.S. Bhattacharjee, B. Davids, G. Christian, A.A. Chen, R. Coleman, P.E. Garrett, G.F. Grinyer, E. Gyabeng Fuakye, G. Hackman, J. Hollett, R. Jain, K. Kapoor, R. Krücken, A. Laffoley, A. Lennarz, J. Liang, Z. Meisel, B. Nikhil, A. Psaltis, S. Upadhyayula, C. Waterfield, J. Williams, M. Williams
Physical Review C Letters 104 (2021) L042801.

3. *Two-Neutron Halo is Unveiled in ^{29}F [*]*
S.Bagchi, R.Kanungo, Y.K.Tanaka, H.Geissel, P.Doornenbal, W.Horiuchi, G.Hagen, T.Suzuki, N.Tsunoda, D.S.Ahn, H.Baba, K.Behr, F.Browne, S.Chen, M.L.Cortes, A.Estrade, N.Fukuda, M.Holl, K.Itahashi, N.Iwasa, G.R.Jansen, W.G.Jiang, S.Kaur, A.O.Macchiavelli, S.Y.Matsumoto, S.S.Momiyama, I.Murray, T.Nakamura, S.J.Novario, H.J.Ong, T.Otsuka, T.Papenbrock, S.Paschalis, A.Prochazka, C.Scheidenberger, P.Schrock, Y.Shimizu, D.Steppenbeck, H.Sakurai, D.Suzuki, H.Suzuki, M.Takechi, H.Takeda, S.Takeuchi, R.Taniuchi, K.Wimmer, K.Yoshida
 Physical Review Letters 124 (2020) 222504.

4. *Single-particle structure in neutron-rich Sr isotopes approaching the N=60 shape transition*
S.Cruz, K.Wimmer, S.S.Bhattacharjee, P.C.Bender, G.Hackman, R.Krucken, F.Ames, C.Andreoiu, R.A.E.Austin, C.S.Bancroft, R.Braid, T.Bruhn, W.N.Catford, A.Cheeseman, A.Chester, D.S.Cross, C.Aa.Diget, T.Drake, A.B.Garnsworthy, R.Kanungo, A.Knapton, W.Korten, K.Kuhn, J.Lassen, R.Laxdal, M.Marchetto, A.Matta, D.Miller, M.Moukaddam, N.A.Orr, N.Sachmpazidi, A.Sanetullaev, C.E.Svensson, N.Terpstra, C.Unsworth, P.J.Voss
 Physical Review C 102 (2020) 024335.

5. *Probing the Z=6 spin-orbit shell gap with (p, 2p) quasi-free scattering reactions*
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.Caamano, C.Caesar, E.Casarejos, W.Catford, J.Cederkall, S.Chakraborty, L.V.Chulkov, D.Cortina-Gil, E.Cravo, R.Crespo, U.Datta Pramanik, I.Dillmann, P.Diaz Fernandez, Z.Elekes, J.Enders, F.Farinon, L.M.Fraile, D.Galaviz, H.Geissel, R.Gernhauser, P.Golubev, K.Gobel, M.Heil, M.Heine, A.Heinz, A.Henriques, M.Holl, H.T.Johansson, B.Jonson, N.Kalantar-Nayestanaki, R.Kanungo, A.Kelic-Heil, T.Kroll, N.Kurz, C.Langer, T.Le Bleis, J.Machado, J.Marganec-Galazka, E.Nacher, T.Nilsson, C.Nociforo, V.Panin, A.Perea, S.B.Pietri, R.Plug, A.Rahaman, R.Reifarth, 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
 Physics Letters B 809 (2020) 135748.

6. *Neutron Skin and signature of the N = 14 shell gap found from measured proton radii of $^{17-22}\text{N}$ [*]*
S. Bagchi, R. Kanungo, W. Horiuchi, G. Hagen, T.D. Morris, S.R. Stroberg, T. Suzuki, F. Ameil, J. Atkinson, Y. Ayyad, D. Cortina-Gil, I. Dillmann, A. Estradé, A. Evdokimov, F. Farinon, H. Geissel, G. Guastalla, R. Janik, S. Kaur, R. Knöbel, J. Kurcewicz, Yu.A. Litvinov, M. Marta, M. Mostazo, I. Mukha, C. Nociforo, H.J. Ong, S. Pietri, A. Prochazka, C. Scheidenberger, B. Sitar, P. Strmen, M. Takechi, J. Tanaka, Y. Tanaka, I. Tanihata, S. Terashima, J. Vargas, H. Weick, J.S. Winfield
 Physics Letters B 790 (2019) 251.

7. *Quasi-free neutron and proton knockout reactions from light nuclei in a wide neutron-to-proton asymmetry range*
M.Holl, V.Panin, H.Alvarez-Pol, L.Atar, T.Aumann, S.Beceiro Novo, J.Benlliure, C.A.Bertulani, J.M.Boillos, K.Boretzky, M.Caamano, C.Caesar, E.Casarejos, W.Catford, J.Cederkall, L.Chulkov,

D.Cortina-Gil, E.Cravo, I.Dillmann, P.Diaz Fernandez, Z.Elekes, J.Enders, L.M.Fraile, D.Galaviz-Redondo, R.Gernhauser, P.Golubev, T.Heftrich, M.Heil, M.Heine, A.Heinz, A.Henriques, H.T.Johansson, B.Jonson, N.Kalantar-Nayestanaki, R.Kanungo, A.Kelic-Heil, T.Kroll, N.Kurz, C.Langer, T.Le Bleis, S.Lindberg, J.Machado, E.Nacher, M.A.Najafi, T.Nilsson, C.Nociforo, S.Paschalis, M.Petri, R.Reifarth, G.Ribeiro, C.Rigollet, D.M.Rossi, D.Savran, H.Scheit, H.Simon, O.Sorlin, I.Syndikus, O.Tengblad, Y.Togano, M.Vandebrouck, P.Velho, F.Wamers, H.Weick, C.Wheldon, G.L.Wilson, J.S.Winfield, P.Woods, M.Zhukov, K.Zuber
Physcial Review C 99 (2019) 021301R (Rapid Communication).

8. Observation of excited states in ^{20}Mg sheds light on nuclear forces and shell evolution [*]
J. S. Randhawa, R. Kanungo, M. Holl, J. D. Holt, P. Navrátil, S. R. Stroberg, G. Hagen, G. R. Jansen, M. Alcorta, C. Andreoiu, C. Barnes, C. Burbadge, D. Burke, A. A. Chen, A. Chester, G. Christian, S. Cruz, B. Davids, J. Even, G. Hackman, J. Henderson, S. Ishimoto, P. Jassal, S. Kaur, M. Keefe, D. Kisliuk, R. Krücken, J. Liang, J. Lighthall, E. McGee, J. Measures, M. Moukaddam, E. Padilla-Rodal, A. Shotter, I. J. Thompson, J. Turko, M. Williams, and O. Workman
Physcial Review C 99 (2019) 021301R (Rapid Communication) .

9. Neutron Skin and signature of the $N = 14$ shell gap found from measured proton radii of $^{17-22}\text{N}$
H.L.Crawford, P.Fallon, A.O.Macchiavelli, P.Doornenbal, N.Aoi, F.Browne, C.M.Campbell, S.Chen, R.M.Clark, M.L.Cortes, M.Cromaz, E.Ideguchi, M.D.Jones, R.Kanungo, M.MacCormick, S.Momiyama, I.Murray, M.Niikura, S.Paschalis, M.Petri, H.Sakurai, M.Salathe, P.Schrock, D.Steppenbeck, S.Takeuchi, Y.K.Tanaka, R.Taniuchi, H.Wang, K.Wimmer
Physics Review Letters 122 (2019) 052501 .

10. Shape coexistence and mixing of low-lying 0^+ states in ^{96}Sr
S. Cruz, P.C. Bender, R. Krücken, K.Wimmer, F. Ames, C. Andreoiu, R.A.E. Austin, C.S. Bancrft, R. Braid, T. Bruhn, W.N. Catford, A. Cheeseman, A. Chester, D.S. Cross, C.Aa., Diget, T. Drake, A.B. Garnsworthy, G. Hackman, R. Kanungo, A. Knapton, W. Korten, K. Kuhn, J. Lassen, R. Laxdal, M. Marchetto, A. Matta, D. Miller, M. Moukaddam, N.A. Orr, N. Sachmpazidi, A. Sanetullaev, C.E. Svensson, N. Terpstra, C. Unsworth, P.J. Voss
Physics Letters B 786 (2018) 94 .

11. Structure of ^{13}Be studied in proton knockout from ^{14}B
G. Ribeiro et al. and the R3B collaboration including R. Kanungo
Physical Review C 98 (2018) 024603(Rapid Communication).

12. Evidence for prevelant $Z = 6$ magic number in neutorn-rich carbon isotopes
D.T. Tran, H.J. Ong, G. Hagen, T.D. Morris, N. Aoi, T. Suzuki, Y. Kanada-En'yo, L.S. Geng, S. Terashima, I. Tanihata, T. T. Nguyen, Y. Ayyad, P.Y. Chan, M. Fukuda, H. Geissel, M.N. Harakeh, T. Hashimoto, T.H. Hoang, E. Ideguchi, A. Inoue, G.R. Jansen, R. Kanungo, T. Kawabata, L.H. Khiem, W.P. Lim, K. Matsuta, M. Mihara, S. Momota, D. Nagae, N.D. Nguyen, D. Nishimura, T. Otsuka, A. Ozawa, P.P. Ren, H. Sakaguchi, C. Scheidenberger, J. Tanaka, M. Takechi, R. Wada, I. Yamamoto
Nature Communications 9 (2018) 1594.

13. Strong neutron pairing in core + $4n$ nuclei

A. Revel et al. and the R3B collaboration including R. Kanungo
Physical Review Letters 120 (2018) 152504.

14. Quasifree (p,2p) reactions on oxygen isotopes : observation of isospin independence of the reduced single-particle strength
L. Atar et al. and the R3B collaboration including R. Kanungo
Physical Review Letters 120 (2018) 052501.

15. Quasifree (p,pN) scattering of light neutron-rich nuclei near $N = 14$
P. Díaz Fernández et al. and the R3B collaboration including R. Kanungo
Physical Review C 97 (2018) 024311.

