

A. Refereed papers

A-01. Nuclear Spin Polarization of Beta-Radioactive Nuclei Created by means of Tilted Foil Technique

Y. Nojiri, [S. Momota](#), A. Ozawa, A. Kitagawa, M. Fukuda, K. Matsuta, and T. Minamisono
Colloque de Physique, **C6 Suppl. 22** (1990) pp.549 - 552.

A-02. Polymer Foil Application to the Tilted Foil Technique

A. Ozawa, [S. Momota](#), A. Kitagawa, Y. Matsuo, Y. Takahashi, M. Sakamoto, K. Matsuta, Y. Nojiri, T. Minamisono, and T. Nagasawa
Hyperfine Interactions, **61** (1990) pp.1383 - 1386.

A-03. NMR on Beta-Emitter ^{43}Ti Produced through Projectile Fragmentation Relativistic Heavy-Ion Collisions

K. Matsuta, Y. Nojiri, T. Minamisono, K. Sugimoto, M. Izumi, A. Kitagawa, A. Ozawa, Y. Matsuo, [S. Momota](#), T. Ohtsubo, K. Omata, I. Tanihata, K. Shida, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, **61** (1990) pp.1387 - 1390.

A-04. A Fragment Separator at LBL for the Beta-NMR Experiment

K. Matsuta, A. Ozawa, Y. Nojiri, T. Minamisono, M. Fukuda, A. Kitagawa, T. Ohtsubo, [S. Momota](#), S. Fukuda, Y. Matsuo, H. Takechi, I. Minami, and K. Sugimoto
Nuclear Instruments and Methods in Physics Research, **B70** (1992) pp.304 - 308.

A-05. Observation of Spin Polarization of Projectile Fragments from 106A MeV $^{40}\text{Ca}+\text{Au}$ Collisions

K. Matsuta, A. Ozawa, Y. Nojiri, T. Minamisono, M. Fukuda, A. Kitagawa, [S. Momota](#), T. Ohtsubo, Y. Matsuo, H. Takechi, S. Fukuda, I. Minami, and K. Sugimoto
Physics Letters, **B281** (1992) pp.214 - 218.

A- 06. Beta-NMR Detection of Beta-Emitting Fragment ^{43}Ti

K. Matsuta, A. Ozawa, Y. Nojiri, T. Minamisono, M. Fukuda, [S. Momota](#), T. Ohtsubo, S. Fukuda, K. Sugimoto, I. Tanihata, K. Yoshida, K. Omata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, **78** (1993) pp.123 - 126.

A-07. Fragment Polarization of ^{43}Ti in the $^{46}\text{Ti}+\text{C}$ Collision

K. Matsuta, A. Ozawa, Y. Nojiri, T. Minamisono, M. Fukuda, [S. Momota](#), T. Ohtsubo, S. Fukuda, K. Sugimoto, I. Tanihata, K. Yoshida, K. Omata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, **78** (1993) pp.127 - 131.

A-08. Hyperfine Interactions of Short-Lived Beta-Emitter ^8Li in Ferromagnetic Ni

Y. Nojiri, [S. Momota](#), M.-B. Tanaka, T. Yanagisawa, M. Fukuda, K. Matsuta, and T. Minamisono
Hyperfine Interactions, **78** (1993), pp.567 - 571.

A-09. Production of Unstable Nuclei Far from Stability Line - Its Scope and Limitations

K. Matsuta, A. Ozawa, Y. Nojiri, T. Minamisono, M. Fukuda, [S. Momota](#), T. Ohtsubo, S. Fukuda, K. Sugimoto, I. Tanihata, K. Yoshida, K. Omata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, **80** (1993) pp.1219 - 1238.

A-10. Hyperfine Quantum Beat of Short-Lived Beta-Emitter ^8Li Polarized by the Tilted Foil Technique

S. Momota, Y. Nojiri, M.-B. Tanaka, T. Yanagisawa, M. Fukuda, K. Matsuta, and T. Minamisono
Hyperfine Interactions, 80 (1993) pp.1275 - 1279.

A-11. Nuclear Spin Dependence of Polarization Enhancement by Multi-Tilted Foils Studied by Short-Lived Beta-Emitters ^8B and ^{12}B

S. Momota, Y. Nojiri, M.-B. Tanaka, T. Yanagisawa, M.-Y. Tanaka, M. Fukuda, K. Matsuta, and T. Minamisono
Hyperfine Interactions, 80 (1993) pp.1281 - 1286.

A-12. Hyperfine Interaction of ^{13}O and ^{23}Mg Implanted in Pt

K. Matsuta, T. Minamisono, M. Tanigaki, M. Fukuda, Y. Nojiri, M. Mihara, T. Onishi, T. Yamaguchi, A. Harada, M. Sasaki, T. Miyake, K. Minamisono, T. Fukao, K. Sato, Y. Matsumoto, T. Ohtsubo, S. Fukuda, S. Momota, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, 97/98 (1996) pp.501-508.

A-13. Magnetic Moments of Proton Drip-Line Nuclei ^{13}O and ^9C

K. Matsuta, M. Fukuda, M. Tanigaki, T. Minamisono, Y. Nojiri, M. Mihara, T. Onishi, T. Yamaguchi, A. Harada, M. Sasaki, T. Miyake, K. Minamisono, T. Fukao, K. Sato, Y. Matsumoto, T. Ohtsubo, S. Fukuda, S. Momota, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, 97/98 (1996) pp.519-526.

A-14. Mechanism of the Nuclear Polarization Production by the Tilted Foil Technique

S. Momota, Y. Nojiri, Y. Matsumoto, T. Onishi, M. Fukuda, K. Matsuta, and T. Minamisono
Hyperfine Interactions, 1(C) (1996) pp.593-596.

A-15. Quadrupole Moment of Proton Drip-Line Nucleus ^{13}O ($I^\pi = 3/2^-, T_{1/2} = 8.6 \text{ ms}$)

M. Tanigaki, K. Matsuta, M. Fukuda, T. Minamisono, Y. Nojiri, M. Mihara, T. Onishi, K. Minamisono, T. Fukao, K. Sato, Y. Matsumoto, T. Ohtsubo, S. Fukuda, S. Momota, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, J. R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, 1(C) (1996) pp.549-552.

A-16. Hyperfine Interactions of Short-Lived Beta-Emitter ^{12}B in Ferromagnetic hcp Co and bcc Co ($I^\pi = 3/2^-, T_{1/2} = 8.6 \text{ ms}$)

Y. Nojiri, T. Yanagisawa, M.-B. Tanaka, S. Momota, T. Onishi, Y. Matsumoto, M. Fukuda, K. Matsuta, T. Minamisono, and G. Langouche
Hyperfine Interactions, 1(C) (1996) pp.41-44.

A-17. Spectroscopy of the halo nucleus ^{11}Li by an experimental study of $^{11}\text{Li}+p$ collisions

A. A. Korshennikov, E. Yu. Nikolskii, T. Kobayashi, A. Ozawa, S. Fukuda, E. A. Kuzmin, S. Momota, B. G. Novatskii, A. A. Ogloblin, V. Pribora, I. Tanihata, and K. Yoshida
Physical Review C, 53 (1996), pp. R537 - R540.

A-18. Elastic and inelastic scattering of exotic nuclei

A.A. Korshennikov, E.A. Kuzmin, E.Yu. Nikolskii, C.A. Berturani, O.V. Bochkarev, S. Fukuda, T. Kobayashi, [S. Momota](#), B.G. Novatskii, A.A. Ogloblin, A. Ozawa, V. Pribora, I. Tanihata, and K. Yoshida

Nuclear Physics A, **616** (1997), pp.189 – 200.