16. Missing-mass spectroscopy of the $^{12}\text{C}(p,d)$ reaction near the η' -meson production threshold
Y.K. Tanaka et al. and the η' -SuperFRS collaboration including R. Kanungo
Physical Review C 97 (2018) 015202.

17. The nuclear force imprints revealed on the elastic scattering of protons with ^{10}C [*]
A. Kumar, R. Kanungo, A. Calci, P. Navrátil, A. Sanetullaev, M. Alcorta, V. Bildstein, G. Christian, B. Davids, J. Dohet-Eraly, J. Fallis, A. T. Gallant, G. Hackman, B. Hadinia, G. Hupin, S. Ishimoto, R. Krücken, A. T. Laffoley, J. Lighthall, D. Miller, S. Quaglioni, J.S. Randhawa, E. T. Rand, A. Rojas, R. Roth, A. Shotter, J. Tanaka, I. Tanihata, C. Unsworth
Physical Review Letters 118 (2017) 262502.

18. Halo-induced large enhancement of soft dipole excitation of ^{11}Li observed via proton inelastic scattering
J. Tanaka, R. Kanungo, M. Alcorta, N. Aoi, H. Bidaman, C. Burbadge, G. Christian, S. Cruz, B. Davids, A. Diaz Varela, J. Even, G. Hackman, M.N. Harakeh, J. Henderson, S. Ishimoto, S. Kaur, M. Keefe, R. Krucken, K.G. Leach, J. Lighthall, E. Padilla-Rodal, J.S. Randhawa, P. Ruotsalainen, A. Sanetullaev, J.K. Smith, O. Workman, I. Tanihata
Physics Letters B 774 (2017) 268.

19. Effective proton-neutron interaction near the drip line from unbound states in $^{25,26}\text{F}$
M. Vandebrouck et al. and the R3B collaboration including R. Kanungo
Physical Review C 96 (2017) 054305.

20. Study of β^- decay of $^{116\text{m}}\text{In}$: A new interpretation of low lying 0^+ states in ^{116}Sn
J.L.Pore, D.S.Cross, C.Andreoiu, R.Ashley, G.C.Ball, P.C.Bender, A.S.Chester, A.Diaz Varela, G.A.Demand, R.Dunlop, A.B.Garnsworthy, P.E.Garrett, G.Hackman, B.Hadinia, B.Jigmeddorj, A.T.Laffoley, A.Liblong, R. Kanungo, B.Noakes, C.M.Petrache, M.M.Rajabali, K.Starosta, C.E.Svensson, P.J.Voss, Z.M.Wang, J.L.Wood, S.W.Yates
Eur. Phys. Jour. A 53 (2017) 27.

21. Conversion electron spectroscopy and gamma-gamma angular correlation measurements in ^{116}Sn

- D.S.Cross, J.L.Pore, C.Andreoiu, G.C.Ball, P.C.Bender, A.S.Chester, R. Churchman, G.A.Demand, A.Diaz Varela, R.Dunlop, A.B.Garnsworthy, P.E.Garrett, G.Hackman, B.Hadinia, B.Jigmeddorj, A.T.Laffoley, A.Liblong, R.Kanungo, D.T. Miller, B.Noakes, C.M.Petrache, K.Starosta, C.E.Svensson, P.Voss, Z.M.Wang, J.M. Wilson, J.L.Wood, S.W.Yates*
Eur. Phys. Jour. A 53 (2017) 216.
22. Investigation of the ^{10}Li shell inversion by neutron continuum transfer reaction
M. Cavallaro, M. De Napoli, F. Cappuzzello, S.E.A. Orrigo, C. Agodi, M. Bondi, D. Carbone, A Cunsolo, B. Davids, T. Davinson, A. Foti, N. Galinski, R.Kanungo, H. Lenske, C. Ruiz, A. Sanetullaev
Physical Review Letters 118 (2017) 012701.
23. Proton Distribution Radii of $^{12-19}\text{C}$ illuminate features of neutron halos [*]
R.Kanungo, W.Horiuchi, G.Hagen, G.R.Jansen, P.Navratil, F.Ameil, J.Atkinson, Y.Ayyad, D.Cortina-Gil, I.Dillmann, A.Estrade, A.Evdokimov, F.Farinon, H.Geissel, G.Guastalla, R.Janik, M.Kimura, R.Knobel, J.Kurcewicz, Yu.A.Litvinov, M.Marta, M.Mostazo, I.Mukha, C.Nociforo, H.J.Ong, S.Pietri, A.Prochazka, C.Scheidenberger, B.Sitar, P.Strmen, Y.Suzuki, M.Takechi, J.Tanaka, I.Tanihata, S.Terashima, J.Vargas, H.Weick, J.S.Winfield
Physical Review Letters 117 (2016) 102501.
24. Investigation of the role of ^{10}Li resonances in the halo structure of ^{11}Li through the $^{11}\text{Li}(p,d)^{10}\text{Li}$ transfer reaction [*]
A. Sanetullaev R. Kanungo, J. Tanaka, M. Alcorta, C. Andreoiu, P. Bender, A. A. Chen, G. Christian, B. Davids, J. Fallis, J. P. Fortin, N. Galinski, A. T. Gallant, P. E. Garrett, G. Hackman, B. Hadinia, S. Ishimoto, M. Keefe, R Krücken, J. Lighthall, E. McNeice, D. Miller, T. Otsuka, J. Purcell, J. S. Randhawa, T. Roger, A. Rojas, H. Savajols, A. Shotter, I. Tanihata, I. J. Thompson, C. Unsworth, P. Voss, and Z. Wang
Physics Letters B 755 (2016) 481.
25. Observation of large enhancements of charge exchange cross sections with neutron-rich carbon isotopes [*]
I. Tanihata, S. Terashima, R. Kanungo, F. Ameil, J. Atkinson, Y. Ayyad, D. Cortina-Gil, I. Dillmann, A. Estradé, A. Evdokimov, F. Farinon, H. Geissel, G. Guastalla, R. Janik, R. Knoebel, J. Kurcewicz, Yu. A. Litvinov, M. Marta, M. Mostazo, I. Mukha, C. Nociforo, H. J. Ong, S. Pietri, A. Prochazka, C. Scheidenberger, B. Sitar, P. Strmen, M. Takechi, J. Tanaka, H. Toki, J. Vargas, J. S. Winfield, and H. Weick
Prog. Theor. Exp. Phys. 2016(4) (2016) 043D05.
26. Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes
R. Thies, A. Heinz, T. Adachi, Y. Aksyutina, J. Alcantara-Núñez, S. Altstadt, H. Alvarez-Pol, N. Ashwood, T. Aumann, V. Avdeichikov, M. Barr, S. Beceiro-Novo, D. Bemmerer, J. Benlliure, C. A. Bertulani, K. Boretzky, M. J. G. Borge, G. Burgunder, M. Camaño, C. Caesar, E. Casarejos, W. Catford, J. Cederkäll, S. Chakraborty, M. Chartier, L. V. Chulkov, D. Cortina-Gil, R. Crespo, U. Datta, P. D'íaz Fernández, I. Dillmann, Z. Elekes, J. Enders, O. Ershova, A. Estradé, F. Farinon, L. M. Fraile, M. Freer, M.

Freudenberger, H. O. U. Fynbo, D. Galaviz, H. Geissel, R. Gernhäuser, K. Göbel, P. Golubev, D. Gonzalez Diaz, J. Hagdahl, T. Heftrich, M. Heil, M. Heine, A. Henriques, M. Holl, G. Ickert, A. Ignatov, B. Jakobsson, H. T. Johansson, B. Jonson, N. Kalantar-Nayestanaki, R. Kanungo, R. Knöbel, T. Kröll, R. Krücken, J. Kurcewicz, N. Kurz, M. Labiche, C. Langer, T. Le Bleis, R. Lemmon, O. Lepyoshkina, S. Lindberg, J. Machado, J. Marganec, V. Maroussov, M. Mostazo, A. Movsesyan, A. Najafi, T. Nilsson, C. Nociforo, V. Panin, S. Paschalis, A. Perea, M. Petri, S. Pietri, R. Plag, A. Prochazka, A. Rahaman, G. Rastrepina, R. Reifarth, G. Ribeiro, M. V. Ricciardi, C. Rigollet, K. Riisager, M. Röder, D. Rossi, J. Sanchez del Rio, D. Savran, H. Scheit, H. Simon, O. Sorlin, V. Stoica, B. Streicher, J. T. Taylor, O. Tengblad, S. Terashima, Y. Togano, E. Uberseder, J. Van de Walle, P. Velho, V. Volkov, A. Wagner, F. Wamers, H. Weick, M. Weigand, C. Wheldon, G. Wilson, C. Wimmer, J. S. Winfield, P. Woods, D. Yakorev, M. V. Zhukov, A. Zilges, and K. Zuber
Physical Review C 93 (2016) 054601.

27. Measurement of excitation spectra in the $^{12}\text{C}(\text{p},\text{d})$ reaction near the η' emission threshold

Y. K. Tanaka, K. Itahashi, H. Fujioka, Y. Ayyad, J. Benlliure, K.-T. Brinkmann, S. Friedrich, H. Geissel, J. Gellanki, C. Guo, E. Gutz, E. Haettner, M. N. Harakeh, R. S. Hayano, Y. Higashi, S. Hirezaki, C. Hornung, Y. Igarashi, N. Ikeno, M. Iwasaki, D. Jido, N. Kalantar-Nayestanaki, R. Kanungo, R. Knöbel, N. Kurz, V. Metag, I. Mukha, T. Nagae, H. Nagahiro, M. Nanova, T. Nishi, H. J. Ong, S. Pietri, A. Prochazka, C. Rappold, M. P. Reiter, J. L. Rodríguez-Sánchez, C. Scheidenberger, H. Simon, B. Sitar, P. Strmen, B. Sun, K. Suzuki, I. Szarka, M. Takechi, I. Tanihata, S. Terashima, Y. N. Watanabe, H. Weick, E. Widmann, J. S. Winfield, X. Xu, H. Yamakami, and J. Zhao
Physical Review Letters 117 (2016) 202501.