A-19. Scattering of radioactive nuclei ^6He and ^3H by protons: Effects of neutron skin and halo in ^6He , ^8He , and ^{11}Li

A.A. Korshennikov, E.Yu. Nikolskii, C.A. Berturani, S. Fukuda, T. Kobayashi, E.A. Kuzmin, [S. Momota](#), B.G. Novatskii, A.A. Ogloblin, A. Ozawa, V. Pribora, I. Tanihata, and K. Yoshida

Nuclear Physics, **617** (1997), pp.45-56.

A-20. $L = 1$ Excitation in the Halo Nucleus ^{11}Li

A. A. Korshennikov, E. A. Kuzmin, E. Yu. Nikolskii, O. V. Bochkarev, S. Fukuda, S. A. Goncharov, S. Ito, T. Kobayashi, [S. Momota](#), B. G. Novatskii, A. A. Ogloblin, A. Ozawa, V. Pribora, I. Tanihata, and K. Yoshida

Physical Review Letters, **28** (1997) pp.2317-2320

A-21. Neutron pre-emission at the fusion of ^{11}Li halo nuclei with Si targets

M. Petrascu, I. Tanihata, T. Kobayashi, A. Isbasescu, H. Petrascu, A. Korshennikov, E. Nikolski, S. Fukuda, H. Kumagai, [S. Momota](#), A. Ozawa, K. Yoshida, C. Bordeanu, I. David, I. Lazar, I. Mihai, G. Vaman, and M. Giurgiu

Physics Letters B , **405** (1997) pp.224-229.

A-22. Measurement of the β -decay branching ratio of ^{17}Ne into the first excited state of ^{17}F

A. Ozawa, M. Fujimaki, S. Fukuda, S. Ito, T. Kobayashi, [S. Momota](#), T. Suzuki, I. Tanihata, K. Yoshida, G. Kraus, and G. Müntzenberg

J Phys. G, **24** (1998) pp.143-150.

A-23. Knight Shifts for Short-Lived Beta Emitters in Pt

K. Matsuta, T. Minamisono, M. Tanigaki, T. Onishi, M. Fukuda, M. Mihara, H. Akai, M. Sasaki, T. Yamaguchi, T. Miyake, K. Sato, K. Minamisono, C. Ha, K. Tanaka, K. Kidera, A. Morishita, S. Kaminaka, T. Tsubota, T. Sumikama, A. Kitagawa, M. Torikoshi, M. Kanazawa, T. Nishio, S. Koda, T. Ohtsubo, Y. Nojiri, [S. Momota](#), S.S. Hanna, J.R. Alonso, G.F. Krebs, and T.J.M. Symons

Hyperfine Interactions, **120/121** (1999) pp.719-723.

A-24. Spin Polarization of Beta-Emitting Fragments in High Energy Heavy Ions on Be Collisions

K. Matsuta, T. Onishi, M. Fukuda, T. Minamisono, M. Mihara, M. Sasaki, T. Yamaguchi, T. Miyake, K. Sato, K. Minamisono, F. Ohsumi, Y. Muramoto, S. Oui, C. Ha, K. Tanaka, K. Kidera, A. Morishita, T. Tsubota, T. Sumikama, A. Kitagawa, M. Torikoshi, M. Kanazawa, T. Nishio, S. Koda, T. Ohtsubo, S. Fukuda, Y. Nojiri, [S. Momota](#), A. Ozawa, K. Yoshida, T. Suzuki, T. Kobayashi, I. Tanihata, S.S. Hanna, J.R. Alonso, G.F. Krebs, and T.J.M. Symons

Hyperfine Interactions, **120/121** (1999) pp.713-717.

- A-25. Electromagnetic Moments of Short Lived Beta Emitters ^{21}F , ^{23}Mg , ^{27}Si , ^{39}Ca
K. Matsuta, T. Onishi, M. Fukuda, T. Minamisono, H. Akai, M. Sasaki, T. Yamaguchi, T. Miyake, K. Sato, K. Minamisono, F. Ohsumi, Y. Muramoto, S. Oui, C. Ha, K. Tanaka, K. Kidera, A. Morishita, A. Kitagawa, M. Torikoshi, M. Kanazawa, T. Nishio, S. Koda, T. Ohtsubo, S. Fukuda, Y. Nojiri, S. Momota, A. Ozawa, K. Yoshida, T. Suzuki, T. Kobayashi, I. Tanihata, S.S. Hanna, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, **120/121** (1999) pp.673-677.
- A-26. Hyperfine Interactions of ^{19}O in TiO_2 and Quadrupole Moments of $^{13,19}\text{O}$
K. Sato, T. Miyake, A. Morishita, K. Matsuta, T. Minamisono, M. Tanigaki, S. Takeda, M. Mihara, M. Fukuda, Y. Nojiri, K. Minamisono, T. Fukao, Y. Matsumoto, T. Ohtsubo, S. Fukuda, S. Momota, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, H. Sagawa, H. Kitagawa, G.F. Krebs, J.R. Alonso, and T.J.M. Symons
Hyperfine Interactions, **120/121** (1999) pp.661-665.
- A-27. Quadrupole moments of short-lived β -emitters $^{13,19}\text{O}$ and ^{21}F
K. Sato, M. Tanigaki, T. Onishi, M. Fukuda, T. Minamisono, M. Mihara, K. Matsuta, S. Takeda, M. Sasaki, T. Yamaguchi, T. Miyake, K. Minamisono, A. Morishita, F. Osumi, Y. Muramoto, S. Oui, T. Fukao, Y. Matsumoto, T. Ohtsubo, S. Fukuda, Y. Nojiri, S. Momota, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, A. Kitagawa, M. Torikoshi, M. Sagawa, H. Kitagawa, T. Suzuki, T. Kobayashi, I. Tanihata, S.S. Hanna, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Nuclear Physics A, **654(C)** (1999) pp.735-738.
- A-28. Density Distribution of ^8B Studied via Reaction Cross Sections
M. Fukuda, M. Mihara, T. Fukao, S. Fukuda, M. Ishihara, S. Ito, T. Kobayashi, K. Matsuta, T. Minamisono, S. Momota, T. Nakamura, Y. Nojiri, Y. Ogawa, T. Ohtsubo, T. Onishi, A. Ozawa, T. Suzuki, M. Tanigaki, I. Tanihata, and K. Yoshida
Nuclear Physics A, **656** (1999) pp.209-228.
- A-29. Quadrupole Moment of the Proton Drip-Line Nuclide ^{13}O
K. Matsuta, K. Sato, M. Fukuda, T. Yamaguchi, M. Sasaki, T. Miyake, K. Minamisono, T. Minamisono, M. Tanigaki, T. Ohtsubo, T. Onishi, Y. Nojiri, S. Momota, F. Fukuda, K. Yoshida, A. Ozawa, T. Kobayashi, I. Tanihata, J.R. Alonso, G.F. Krebs, T.J.M. Symons, H. Kitagawa, and H. Sagawa
Physics Letters B, **459** (1999) pp.81-85.
- A-30. Nuclear spin alignment of $^{12,13}\text{B}$ produced in heavy ion collisions
T. Nagatomo, K. Matsuta, K. Hashimoto, M. Ota, K. Arimura, K. Minamisono, T. Sumikama, M. Ogura, T. Iwakoshi, T. Miyake, S. Kudo, K. Akutsu, T. Minamisono, M. Fukuda, M. Mihara, S. Momota, Y. Nojiri, A. Kitagawa, M. Torikoshi, M. Kanazawa, M. Suda, M. Hirai, T.J.M. Symons, G.F. Krebs, J.R. Alonso, S.Y. Zhu, J.Z. Zhu, and Y.J. Xu
Hyperfine Interactions, **136/137** (2001) pp.233-237.
- A-31. Electromagnetic Moments of the Beta-Emitting Nucleus ^{16}N
K. Matsuta, T. Miyake, K. Minamisono, Morishita, S. Momota, Y. Nojiri, M. Mihara, M. Fukuda, K. Sato, S.Y. Zhu, H. Kitagawa, H. Sagawa, and T. Minamisono
Physics Review Letters, **86** (2001) pp.3735-3738.