28. One-neutron removal from ^{29}Ne : Defining the lower limits of the islands of inversion

N. Kobayashi, T. Nakamura, Y. Kondo, J. A. Tostevin, N. Aoi, H. Baba, R. Barthelemy, M. A. Famiano, N. Fukuda, N. Inabe, M. Ishihara, R. Kanungo, S. Kim, T. Kubo, G. S. Lee, H. S. Lee, M. Matsushita, T. Motobayashi, T. Ohnishi, N. A. Orr, H. Otsu, T. Sako, H. Sakurai, Y. Satou, T. Sumikama, H. Takeda, S. Takeuchi, R. Tanaka, Y. Togano, K. Yoneda
Physical Review C 93 (2016) 014613.

29. Shell evolution approaching the $N=20$ island of inversion : structure of ^{26}Na

G. L. Wilson, W. N. Catford, N. A. Orr, C. A. Diget, A. Matta, G. Hackman, S. J. Williams, I. C. Celik, N. L. Achouri, H. Al Falou, R. Ashley, R. A. E. Austin, G. C. Ball, J. C. Blackmon, A. J. Boston, H. C. Boston, S. M. Brown, D. S. Cross, M. Djongolov, T. E. Drake, U. Hager, S. P. Fox, B. R. Fulton, N. Galinski, A. B. Garnsworthy, D. Jamieson, R. Kanungo, K. G. Leach, J. N. Orce, C. J. Pearson, M. Porter-Peden, F. Sarazin, E. C. Simpson, S. Sjøe, D. Smalley, C. Sumithrarachchi, S. Triambak, C. Unsworth, R. Wadsworth
Physics Letters B 759 (2016) 417.

30. Evidence of soft dipole resonance in ^{11}Li with isoscalar character [*]
R. Kanungo, A. Sanetullaev, J. Tanaka, S. Ishimoto, G. Hagen, T. Myo, T. Suzuki, C. Andreoiu, P. Bender, A. A. Chen, B. Davids, J. Fallis, J. P. Fortin, N. Galinski, A. T. Gallant, P. E. Garrett, G. Hackman, B. Hadinia, G. Jansen, M. Keefe, R. Krücken, J. Lighthall, E. McNeice, D. Miller, T. Otsuka, J. Purcell, J. S. Randhawa, T. Roger, A. Rojas, H. Savajols, A. Shotter, I. Tanihata, I. J. Thompson, C. Unsworth, P. Voss, and Z. Wang
 Physical Review Letters 114 (2015) 192502.

31. Simultaneous analysis of the elastic scattering and breakup channel for the reaction $^{11}\text{Li} + ^{208}\text{Pb}$ at energies near the Coulomb barrier
J.P.Fernandez-Garcia, M.Cubero, L.Acosta, M.Alcorta, M.A.G.Alvarez, M.J.G.Borge, L.Buchmann, C.A.Diget, H.A.Falou, B.Fulton, H.O.U.Fynbo, D.Galaviz, J.Gomez-Camacho, R.Kanungo, J.A.Lay, M.Madurga, I.Martel, A.M.Moro, I.Mukha, T.Nilsson, M.Rodriguez-Gallardo, A.M.Sanchez-Benitez, A.Shotter, O.Tengblad, P.Walden
 Physical Review C 92 (2015) 044608.

32. Structure of ^{26}Na via a novel technique using (d,p γ) with a radioactive ^{25}Na beam
W.N.Catford, I.C.Celik, G.L.Wilson, A.Matta, N.A.Orr, C.Aa.Diget, P.Adsley, H.Al Falou, R.Ashley, R.A.E.Austin, G.C.Ball, J.C.Blackmon, A.J.Boston, H.C.Boston, S.M.Brown, D.S.Cross, M.Djongolov, T.E.Drake, U.Hager, S.P.Fox, B.R.Fulton, N.Galinski, A.B.Garnsworthy, G.Hackman, D.Jamieson, R.Kanungo, K.Leach, J-P.Martin, J.N.Orce, C.J.Pearson, M.Porter-Peden, F.Sarazin, S.Sjue, C.Sumithrarachchi, C.E.Svensson, S.Triambak, C.Unsworth, R.Wadsworth, S.J.Williams
 Acta Phys. Polonica B46 (2015) 527.

33. Proton radii of $^{12-17}\text{B}$ define a thick neutron surface in ^{17}B [*]
A. Estrade, R. Kanungo, W. Horiuchi, F. Ameil, J. Atkinson, Y. Ayyad, D. Cortina-Gil, I. Dillmann, A. Evdokimov, F. Farinon, H. Geissel, G. Guastalla, R. Janik, M. Kimura, R. Knöbel, J. Kurcewicz, Yu. A. Litvinov, M. Marta, M. Mostazo, I. Mukha, C. Nociforo, H.J. Ong, S. Pietri, A. Prochazka, C. Scheidenberger, B. Sitar, P. Strmen, Y. Suzuki, M. Takechi, J. Tanaka, I. Tanihata, S. Terashima, J. Vargas, H. Weick, J. S. Winfield
 Physical Review Letters 113 (2014) 132501.

34. Proton radius of ^{14}Be from measurement of charge changing cross section [*]
S. Terashima, I. Tanihata, R. Kanungo, A. Estrade, W. Horiuchi, F. Ameil, J. Atkinson, Y. Ayyad, D. Cortina-Gil, I. Dillmann, A. Evdokimov, F. Farinon, H. Geissel, G. Guastalla, R. Janik, M. Kimura, R. Knöbel, J. Kurcewicz, Yu. A. Litvinov, M. Marta, M. Mostazo, I. Mukha, T. Neff, C. Nociforo, H.J. Ong, S. Pietri, A. Prochazka, C. Scheidenberger, B. Sitar, P. Strmen, Y. Suzuki, M. Takechi, J. Tanaka, J. Vargas, H. Weick, J. S. Winfield
 Progress in Theoretical and Experimental Physics (Letter) 101D02 (2014)

35. Observation of a p-wave one-neutron halo configuration in ^{37}Mg
N.Kobayashi, T.Nakamura, Y.Kondo, J.A.Tostevin, Y.Utsuno, N.Aoi, H.Baba, R.Barthelemy, M.A.Famiano, N.Fukuda, N.Inabe, M.Ishihara, R.Kanungo, S.Kim, T.Kubo, G.S.Lee, H.S.Lee, M.Matsushita, T.Motobayashi, T.Ohnishi, N.A.Orr, H.Otsu, T.Otsuka, T.Sako, H.Sakurai, Y.Satou, T.Sumikama, H.Takeda, S.Takeuchi, R.Tanaka, Y.Togano, K.Yoneda
 Physical Review Letters 112 (2014) 242501-1-5.

36. Inelastic scattering of ^9Li and excitation mechanism of its first excited state [*]
H. Al Falou, R. Kanungo, C. Andreoiu, D.S. Cross, B. Davids, M. Djongolov, A.T. Gallant, N. Galinski, D. Howell, R. Kshetri D. Niamir, J.N. Orce, A.C. Shotter, S. Sjue, I. Tanihata, I.J. Thompson, S. Triambak, M. Uchida, P. Walden, R.B. Wiringa
 Physics Letters B 721 (2013) 224-228

37. Lifetime measurements of states in ^{15}O
N. Galinski, S.K.L.Sjue, G.C.Ball, D.S.Cross, B. Davids, H. Al Falou, A.B. Garnsworthy, G. Hackman, U. Hager, D.A. Howell, M. Jones, R. Kanungo, R. Kshetri, K.G. Leach, J.R. Leslie, M. Moukaddam, J.N. Orce, E.T. Rand, C. Ruiz, G. Ruprecht, M. Schumaker, C.E. Svensson, S. Triambak, C.D. Unsworth
 Physical Review C 90 (2014) 035803.

38. ^{11}Li breakup on ^{208}b around Coulomb barrier
J.P.Fernandez-Garcia, M.Cubero, M.Rodriguez-Gallardo, L.Acosta, M.Alcorta, M.A.G.Alvarez, M.J.G.Borge, L.Buchmann, C.A.Diget, H.A.Falou, B.R.Fulton, H.O.U.Fynbo, D.Galaviz, J.Gomez-Camacho, R.Kanungo, J.A.Lay, M.Madurga, I.Martel, A.M.Moro, I.Mukha, T.Nilsson, A.M.Sanchez-Benitez, A.Shotter, O.Tengblad, P.Walden
 Physical Review Letters 110 (2013) 142701

39. First determination of the ^8Li valence neutron asymptotic normalization coefficient using the $^7\text{Li}(^8\text{Li}, ^7\text{Li})^8\text{Li}$ reaction.
D.Howell, B.Davids, J.P.Greene, R.Kanungo, S.Mythili, C.Ruiz, G.Ruprecht, I.J.Thompson
 Physical Review C 88 (2013) 025804

40. Matter Radii of $^{22,23}\text{O}$ [*]
R. Kanungo
 Jour of Phys. : Conf. Series 445 (2013) 012304

41. Do halo nuclei follow Rutherford elastic scattering at energies below the barrier ? The case of ^{11}Li .
M.Cubero, J.P.Fernandez-Garcia, M.Rodriguez-Gallardo, L.Acosta, M.Alcorta, M.A.G.Alvarez, M.J.G.Borge, L.Buchmann, C.A.Diget, H.Al Falou, B.R.Fulton, H.O.U.Fynbo, D.Galaviz, J.Gomez-Camacho, R.Kanungo, J.A.Lay, M.Madurga, I.Martel, A.M.Moro, I.Mukha, T.Nilsson, A.M.Sanchez-Benitez, A.Shotter, O.Tengblad, P.Walden
 Physical Review Letters 109 (2012) 262701-1-5

42. One neutron knockout from $^{51-55}\text{Sc}$

S.Schwertel, P.Maierbeck, R.Krucken, R.Gernhauser, T.Kroll, H.Alvarez-Pol, F.Aksouh, T.Aumann, K.Behr, E.A.Benjamim, J.Benlliure, V.Bildstein, M.Bohmer, K.Boretzky, M.J.G.Borge, A.Brunle, A.Burger, M.Caamano, E.Casarejos, A.Chatillon, L.V.Chulkov, D.Cortina-Gil, J.Enders, K.Eppinger, T.Faestermann, J.Friese, L.Fabbietti, M.Gascon, H.Geissel, J.Gerl, M.Gorska, P.G.Hansen, B.Jonson, R.Kanungo, O.Kiselev, I.Kojouharov, A.Klimkiewicz, T.Kurtukian, N.Kurz, K.Larsson, T.Le Bleis, K.Mahata, L.Maier, T.Nilsson, C.Nociforo, G.Nyman, C.Pascual-Izarra, A.Perea, D.Perez, A.Prochazka, C.Rodriguez-Tajes, D.Rossi, H.Schaffner, G.Schrieder, H.Simon, B.Sitar, M.Stanoi, K.Summerer, O.Tengblad, H.Weick, S.Winkler, B.A.Brown, T.Otsuka, J.A.Tostevin, W.D.M.Rae
European Physical Journal A 48 (2012) 191(1-10).