- A-32. Mechanism of polarization production by means of the tilted-foil technique studied using beta-radioactive nuclei
S. Momota, Y. Nojiri, M. Fukuda, K. Matsuta, and T. Minamisono
Hyperfine Interactions, **142** (2002) pp.513-548.
- A-33. Production of projectile-like fragments at intermediate energies
S. Momota, M. Notani, S. Ito, A. Ozawa, T. Suzuki, I. Tanihata, N. Aoi, H. Sakurai, T. Teranishi, Y. Watanabe, A. Yoshida, A. Inabe, T. Kubo, H. Okuno, N. Fukuda, H. Iwasaki, K. Yoneda, H. Ogawa, A. Kitagawa, M. Kanazawa, M. Torikoshi, M. Suda, and A. Ono
Nuclear Physics A, **701(C)** (2002) pp.150-155.
- A-34. Precise magnetic moment of short lived beta emitter ^{35}Ar
K. Matsuta, T. Tsubota, C. Ha, T. Miyake, M. Sasaki, K. Sato, K. Minamisono, K. Tanaka, S. Kaminaka, A. Takemura, T. Sumikama, T. Nagatomo, K. Hashimoto, M. Mihara, M. Fukuda, T. Minamisono, T. Ohtsubo, Y. Nojiri, S. Momota, A. Kitagawa, M. Torikoshi, M. Kanazawa, S. Koda, T. Nishio, M. Suda, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Nuclear Physics A, **701** (2002) pp.383-386.
- A-35. Recent studies on the nuclear moments of light mirror nuclei ($T = 1/2, 3/2$)
K. Matsuta, T. Minamisono, M. Fukuda, M. Mihara, K. Sato, K. Minamisono, T. Yamaguchi, T. Onishi, T. Miyake, M. Sasaki, M. Tanigaki, T. Ohtsubo, S. Momota, Y. Nojiri, K. Yoshida, A. Ozawa, I. Tanihata, A. Kitagawa, M. Torikoshi, M. Kanazawa, S. Koda, T. Nishio, M. Suda, J.R. Alonso, G.F. Krebs, T.J.M. Symons, S.S. Hanna, and other Osaka-RIKEN-HIMAC-LBL Collaboration members
Nuclear Physics A, **704** (2002) pp.98-106.
- A-36. 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
Physics Review C, **67** (2003) pp.014610.
- A-37. Momentum Distributions and Production Cross Sections of Projectile-like Fragments
S. Momota, I. Tanihata, A. Ozawa, M. Notani, K. Yoshida, K. Morimoto, T. Onishi, T. Yamaguchi, A. Yoshida, Y.X. Watanabe, L. Zhong, M. Kanazawa, A. Kitagawa, M. Suda, and Y. Nojiri
Nuclear Physics A, **746(C)** (2004) pp.407 - 410.
- A-38. Nuclear Spin Orientation of $^{12,13}\text{B}$ Created in Heavy Ion Collisions
T. Nagatomo, K. Matsuta, K. Akutsu, T. Iwakoshi, Y. Nakashima, T. Sumikama, M. Ogura, T. Minamisono, M. Fukuda, M. Mihara, K. Minamisono, T. Miyake, S. Momota, Y. Nojiri, A. Kitagawa, M. Sasaki, M. Torikoshi, M. Kanazawa, M. Suda, M. Hirai, S.Y. Zhu, J.Z. Zhu, Y.J. Xu, Y.N. Zheng, T.M. Symons, G.F. Krebs, and J.R. Alonso
Nuclear Physics A, **746(C)** (2004) pp.505 - 508.

A-39. Precise Nuclear Moments of ^{13}B and The Beta-ray Angular Distribution

T. Nagatomo, K. Matsuta, K. Akutsu, T. Iwakoshi, Y. Nakashima, T. Sumikama, M. Ogura, T. Minamisono, M. Fukuda, M. Mihara, K. Minamisono, T. Miyake, S. Momota, Y. Nojiri, A. Kitagawa, M. Sasaki, M. Torikoshi, M. Kanazawa, M. Suda, M. Hirai, S.Y. Zhu, J.Z. Zhu, Y.J. Xu, Y.N. Zheng, T.M. Symons, G.F. Krebs, and J.R. Alonso
Nuclear Physics A, **746(C)** (2004), pp.509 - 512.

A-40. Density Distribution of Proton Drip-Line Nucleus ^{17}Ne

K. Tanaka, M. Fukuda, M. Mihara, M. Takechi, T. Chinda, T. Sumikama, S. Kudo, K. Matsuta, T. Minamisono, T. Suzuki, T. Ohtsubo, T. Izumikawa, S. Momota, T. Yamaguchi, T. Onishi, A. Ozawa, I. Tanihata, and Z. Tao
Nuclear Physics A, **746(C)** (2004), pp.532 - 535.

A-41. Magnetic Moment of ^{33}Cl

K. Matsuta, K. Arimura, T. Nagatomo, K. Akutsu, T. Iwakoshi, S. Kudo, M. Ogura, M. Takechi, K. Tanaka, T. Sumikama, K. Minamisono, T. Miyake, T. Minamisono, M. Fukuda, M. Mihara, A. Kitagawa, M. Sasaki, M. Kanazawa, M. Torikoshi, M. Suda, M. Hirai, S. Momota, Y. Nojiri, A. Sakamoto, M. Saihara, T. Ohtsubo, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Nuclear Physics A, **746(C)** (2004), pp.493 - 496.

A-42. First Operation of ECR Ion Source at KUT

S. Momota, Y. Nojiri, M. Saihara, A. Sakamoto, H. Hamagawa, and K. Hamaguchi
Review of Scientific Instruments, **75**(2004), pp.1497 - 1498.

A-43. Quadrupole Moment of Na Isotopes

M. Ogura, T. Nagatomo, K. Minamisono, K. Matsuta, T. Minamisono, Y. Nakashima, C.D.P. Levy, T. Sumikama, M. Mihara, H. Fujiwara, S. Kumashiro, M. Fukuda, J.A. Behr, K.P. Jackson, S. Momota, Y. Nojiri, T. Ohtsubo, M. Ohta, A. Kitagawa, M. Kanazawa, M. Torikoshi, S. Sato, M. Suda, J.R. Alonso, G.F. Krebs, and T.M. Symons
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A-44. Precise Nuclear Quadrupole Moments of ^8B and ^{13}B

T. Nagatomo, T. Sumikama, M. Ogura, K. Matsuta, Y. Nakashima, K. Akutsu, T. Iwakoshi, H. Fujiwara, T. Minamisono, M. Fukuda, M. Mihara, K. Minamisono, T. Miyake, S. Momota, Y. Nojiri, A. Kitagawa, M. Sasaki, M. Torikoshi, M. Kanazawa, M. Suda, M. Hirai, S. Sato, S.Y. Zhu, J.Z. Zhu, Y.N. Zheng, J.R. Alonso, G.F. Krebs, and T.M. Symons
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A-45. Nuclear Spin Orientation Created in Heavy Ion Collisions and the Sign of the Q Moment of ^{13}B