43. Exploring the anomaly in the interaction cross section and the matter radius of ^{23}O [*]
R. Kanungo, A. Prochazka, M. Uchida, W. Horiuchi, G. Hagen, T. Papenbrock, C. Nociforo, T. Aumann, D. Boutin, D. Cortina-Gil, B. Davids, M. Diakaki, F. Farinon, H. Geissel, R. Gernhäuser, J. Gerl, R. Janik, O. Jensen, B. Jonson, B. Kindler, R. Knöbel, R. Krücken, M. Lantz, H. Lenske, Y. Litvinov, B. Lommel, K. Mahata, P. Maierbeck, A. Musumarra, T. Nilsson, C. Perro, C. Scheidenberger, B. Sitar, P. Strmen, B. Sun, T. Suzuki, I. Szarka, I. Tanihata, H. Weick, M. Winkler
Physical Review C (Rapid Communication) 84 (2011) 061304-1- 061304-1-5

44. One-neutron removal reactions on Al isotopes around the N=20 shell closure [*]
C.Nociforo, A.Prochazka, R.Kanungo, T.Aumann, D.Boutin, D.Cortina-Gil, B.Davids, M.Diakaki, F.Farinon, H.Geissel, R.Gernhauser, R.Janik, B.Jonson, B.Kindler, R.Knobel, R.Krucken, N.Kurz, M.Lantz, H.Lenske, Yu.A.Litvinov, B.Lommel, K.Mahata, P.Maierbeck, A.Musumarra, T.Nilsson, C.Perro, C.Scheidenberger, B.Sitar, P.Strmen, B.Sun, I.Szarka, I.Tanihata, H.Weick, M.Winkler
Physical Review C 85 (2012) 044312-1- 044312-1-10

45. Nuclear-matter density distribution in the neutron-rich nuclei $^{12,14}\text{Be}$ from proton elastic scattering in inverse kinematics
S.Ilieva, F.Aksouh, G.D.Alkharov, L.Chulkov, A.V.Dobrovolsky, P.Egelhof, H.Geissel, M.Gorska, A.Inglessi, R.Kanungo, A.V.Khanzadeev, O.A.Kiselev, G.A.Korolev, X.C.Le, Yu.A.Litvinov, C.Nociforo, D.M.Seliverstov, L.O.Sergeev, H.Simon, V.A.Volkov, A.A.Vorobyov, H.Weick, V.I.Yatsoura, A.A.Zhdanov
Nuclear Physics A 875 (2012) 8

46. Gamma-ray measurements in the one-neutron knockout of ^{17}C , ^{19}N , ^{21}O and ^{25}F
C.Rodriguez-Tajes, D.Cortina-Gil, H.Alvarez-Pol, T.Aumann, E.Benjamim, J.Benlliure, M.J.G.Borge, M.Caamano, E.Casarejos, A.Chatillon, L.V.Chulkov, K.Eppinger, T.Faestermann, M.Gascon, H.Geissel, R.Gernhauser, B.Jonson, R.Kanungo, R.Krucken, T.Kurtukian, P.Maierbeck, T.Nilsson, C.Nociforo, C.Pascual-Izarra, A.Perea, D.Perez-Loureiro, A.Prochazka, S.Schwertel, H.Simon, K.Summerer, O.Tengblad, H.Weick, M.Winkler, M.V.Zhukov
Eur. Phys. J. A 48 (2012) 95

47. Matter radii of $^{32-35}\text{Mg}$ [*]
R. Kanungo, A. Prochazka, W. Horiuchi, C. Nociforo, T. Aumann, D. Boutin, D. Cortina-Gil, B. Davids, M. Diakaki, F. Farinon, H. Geissel, R. Gernhäuser, J. Gerl, R. Janik, B. Jonson, B. Kindle, R. Knöbel, R. Krücken, M. Lantz, H. Lenske, Y. Litvinov, B. Lommel, K. Mahata, P. Maierbeck, A. Musumarra, T. Nilsson, C. Perro, C. Scheidenberger, B. Sitar, P. Strmen, B. Sun, T. Suzuki, I. Szarka, I. Tanihata, Y. Utsuno, H. Weick, M. Winkler
 Physical Review C(Rapid Communication) 83 (2011) 021302-1- 021302-1-5

48. Structure of ^{22}N and the $N=14$ subshell.
C. Rodríguez-Tajes, D. Cortina-Gil, H. Alvarez-Pol, T. Aumann, E. Benjamim, J. Benlliure, M.J.G. Borge, M. Caamano, E. Casarejos, A. Chatillon, L.V. Chulkov, K. Eppinger, T. Faestermann, M. Gascon, H. Geissel, R. Gernhäuser, B. Jonson, R. Kanungo, R. Krücken, T. Kurtukian, K. Larsson, P. Maierbeck, T. Nilsson, C. Nociforo, Yu. Parfenova, C. Pascual-Izarra, A. Perea, D. Perez-Loureiro, A. Prochazka, S. Schwertel, H. Simon, K. Summerer, O. Tengblad, H. Weick, M. Winkler, M.V. Zhukov
 Physical Review C 83 (2011) 064313-1- 064313-4

49. Structure of light neutron-rich nuclei through nucleon transfer and knockout reactions [*]
R. Kanungo
 Nuclear Physics A 834 (2010) 505c.

50. One neutron knockout from light neutron-rich nuclei at relativistic energies.
C. Rodríguez-Tajes, H. Alvarez-Pol, T. Aumann, E. Benjamim, J. Benlliure, M.J.G. Borge, M. Cammano, E. Casarejos, A. Chatillon, D. Cortina-Gil, K. Eppinger, T. Faestermann, M. Gascon, H. Geissel, R. Gernhäuser, B. Jonson, R. Kanungo, R. Krücken, T. Kurtukian, K. Larsson, P. Maierbeck, T. Nilsson, C. Nociforo, C. Pascual-Izarra, A. Perea, D. Perez-Loureiro, A. Prochazka, H. Simon, K. Summerer, O. Tengblad, H. Weick, M. Winkler, M. Zhukov.
 Physical Review C 82 (2010) 024305.

51. Structure of ^{33}Mg sheds new light on the island of inversion. [*]
R. Kanungo, C. Nociforo, A. Prochazka, Y. Utsuno, T. Aumann, D. Boutin, D. Cortina-Gil, B. David, M. Diakak, F. Farinon, H. Geissel, R. Gernhäuser, J. Gerl, R. Janik, B. Jonson, B. Kindle, R. Knöbel, R. Krücken, M. Lantz, H. Lenske, Y. Litvinov, B. Lommel, K. Mahata, P. Maierbeck, A. Musumarra, T. Nilsson, T. Otsuka, C. Perro, C. Scheidenberger, B. Sitar, P. Strmen, B. Sun, I. Szarka, I. Tanihata, H. Weick, M. Winkler
 Physics Letters B 685 (2010) 253-257.

52. One-neutron knockout from neutron-rich Ne isotopes at relativistic energies.
D. Cortina-Gil, C. Rodríguez-Tajes, H. Alvarez-Pol, T. Aumann, E. Benjamim, J. Benlliure, M.J.G. Borge, M. Cammano, E. Casarejos, A. Chatillon, K. Eppinger, T. Faestermann, M. Gascon, H. Geissel, R. Gernhäuser, B. Jonson, R. Kanungo, R. Krücken, T. Kurtukian, K. Larsson, P. Maierbeck, T. Nilsson, C. Nociforo, C. Pascual-Izarra, A. Perea, D. Perez-Loureiro, A. Prochazka, H. Simon, K. Summerer, O. Tengblad, H. Weick, M. Winkler, M. Zhukov.
 Nuclear Physics A 834 (2010) 485c.

53. One-neutron knockout from $^{24-28}\text{Ne}$ isotopes

C. Rodriguez-Tajes, D. Cortina-Gil, H. Alvarez-Pol, T. Aumann, E. Benjamim, J. Benlliure, M.J.G. Borge, M. Cammano, E. Casarejos, A. Chatillon, K. Eppinger, T. Faestermann, M. Gascon, H. Geissel, R. Gernhäuser, B. Jonson, R. Kanungo, R. Krücken, T. Kurtukian, K. Larsson, P. Maierbeck, T. Nilsson, C. Nociforo, C. Pascual-Izarra, A. Perea, D. Perez-Loureiro, A. Prochazka, H. Simon, K. Sümmerner, O. Tengblad, H. Weick, M. Winkler, M. Zhukov.
 Physics Letters B 687 (2010) 26-30.

54. Structure of states in ^{12}Be via the $^{11}\text{Be}(\text{d},\text{p})$ reaction. [*]

R. Kanungo, A.T. Gallant, M. Uchida, C. Andreoiu, R.A.E. Austin, D. Bandyopadhyay, G.C. Ball, J.A. Becker, A.J. Boston, H.C. Boston, B.A. Brown, L. Buchmann, S.J. Colosimo, R.M. Clark, D. Cline, D.S. Cross, H. Dare, B. Davids, T.E. Drake, M. Djongolov, P. Finlay, N. Galinski, P.E. Garrett, A.B. Garnsworthy, K.L. Green, S. Grist, G. Hackman, L. J. Harkness, A.B. Hayes, D. Howell, A.M. Hurst, H.B. Jeppesen, K.G. Leach, A.O. Macchiavelli, D. Oxley, C.J. Pearson, B. Pietras, A.A. Phillips, S.V. Rigby, C. Ruiz, G. Ruprecht, F. Sarazin, M.A. Schumaker, A.C. Shotter, C.S. Sumitharatchi, C.E. Svensson, I. Tanihata, S. Triambak, C. Unsworth, S.J. Williams, P. Walden, J. Wong, C.Y. Wu
 Physics Letters B 682 (2010) 391-395.

55. One-neutron removal measurement reveals ^{24}O as a new doubly magic nucleus. [*]

R. Kanungo, C. Nociforo, A. Prochazka, T. Aumann, D. Boutin, D. Cortina-Gil, B. David, M. Diakak, F. Farinon, H. Geissel, R. Gernhäuser, J. Gerl, R. Janik, B. Jonson, B. Kindle, R. Knöbel, R. Krücken, M. Lantz, H. Lenske, Y. Litvinov, B. Lommel, K. Mahata, P. Maierbeck, A. Musumarra, T. Nilsson, T. Otsuka, C. Perro, C. Scheidenberger, B. Sitar, P. Strmen, B. Sun, I. Szarka, I. Tanihata, Y. Utsuno, H. Weick, M. Winkler
 Physical Review Letters 102 (2009) 152501-1- 152501-4 .

56. Coulomb excitation of proton drip-line nucleus ^{20}Na .

M.A. Schumaker D. Cline, G. Hackman, C.J. Pearson, C.E. Svensson, C.Y. Wu, A. Andreyev, R.A.E. Austin, D. Bandyopadhyay, G.C. Ball, J.A. Becker, A.J. Boston, H.C. Boston, L. Buchmann, R. Chruchman, F. Cifarelli, R.J.Cooper, D.S. Cross, D. Dashdorj, G.A. Demand, M.R. Dimmock, T.E. Drake, P. Finlay, A.T. Gallant, N. Galinski, P.E. Garrett, K.L. Green, A.N. Grint, G.F.Grinyer, L. J. Harkness, A.B. Hayes, R. Kanungo, A.F. Lisetskiy, K.G. Leach, A.O. Macchiavelli, G. Lee, R. Maharaj, J. –P. Martin, F. Moisan, A.C. Morton, S. Mythili, L. Nelson, O. Newman, P.J. Nolan, J.N. Orce, E. Padilla-Rodal, A.A. Phillips, M. Porter-Penden, J.J. Ressler, R. Roy, C. Ruiz, F. Sarazin, D.P. Scraggs, J.C. Waddington, J.M. Wan, A. Whitbeck, S. Triambak, C. Unsworth, S.J. Williams, J. Wong,
 Physical Review C 80 (2009) 044325-1 - 044325-14.

57. Structure of ^{55}Ti from relativistic one-neutron knockout.

P. Maierbeck, R. Gernhäuser, R. Krücken, T. Kröll, H. Alvarez-Pol, F. Aksouh, T. Aumann, K. Behr, E.A. Benjamim, J. Benlliure, V. Bildstein, M. Böhmer, K. Boretzky, M.J.G. Borge, A. Brünle, A. Bürger, M. Cammaño, E. Casarejos, A. Chatillon, L.V. Chulkov, D. Cortina-Gil, J. Enders, K. Eppinger, T. Faestermann, J. Friese, L. Fabbietti, M. Gascón, H. Geissel, J. Gerl, M. Gorska, P.G. Hansen, B. Jonson, R. Kanungo, O. Kiselev, I. Kojouharov, A. Klimkiewicz, T. Kurtukian, N. Kurz,

K. Larsson, T. Le Bleis, K. Mahata, L. Maier, T. Nilsson, C. Nociforo, G. Nyman, C. Pascual-Izarra, A. Perea, D. Perez, A. Prochazka, C. Rodriguez-Tajes, D. Rossi, H. Schaffner, G. Schrieder, S. Schwertel, H. Simon, B. Sitar, M. Stanoiu, K. Sümmerer, O. Tengblad, H. Weick, S. Winkler, B.A. Brown, T. Otsuka, J. Tostevin, W.D.M. Rae
 Physics Letters B 675 (2009) 22- 27.

58. Mass of ^{11}Li from the $^1\text{H}(^{11}\text{Li}, ^9\text{Li})^3\text{H}$ reaction.

T. Roger, H. Savajols, I. Tanihata, W. Mittig, M. Alcorta, D. Bandyopadhyay, R. Bieri, L. Buchmann, M. Cammano, B. Davids, N. Galink, A. Gallant, D. Howell, R. Kanungo, W. Mills, S. Mythili, M. Notani, R. Openshaw, E. Padilla-Rodal, P. Roussel-Chomaz, G. Ruprecht, G. Savard, G. Sheffer, A.C. Shotter, M. Trinzek and P. Walden
 Physical Review C 79 (2009) 031603(R)-1 - 031603(R)-4.

59. Coulomb excitation of radioactive $^{20,21}\text{Na}$.

M.A. Schumaker, D. Cline, G. Hackman, C. Pearson, C.E. Svensson, C.Y. Wu, A. Andreyev, R.A.E. Austin, G.C. Ball, D. Bandyopadhyay, J.A. Becker, A.J. Boston, H.C. Boston, L. Buchmann, R. Churchman, F. Cifarelli, R.J. Cooper, D.S. Cross, D. Dashdorj, G.A. Demand, M.R. Dimmock, T.E. Drake, P. Finlay, A.T. Gallant, P.E. Garrett, K.L. Green, A.N. Grint, G.F. Grinyer, L.J. Harkness, A.B. Hayes, R. Kanungo, A.F. Lisetskiy, K.G. Leach, G. Lee, R. Maharaj, J.-P. Martin, F. Moisan, A.C. Morton, S. Mythili, L. Nelson, O. Newman, P.J. Nolan, J.N. Orce, E. Padilla-Rodal, A.A. Phillips, M. Porter-Peden, J.J. Ressler, R. Roy, C. Ruiz, F. Sarazin, D.P. Scraggs, J.C. Waddington, J.M. Wan, A. Whitbeck, S.J. Williams, J. Wong
 European Physical Journal A42 (2009) 477-484.

60. β - delayed deuteron emission from ^{11}Li : decay of the halo

R. Raabe, A. Andreyev, M. J. Borge, L. Buchmann, P. Capel, H. O. Fynbo, M. Huyse, R. Kanungo, T. Kirchner, C. Mattoon, A. C. Morton, I. Mukha, J. Pearson, J. Ponsaers, J. J. Ressler, K. Riisager, C. Ruiz, G. Ruprecht, F. Sarazin, O. Tengblad, P. Van Duppen, and P. Walden
 Physical Review Letters 101 (2008) 212501-1 –212501-4

61. Measurement of reaction cross section of ^{18}C and observation of fragments from ^{18}C and ^{17}C at 80A MeV.

A. Ozawa, D. Q. Fang, M. Fukuda, N. Iwasa, T. Izumikawa, H. Jeppesen, R. Kanungo, R. Koyama, T. Ohnishi, T. Ohtsubo, W. Shinozaki, T. Suda, T. Suzuki, M. Takahashi, I. Tanihata, C. Wu, and Y. Yamaguchi
 Physical Review C 78 (2008) 054313-1 - 054313-1

62. Coulomb excitation of radioactive ^{21}Na and its stable mirror ^{21}Ne

M.A. Schumaker, D. Cline, G. Hackman, A. C. Morton, C. J. Pearson, C. E. Svensson, C. Y. Wu, A. Andreyev, R. A. E. Austin, G. C. Ball, D. Bandyopadhyay, J. A. Becker, A. J. Boston, H. C. Boston, L. Buchmann, R. Churchman, F. Cifarelli, R. J. Cooper, D. S. Cross, D. Dashdorj, G. A. Demand, M. R. Dimmock, T. E. Drake, P. Finlay, A. T. Gallant, P. E. Garrett, K. L. Green, A. N. Grint, G. F. Grinyer, L. J. Harkness, A. B. Hayes, R. Kanungo, K. G. Leach, G. Lee, R. Maharaj, J.-P. Martin, F. Moisan, S. Mythili, L. Nelson, O. Newman, P. J. Nolan, J. N. Orce, E. Padilla-Rodal, A. A. Phillips, M. Porter-Peden, J. J. Ressler, R. Roy, C. Ruiz, F. Sarazin, D. P. Scraggs, J. C. Waddington, J. M. Wan, A. Whitbeck, S. J. Williams, and J. Wong

63. Persistence of the N=50 shell closure in the neutron-rich isotope ^{80}Ge
H. Iwasaki, S. Michimasa, M. Niikura, M. Tamaki, N. Aoi, H. Sakurai, S. Shimoura, S. Takeuchi, S. Ota, M. Honma, T.K. Onishi, E. Takeshita, H.J. Ong, H. Baba, Z. Elekes, T. Fukuchi, Y. Ichikawa, M. Ishihara, N. Iwasa, S. Kanno, R. Kanungo, S. Kawai, T. Kubo, K. Kurita, T. Motobayashi, A. Saito, Y. Satou, H. Suzuki, M.K. Suzuki, Y. Togano, Y. Yanagisawa
Physical Review C 78 (2008) 021304R-1-021304R-5
64. High precision branching ratio measurement for the superallowed β^+ emitter ^{62}Ga .
P. Finlay, G.C. Ball, J.R. Leslie, C.E. Svensson, I.S. Towner, R.A.E. Austin, D. Bandyopadhyay, A. Chaffey, R.S. Chakrawarthy, P.E. Garrett, G.F. Grinyer, G. Hackman, B. Hyland, R. Kanungo, K.G. Leach, C.M. Mattoon, A.C. Morton, C.J. Pearson, A.A. Phillips, J.J. Ressler, F. Sarazin, H. Savajols, M.A. Schumaker, J. Wong
Physical Review C 78 (2008) 025502-1-025502-13
65. High precision half-life determination for the superallowed β^+ emitter ^{62}Ga .
G.F. Grinyer, P. Finlay, C.E. Svensson, G.C. Ball, J.R. Leslie, R.A.E. Austin, D. Bandyopadhyay, A. Chaffey, R.S. Chakrawarthy, P.E. Garrett, G. Hackman, B. Hyland, R. Kanungo, K.G. Leach, C.M. Mattoon, A.C. Morton, C.J. Pearson, A.A. Phillips, J.J. Ressler, F. Sarazin, H. Savajols, M.A. Schumaker, J. Wong
Physical Review C, 77 (2008) 015501-1 - 015501-7
66. Measurement of two-neutron transfer reaction $p(^{11}\text{Li}, ^9\text{Li})t$ at 3A MeV
I. Tanihata, M. Alcorta, D. Bandyopadhyay, R. Bieri, L. Buchmann, B. Davids, N. Galinski, D. Howell, W. Mills, R. Openshaw, E. Padilla-Rodal, G. Ruprecht, G. Sheffer, A.C. Shotter, S. Mythili, M. Trinczek, P. Walden, H. Savajols, T. Roger, M. Caamano, W. Mittig, P. Roussel-Chomaz, R. Kanungo, A. Gallant, M. Notani, G. Savard, I.J. Thompson
Physical Review Letters, 100 (2008) 192502-1 – 192502-5
67. Spectroscopic factors for the ^9Li ground state and N=6 shell closure [*]
R. Kanungo, A.N. Andreyev, L. Buchmann, B. Davids, G. Hackman, D. Howell, P. Khalili, B. Mills, E. Padilla-Rodal, Steven C. Pieper, J. Pearson, C. Ruiz, G. Ruprecht, A. Shotter, I. Tanihata, C. Vockenhuber, P. Walden, R.B. Wiringa
Physics Letters B 660 (2008) 26-31
68. Lifetime of states in ^{19}Ne above the $^{15}\text{O} + \alpha$ threshold
S. Mythili, B. Davids, T. K. Alexander, G.C. Ball, M. Chicoine, R.S. Chakrawarthy, R. Churchman, J.S. Forster, S. Gujrathi, G. Hackman, D. Howell, R. Kanungo, J. Leslie, E. Padilla, C.J. Pearson, C. Ruiz, G. Ruprecht, M. Schumaker, I. Tanihata, C. Vockenhuber, P. Walden, S. Yen
Physical Review C 77 (2008) 035803-1 - 035803-9.
69. Shell closures in the N and Z=40-60 region for neutron and proton-rich nuclei. [*]
R. Kanungo,
Physics Letters B 649 (2007) 31-34.