T. Nagatomo, K. Matsuta, Y. Nakashima, T. Sumikama, M. Ogura, K. Akutsu, T. Iwakoshi, H. Fujiwara, T. Minamisono, M. Fukuda, M. Mihara, T. Miyake, K. Minamisono, S. Momota, Y. Nojiri, A. Kitagawa, M. Sasaki, M. Torikoshi, M. Kanazawa, M. Suda, M. Hirai, S. Sato, S.Y. Zhu, J.Z. Zhu, Y.J. Xu, Y.N. Zheng, J.R. Alonso, G.F. Krebs, and T.M. Symons
Hyperfine Interactions, **159**(2004), pp.273 - 276.

A-46. Magnetic Moment and Spin of the Extremely Proton-Rich Nucleus ^{23}Al

K. Matsuta, Y. Nakashima, T. Nagatomo, A. Ozawa, K. Yamada, M. Mihara, S. Kumashiro, H. Fujiwara, [S. Momota](#), M. Ota, T. Ohtsubo, K. Yoshida, T. Sumikama, M. Ogura, K. Minamisono, M. Fukuda, T. Minamisono, Y. Nojiri, T. Suzuki, T. Izumikawa, I. Tanihata, J.R. Alonso, G.F. Krebs, and T.J.M. Symons
Hyperfine Interactions, 159(2004), pp.257 - 260.

A-47. Precision hfs of ^{126}Cs ($T_{1/2}=1.63$ m) by ABMR

J. Pinard, H.T.Duong, D.Marescaux, H.H.Stroke, O.Redi, M.Gustafsson, T.Nilsson, S.Matsuki, Y.Kishimoto, K. Kominato, I.Ogawa, M. Shibata, M.Tada, J.R. Persson, Y. Nojiri, [S. Momota](#), T.T. Inamura, M. Wakasugi, P.Juncar, T. Murayama, T. Nomura, M. Koizumi, and ISOLDE Collab.
Nuclear Physics A, 753 (2005), pp.3 - 12.

A-48. Application of Highly Charged Ar Ion Beams to Ion Beam Lithography

[S. Momota](#), Y. Nojiri, Y. Hamagawa, K. Hamaguchi, J. Taniguchi, and H. Ohno
Nuclear Instruments and Methods in Physics Research B242 (2006), pp.247 - 249.

A-49. Ion Beam Lithography by Use of Highly Charged Ar Ion Beam

[S. Momota](#), S. Iwamitsu, S. Goto, Y. Nojiri, J. Taniguchi, I. Miyamoto, H. Ohno, N. Morita, and N. Kawasegi
Review of Scientific Instruments, 77 (2006), 03C111.

A-50. Measurement of the spin and magnetic moment of ^{23}Al

A. Ozawa, K. Matsuta, T. Nagatomo, M. Mihara, K. Yamada, T. Yamaguchi, T. Ohtsubo, [S. Momota](#), T. Izumikawa, T. Sumikama, Y. Nakashima, H. Fujiwara, S. Kumashiro, R. Matsumiya, M. Ota, D. Shinojima, H. Tanaka, T. Yasuno, S. Nakajima, T. Suzuki, K. Yoshida, K. Muranaka, T. Maemura, A. Chiba, Y. Utsuno, M. Fukuda, K. Tanaka, I. Tanihata, Y. Nojiri, T. Minamisono, J. R. Alonso, G. F. Krebs, and T. J. M. Symons
Physical Review C, 74 (2006), 021301.

A-51. Rapid nanopatterning of a Zr-based metallic glass surface utilizing focused ion beam induced selective etching

N. Kawasegi, N. Morita, S. Yamada, N. Takano, T. Oyama, K. Ashida, J. Taniguchi, I. Miyamoto, [S. Momota](#), and H. Ofune
Applied Physics Letters, 89 (2006), 143115.

A-52. Application of ECR Ion beam Irradiation for micro nano fabrication

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