70. Examining the exotic structure of the proton-rich nucleus ^{23}Al
D.Q.Fang, W.Guo, C.W.Ma, K.Wang, T.Z.Yan, Y.G.Ma, X.Z.Cai, W.Q.Shen, Z.Z.Ren, Z.Y.Sun, J.G.Chen, W.D.Tian, C.Zhong, M.Hosoi, T.Izumikawa, R.Kanungo, S.Nakajima, T.Ohnishi, T.Ohtsubo, A.Ozawa, T.Suda, K.Sugawara, T.Suzuki, A.Takisawa, K.Tanaka, T.Yamaguchi, I.Tanihata
 Physical Review C 76 (2007) 031601-1 – 031601-5.

71. TRIUMF-ISAC Gamma-Ray Escape-Suppressed Spectrometer (TIGRESS): a versatile tool for radioactive beam physics
G.C.Ball, A.Andreyev, R.A.E.Austin, D.Bandyopadhyay, J.A.Becker, A.J.Boston, H.C.Boston, A.Chen, R.Churchman, F.Cifarelli, D.Cline, R.J.Cooper, D.S.Cross, D.Dashdorj, G.Demand, M.R.Dimmock, T.E.Drake, P.Finlay, F.Gagon-Moisán, A.T.Gallant, P.E.Garrett, K.L.Green, A.N.Grint, G.Hackman, L.J.Harkness, A.B.Hayes, R.Kanungo, K.G.Leach, G.Lee, R.Maharaj, J.-P.Martin, A.C.Morton, S.Mythili, L.Nelson, O.Newman, P.J.Nolan, E.Padilla-Rodal, C.J.Pearson, A.A.Phillips, M.Porter-Peden, J.J.Ressler, R.Roy, C.Ruiz, H.Savajols, F.Sarazin, M.A.Schumaker, D.P.Scraggs, C.E.Svensson, J.C.Waddington, J.M.Wan, A.Whitbeck, S.J.Williams, J.Wong, C.Y.Wu,
 Nuclear Physics A 787(2007) 118c-125c.

72. Nuclear Structure research at TRIUMF.
P.E.Garrett, A.Andreyev, R.A.E.Austin, G.C.Ball, D.Bandyopadhyay, J.A.Becker, A.J.Boston, R.S.Chakrawarthy, D.Cline, R.J.Cooper, R.Churchman, D.Cross, D.Dashdorj, G.A.Demand, M.R.Dimmock, T.E.Drake, P.Finlay, F.Gagon-Miosan, A.T.Gallant, K.L.Green, A.N.Grint, G.F.Grinyer, G.Hackman, L.J.Harkness, A.B.Hayes, R.Kanungo, W.D.Kulp, K.G.Leach, G.Lee, J.R.Leslie, J.-P.Martin, C.Mattoon, W.J.Mills, A.C.Morton, S.Mythili, L.Nelson, O.Newman, P.J.Nolan, E.Padilla-Rodal, C.J.Pearson, A.A.Phillips, M.Porter-Peden, J.J.Ressler, R.Roy, C.Ruiz, H.Savajols, F.Sarazin, M.A.Schumaker, D.P.Scraggs, H.C.Scraggs, M.D.Strange, C.E.Svensson, J.C.Waddington, J.M.Wan, A.Whitbeck, S.J.Williams, J.Wong, J.L.Wood, C.Y.Wu, E.F.Zganjar.
 Acta Physica Polonica B38 (2007) 1169.

73. The TRIUMF Nuclear Structure Program and TIGRESS.
P.E.Garrett, A.Andreyev, R.A.E.Austin, G.C.Ball, D.Bandyopadhyay, J.A.Becker, A.J.Boston, H.C.Boston, R.S.Chakrawarthy, R.Churchman, D.Cline, R.J.Cooper, D.Cross, D.Dashdorj, G.A.Demand, M.R.Dimmock, T.Drake, P.Finlay, F.Gagon, A.T.Gallant, K.L.Green, A.N.Grint, G.F.Grinyer, G.Hackman, L.J.Harkness, A.B.Hayes, R.Kanungo, W.D.Kulp, K.G.Leach, G.Lee, J.R.Leslie, R.Maharaj, J.-P.Martin, C.Mattoon, W.J.Mills, A.C.Morton, L.Nelson, O.Newman, P.J.Nolan, E.Padilla-Rodal, C.J.Pearson, A.A.Phillips, M.Porter-Peden, J.J.Ressler, C.Ruiz, F.Sarazin, M.A.Schumaker, D.P.Scraggs, M.D.Strange, M.Subramanian, C.E.Svensson, J.C.Waddington, J.Wan, A.Whitbeck, S.J.Williams, J.C.Wong, J.L.Wood, C.Y.Wu, E.F.Zganjar.
 Nuclear Instruments and Methods in Physics Research B 261 (2007) 1084-1088.

74. Lifetime of $^{19}\text{Ne}^*(4.03\text{ MeV})$ [*]
R. Kanungo, T.K. Alexander, A.N. Andreyev, G.C. Ball, R.S. Charawarthy, M. Chicoine, R. Churchman, B. Davids, J.S. Forster, S. Gujrahi, G. Hackmann, D. Howell, J.R. Leslie, A.C. Morton, S. Mythili, C.J. Pearson, J.J. Ressler, C. Ruiz, H. Savajols, M.A. Schumaker, I. Tanihata, P. Walden, S. Yen

75. $K^\pi = 0^+ 2.29$ s isomer in neutron-rich ^{174}Tm
R.S.Chakrawarthy, P.M.Walker, J.J.Ressler, E.F.Zganjar, G.C.Ball, M.B.Smith, A.N.Andreyev, S.F.Ashley, R.A.E.Austin, D.Bandyopadhyay, J.A.Becker, J.J.Carroll, D.S.Cross, D.Gohlke, J.J.Daoud, P.E.Garrett, G.F.Grinyer, G.Hackman, G.A.Jones, R.Kanungo, W.D.Kulp, Y.Litvinov, A.C.Morton, W.J.Mills, C.J.Pearson, R.Propri, C.E.Svensson, R.Wheeler, S.J.Williams
 Physical Review C 73 (2006) 024306-1 024306-5.

76. Scattering of ^{11}Be halo nucleus from ^{209}Bi at the Coulomb barrier.
M.Mazzocco, C.Signorini, M.Romoli, A.De Francesco, M.Di Pietro, E.Vardaci, K.Yoshida, A.Yoshida, R.Bonetti, A.De Rosa, T.Glodariu, A.Guglielmetti, G.Inglia, M.La Commara, B.Martin, D.Pierrousakou, M.Sandoli, F.Soramel, L.Stroe, R.Kanungo, N.Khai, T.Motobayashi, T.Nomura, T.Ishikawa, H.Ishiyama, S.Jeong, H.Miyatake, M.H.Tanaka, I.Sugai, Y.Watanabe
 European Physical Journal A Supplement 28 (2006) 295-299.

77. Measurements of reaction cross section and fragment momentum distribution for N=10 proton-rich isotones.
W. Guo, D.Q.Fang, Y.G.Ma, C.W.Ma, K.Wang, T.Z.Yan, X.Z.Cai, W.Q.Shen, Z.Y.Sun, Z.Z.Ren, J.G.Chen, J.H.Chen, G.H.Liu, E.J.Ma, G.L.Ma, Y.Shi, Q.M.Su, W.D.Tian, H.W.Wang, C.Zhong, J.X.Zuo, M.Hosoi, T.Izumikawa, R.Kanungo, S.Nakajima, T.Ohnishi, T.Ohtsubo, A.Ozawa, T.Suda, K.Sugawara, T.Suzuki, A.Takisawa, K.Tanaka, T.Yamaguchi, I.Tanihata
 International Journal of Modern Physics E15 28 (2006) 1523-1530.

78. A new view to the structure of ^{19}C [*]
R. Kanungo, M. Chiba, B. Abu-Ibrahim, S. Adhikari, D. Fang, N. Iwasa, K. Kimura, K. Maeda, S. Nishimura, Y. Ogawa, T. Ohnishi, A. Ozawa, C. Samanta, T. Suda, T. Suzuki, Q. Wang, C. Wu, Y. Yamaguchi, K. Yamada, A. Yoshida, T. Zheng, I. Tanihata
 European Physical Journal A Supplement 25 (2005) 261-262.

79. Observation of a two-proton halo in ^{17}Ne [*]
R. Kanungo, M. Chiba, B. Abu-Ibrahim, S. Adhikari, D. Fang, N. Iwasa, K. Kimura, K. Maeda, S. Nishimura, Y. Ogawa, T. Ohnishi, A. Ozawa, C. Samanta, T. Suda, T. Suzuki, Q. Wang, C. Wu, Y. Yamaguchi, K. Yamada, A. Yoshida, T. Zheng, I. Tanihata
 European Physical Journal A Supplement 25 (2005) 327-330.

80. Intermediate-energy Coulomb excitation of neutron-rich Ge isotopes around N=50
H.Iwasaki, N. Aoi, S. Takeuchi, S.Ota, H. Sakurai, M. tamaki, T.K. Onishi, E. Takeshita, H.G.Ong, N. Iwasa, H. Baba, Z. Elekes, T. Fukuchi, Y. Ichikawa, M. Ishihara, S. Kanno, R. Kanungo, S. Kawai, T. Kubo, K. Kurita, S. Michimasa, M. Niikura, A. Saito, Y. Satou, S. Shimoura, H. Suzuki, M.K.Suzuki, Y. Togano, Y. Yanagisawa, T. Motobayashi.
 European Physical Journal A Supplement. 25 (2005) 415-417.

81. Decoupling of valence neutrons from the core in ^{17}B [*]

Zs. Dombrádi, Z. Elekes, R. Kanungo, H. Baba, Zs. Fülöp, J. Gibelin, Á. Horváth, Y. Ichikawa, E. Ideguchi, N. Iwasa, H. Iwasaki, S. Kawai, Y. Kondo, T. Motobayashi, M. Notani, T. Ohnishi, A. Ozawa, H. Sakurai, S. Shimoura, E. Takeshita, S. Takeuchi, I. Tanihata, Y. Togano, C. Wu, Y. Yamaguchi, Y. Yanagisawa, A. Yoshida, K. Yoshida
Physics Letters B 621 (2005) 81-88.

82. TIGRESS : TRIUMF-ISAC gamma-ray escape-suppressed spectrometer
C.E.Svensson, P.Amaudruz, C.Andreoiiu, A.Andreyev, R.A.E.Austin, G.C.Ball, D.Bandyopadhyay, A.J.Boston, R.S.Chakrawarthy, A.A.Chen, R.Churchman, T.E.Drake, P.Finlay, P.E.Garrett, G.F.Grinyer, G.Hackman, B.Hyland, B.Jones, R.Kanungo, R.Maharaj, J.P.Martin, D.Morris, A.C.Morton, C.J.Pearson, A.A.Phillips, J.J.Ressler, R.Roy, F.Sarazin, M.A.Schumaker, H.C.Scraggs, M.B.Smith, N.Starinsky, J.J.Valiente-Dobon, J.C.Waddington, L.M.Watters
Journal of Physics (London) G 31 (2005) S1663-S1668..
83. Search for an isomeric state in ^{19}C [*]
R. Kanungo, Z. Elekes, H. Baba, Zs. Dombrádi, Zs. Fülöp, J. Gibelin, Á. Horváth, Y. Ichikawa, E. Ideguchi, N. Iwasa, H. Iwasaki, S. Kawai, Y. Kondo, T. Motobayashi, M. Notani, T. Ohnishi, A. Ozawa, H. Sakurai, S. Shimoura, E. Takeshita, S. Takeuchi, I. Tanihata, Y. Togano, C. Wu, Y. Yamaguchi, Y. Yanagisawa, A. Yoshida, K. Yoshida
Nuclear Physics A 757 (2005) 315-328.
84. Low-lying excited states in $^{17,19}\text{C}$ [*]
Z. Elekes, Zs. Dombrádi, R. Kanungo, H. Baba, Zs. Fülöp, J. Gibelin, Á. Horváth, Y. Ichikawa, E. Ideguchi, N. Iwasa, H. Iwasaki, S. Kawai, Y. Kondo, T. Motobayashi, M. Notani, T. Ohnishi, A. Ozawa, H. Sakurai, S. Shimoura, E. Takeshita, S. Takeuchi, I. Tanihata, Y. Togano, C. Wu, Y. Yamaguchi, Y. Yanagisawa, A. Yoshida, K. Yoshida
Physics Letters B 614 (2005) 174-180.
85. Excited states in neutron-rich boron isotopes [*]
R. Kanungo, Z. Elekes, H. Baba, Zs. Dombrádi, Zs. Fülöp, J. Gibelin, Á. Horváth, Y. Ichikawa, E. Ideguchi, N. Iwasa, H. Iwasaki, S. Kawai, Y. Kondo, T. Motobayashi, M. Notani, T. Ohnishi, A. Ozawa, H. Sakurai, S. Shimoura, E. Takeshita, S. Takeuchi, I. Tanihata, Y. Togano, C. Wu, Y. Yamaguchi, Y. Yanagisawa, A. Yoshida, K. Yoshida
Physics Letters B 608 (2005) 206-214.
86. Quasielastic scattering of ^6He on ^9Be at 25 MeV/nucleon
Y.L.Ye, D.Y.Pang, D.X.Jiang, T. Zheng, Q.J.Wang, Z.H.Li, X.Q.Li, Y.C.Ge, C.Wu, G.L.Zhang, Q.Y.Hu, J.Wang, Z.Q.Chen, A. Ozawa, Y. Yamaguchi, R. Kanungo, I. Tanihata
Physical Review C 71 (2005) 014604-1 - 014604-8.
87. Experiment on synthesis of element 113 in the reaction $^{209}\text{Bi}(^{70}\text{Zn},n)^{278}113$
Kosuke Morita, Kouji Morimoto, Daiya Kaji, Takahiro Akiyama, Sin-ichi Goto, Hiromitsu Haba, Eiji Ideguchi, Rituparna Kanungo, Kenji Katori, Hiroyuki Koura, Hissaki Kudo, Tetsuya Ohnishi, Akira Ozawa, Toshimi Suda, Keisuke Sueki, HuShan Xu, Takayuki Yamaguchi, Akira Yoneda, Atsushi Yoshida and YuLiang Zhao.
Journal of Physical Society Japan 73 (2004) 2593-2596.

88. Neutron removal studies on ^{19}C [*]
M. Chiba, R. Kanungo, B. Abu-Ibrahim, S. Adhikari, D. Fang, N. Iwasa, K. Kimura, K. Maeda, S. Nishimura, T. Ohnishi, A. Ozawa, C. Samanta, T. Suda, T. Suzuki, Q. Wang, C. Wu, Y. Yamaguchi, K. Yamada, A. Yoshida, T. Zheng, I. Tanihata
 Nuclear Physics A 741 (2004) 29-41.

89. Study of the reaction cross section of ^{17}C from reaction cross section measurement
Cuie Wu, Y. Yamaguchi, A. Ozawa, R. Kanungo, I. Tanihata, T. Suzuki, D.Q. Fang, T. Suda, T. Ohnishi, M.Fukuda, N.Iwasa, T.Ohtsubo, T. Izumikawa, R. Koyama, W. Shinozaki, M. Takahashi
 Nuclear Physics A 739 (2004) 3-14.

90. One- and two-proton removal from ^{15}O [*]
H.Jeppesen, R. Kanungo, B. Abu-Ibrahim, S. Adhikari, M.Chiba, D. Fang, N.Iwasa, K. Kimura, K. Maeda, S. Nishimura, T. Ohnishi, A. Ozawa, C. Samanta T. Suda, T. Suzuki, I. Tanihata, Q. Wang, C. Wu, Y. Yamaguchi, K. Yamada, A. Yoshida, T. Zheng
 Nuclear Physics A 739 (2004) 57-66.

91. Two-proton halo in ^{17}Ne [*]
Rituparna Kanungo
 Nuclear Physics A 738 (2004) 293-297.

92. Neutron configuration of ^{16}C studied via one- and two-neutron removal momentum distributions
T. Yamaguchi, T. Zheng, A. Ozawa, M. Chiba, R. Kanungo, T. Kato, K. Morimoto, T. Ohnishi, T. Suda, Y. Yamaguchi, A. Yoshida, K. Yoshida and I. Tanihata
 Nuclear Physics A 734 (2004) E73-E76.

93. Two-proton halo in ^{17}Ne [*]
R. Kanungo
 Nuclear Physics A 734 (2004) 337-340.

94. Production and decay properties of $^{272}\text{Rg}_{111}$ and its daughter nuclei
K. Morita, K. Morimoto, D. Kaji, H. Haba, E. Ideguchi, J.C.Peter, R. Kanungo, K. Katori, H. Koura, H. Kudo, T. Ohnishi, A. Ozawa, T. Suda, K. Sueki, I. Tanihata, H. Xu, A.V. Yeremin, A. Yoneda, A. Yoshida, Y.-L. Zhao and T. Zheng, S. Goto, F. Tokanai
 Journal of Physical Society Japan 73 (2004) 1738-1744.

95. Status of superheavy element research using GARIS, RIKEN
K. Morita, K. Morimoto, D. Kaji, S. Goto, H. Haba, E. Ideguchi, R. Kanungo, K. Katori, H. Koura, H. Kudo, T. Ohnishi, A. Ozawa, J.C.Peter, T. Suda, K. Sueki, I. Tanihata, F. Tokanai, H. Xu, A.V. Yeremin, A. Yoneda, A. Yoshida, Y.-L. Zhao and T. Zheng
 Nuclear Physics A 734 (2004) 101-108.

96. Production and decay of the isotope $^{271}\text{Ds}(Z=110)$

K. Morita, K. Morimoto, D. Kaji, H. Haba, E. Ideguchi, R. Kanungo, K. Katori, H. Koura, H. Kudo, T. Ohnishi, A. Ozawa, T. Suda, K. Sueki, I. Tanihata, H. Xu, A.V. Yeremin, A. Yoneda, A. Yoshida, Y.-L. Zhao and T. Zheng
European Physical Journal A 21 (2004) 257-263.

97. One neutron halo structure in ^{15}C
D.Q. Fang, T. Yamaguchi, T. Zheng, A. Ozawa, M. Chiba, R. Kanungo, T. Kato, K. Morimoto, T. Ohnishi, T. Suda, Y. Yamaguchi, A. Yoshida, K. Yoshida, and I. Tanihata
Physical Review C 69 (2004) 034613-1 - 034613-6
98. Possibility of a two-proton halo in ^{17}Ne [*]
R. Kanungo, M. Chiba, S. Adhikari, D. Fang, N. Iwasa, K. Kimura, K. Maeda, S. Nishimura, Y. Ogawa, T. Ohnishi, A. Ozawa, C. Samanta, T. Suda, T. Suzuki, Q. Wang, C. Wu, Y. Yamaguchi, K. Yamada, A. Yoshida, T. Zheng, I. Tanihata
Phys.ics Letters B. 571 (2003) 21-28
99. Halo and skin nuclei. [*]
Isao Tanihata and Rituparna Kanungo
C.R. Physique 4 (2003) 437
100. Experimental evidence for ^7H and for a specific structure of ^8He .
A.A. Korshennikov, E.Yu. Nikolskii, E.A. Kuzmin, A. Ozawa, K. Morimoto, F. Tokanai, R. Kanungo, I. Tanihata, N.K. Timofeyuk, M.S. Golovkov, A.S. Fomichev, A.M. Rodin, M.L. Chelnokov, G.M. Ter-Akopian, W. Mittig, P. Roussel-Chomaz, H. Savajols, E. Pollacco, A.A. Ogloblin, M.V. Zhukov
Physical Review Letters 90 (2003) 082501-1 - 082501-4.
101. Nuclear shell changes at the limit of stability [*]
Rituparna Kanungo
Nucl.ear Phys.ics A 722 (2003) 30c-35c.
102. Reply to Comment on : Experimental evidence of core modification in the near drip-line nucleus ^{23}O . [*]
Rituparna Kanungo, Masami Chiba, Naohito Iwasa, Shunji Nishimura, Akira Ozawa, Chhanda Samanta, Toshimi Suda, Takeshi Suzuki, Takayuki Yamaguchi, Tao Zheng, Isao Tanihata
Physical Review Letters 90 (2003) 159202-1 - 159202-2.
103. Momentum distribution of ^{14}C and ^{15}C fragments from ^{16}C breakup.
T. Yamaguchi, T. Zheng, A. Ozawa, M. Chiba, R. Kanungo, T. Kato, K. Morimoto, T. Ohnishi, T. Suda, Y. Yamaguchi, A. Yoshida, K. Yoshida, I. Tanihata
Nuclear Physics A 724 (2003) 3-13.
104. Search for ^{21}B .
A. Ozawa, Y. Yamaguchi, M. Chiba, R. Kanungo, K. Kimura, S. Momota, T. Suda, T. Suzuki, I. Tanihata, T. Zheng, S. Watanabe, T. Yamaguchi, and K. Yoshida
Phys.ical Review C 47 (2003) 014610-1 - 014610-4.

105. Production of neutron rich isotopes by fragmentation of 80MeV/nucleon ^{59}Co beam.
Le Hong Khiem, T. Kato, K. Morimoto, M. Notani, A. Ozawa, R. Kanungo, I. Tanihata, A. Yoshida
Physical Review C 722 (2003) 484c-488c..

106. Study of halo structure of ^{16}C from reaction cross section measurement.
T. Zheng, T. Yamaguchi, A. Ozawa, M. Chiba, R. Kanungo, T. Kato, K. Katori, K. Morimoto, T. Ohnishi, T. Suda, I. Tanihata, Y. Yamaguchi, A. Yoshida, K. Yoshida, H. Toki, N. Nakajima
Nuclear Physics A 709 (2002) 103-118.

107. Momentum distribution of ^{15}B fragments from the breakup of ^{17}B .
T. Suzuki, Y. Ogawa, M. Chiba, M. Fukuda, N. Iwasa, T. Izumikawa, R. Kanungo, Y. Kawamura, A. Ozawa, T. Suda, I. Tanihata, S. Watanabe, T. Yamaguchi, Y. Yamaguchi
Physics Review Letters 89 (2002) 012501-1 - 012501-4.

108. Experimental evidence of core modification in the near drip-line nucleus ^{23}O . [*]
Rituparna Kanungo, Masami Chiba, Naohito Iwasa, Shunji Nishimura, Akira Ozawa, Chhanda Samanta, Toshimi Suda, Takeshi Suzuki, Takayuki Yamaguchi, Tao Zheng, Isao Tanihata
Physical Review Letters 88 (2002) 142502-1 - 142502-4.

109. Modification of shell structure in unstable nuclei. [*]
Rituparna Kanungo,
Progress in Theoretical Physics 146 (2002) 422.

110. Halo structure in ^{19}C [*]
Rituparna Kanungo, I. Tanihata, Y. Ogawa, H. Toki, A. Ozawa
Nuclear Physics A 701 (2002) 378c-382c.

111. Observation of new proton and neutron magic numbers [*]
Rituparna Kanungo, I. Tanihata, A. Ozawa
Physics Letters B 528 (2002) 58-64.

112. Observation of new proton and neutron magic numbers. [*]
Rituparna Kanungo, I. Tanihata, A. Ozawa
Nuclear Physics in the 21st century, Int. Nucl. Phys. Conf. INPC 2001.AIP Proceedings, 2001, p.741

113. Breakup of 72MeV ^7Li projectiles in the fields of ^{12}C and ^{197}Au nuclei
D.Gupta, C.Samanta, R.Kanungo, P.Basu, S.Roy, S.Kailas, A.Chatterjee, B.J.Roy, K.Mahata, A.Samant, and A.Shrivastava
Pramana 57 (2001) 209

114. Possibility of enlarged core structure of N=15 neutron rich nuclei [*]

Rituparna Kanungo, I. Tanihata, A. Ozawa
Physics Letters B 512 (2001) 261-267.

115. Halo structure in ^{19}C : a Glauber model analysis [*]
Rituparna Kanungo, I. Tanihata, Y. Ogawa, H. Toki and A. Ozawa
Nuclear Physics A 677(2000) 171-186.
116. Inverse proton scattering from unstable nuclei with halo [*]
Rituparna Kanungo
Proceedings of the RCNP-TMU Symposium, Spins in Nuclear and Hadronic Reactions, World Scientific, 2000, p.183.
117. Effect of smeared ^4He -core in $^6\text{He}+p$ scattering
D.Gupta, C.Samanta, R.Kanungo
Acta Physica Polonica B31, (2000) 471-477.
118. Consistent Analysis of Proton Elastic Scattering from $^{4,6,8}\text{He}$ and $^{6,7,9,11}\text{Li}$ in the Energy Range of 25-75A MeV
D.Gupta, C.Samanta, R.Kanungo
Nuclear Physics A674, (2000) 77-94.
119. Soft dipole resonance in ^{11}Li [*]
Rituparna Kanungo, I. Tanihata and C. Samanta
Progress in Theoretical Physics 102 (1999) 1133-1149.
120. Nuclear radii of $^{17,19}\text{B}$ and ^{14}Be
T.Suzuki, R.Kanungo, O. Bochkarev, L. Chulkov, D. Cortina, M. Fukuda, H. Giessel, M. Hellstrom, M. Ivanov, R. Janik, K. Kimura, T. Kobayashi, A.A. Korshennikov, G. Munzenberg, F. Nickel, A.A.Ogloblin, A.Ozawa, M.Pfutzner, V.Pribora, H.Simon, B.Sitar, P. Strmen, K. Sumiyoshi, K. Summerer, I. Tanihata, M. Winkler, K. Yoshida
Nuclear Physics A 658 (1999) 313-326.
- 121.Measurement of 42 MeV ^7Li Projectile Breakup on ^{58}Ni Target Beyond Grazing Incidence
D.Gupta, C.Samanta, R.Kanungo, M.K.Sharan, S.Kailas, A.Chatterjee, K.Mahata, A.Shrivastava
Nuclear Physics A646, (1999) 161-174.
122. Is the 1.3MeV excited state in ^{11}Li a signature of pygmy resonance ? [*]

R. Kanungo and C. Samanta

Journal of Physics G 24 (1998) 1611-1616.

123. Halo structure of ${}^{11}\text{Li}$ in proton scattering : a folding model description with isospin density and momentum dependent effective interaction. [*]

R. Kanungo and C. Samanta

Nuclear Physics A 617 (1997) 265-281.

124. Wide angle measurement of ${}^6\text{Li}$ projectile fragmentation on ${}^{197}\text{Au}$. [*]

Rituparna Kanungo, T. Sinha, C. Samanta, Subinit Roy, A. Chatterjee, B.J. Roy and S. Ray

Nuclear Physics A 599 (1996) 579-592.

125. Coupling effect of resonant and discretized non-resonant continuum states in ${}^4\text{He}+{}^6\text{Li}$ scattering at 10 MeV/A.

T. Sinha, Rituparna Kanungo, C. Samanta, Sudip Ghosh, P. Basu and H. Rebel

Zeitschrift für Physik A 355 (1996) 397-400.

126. Deuteron breakup at extreme forward angle : failure of pure Coulomb dissociation description

C. Samanta, Sanjukta Mukherjee, Rituparna Kanungo and D.N. Basu

Physical Review C 53 (1996) 2287-2295.

127. Studies of continuum coupling effects in ${}^6\text{Li}(\alpha, \alpha')$ and ${}^6\text{Li}(p, p')$ excitation [*]

R. Kanungo, M. Lahiri, C. Samanta and H. Rebel

International Journal of Modern Physics E 4 (1995) 827-841.

128. Coulomb nuclear interference in 56 MeV deuteron breakup at extreme forward angle

C. Samanta, Rituparna Kanungo, Sanjukta Mukherjee and D.N. Basu

Physics Letters B 352 (1995) 197-200.

129. Continuum coupling with discretized ${}^6\text{Li} \rightarrow \alpha + d$ breakup continuum data [*]

Rituparna Kanungo, M. Lahiri, C. Samanta and H. Rebel

Zeitschrift für Physik A 351 (1995) 9-10.

130. Analyzing power puzzle of $p+{}^6\text{Li}$ scattering : consistent analysis with density and momentum dependent finite range effective interaction. [*]

Rituparna Kanungo, C. Samanta, Subinit Roy, S.K. Samaddar

Nuclear Physics A 581 (1995) 294-314.