

Publication list 2008

1. Physics Letters B 669, 19 (2008)

Yrast and non-yrast 2^+ states of ^{134}Ce and ^{136}Nd populated in relativistic Coulomb excitation

T.R. Saito, N. Saito, K. Starosta, J. Beller, N. Pietralla, H.J. Wollersheim, D.L. Balabanski, A. Banu, R.A. Bark, T. Beck, F. Becker, P. Bednarczyk, K.-H. Behr, G. Benzoni, P.G. Bizzeti, C. Boiano, A. Bracco, S. Brambilla, A. Brunle, A. Burger, L. Caceres, F. Camera, F.C.L. Crespi, P. Doornenbal, A.B. Garnsworthy, H. Geissel, J. Gerl, M. Gorska, J. Grebosz, G. Hagemann, J. Jolie, M. Kavatsyuk, O. Kavatsyuk, T. Koike, I. Kojouharov, N. Kurz, J. Leske, G.Lo Bianco, A. Maj, S. Mallion, S. Mandal, M. Maliage, T. Otsuka, C.M. Petrache, Zs. Podolyak, W. Prokopowicz, **G. Rainovski**, P. Reiter, A. Richard, H. Schaffner, S. Schielke, G. Sletten, N.J. Thompson, D. Tonev, J. Walker, N. Warr, O. Wieland, Q. Zhong

2. Physical Review C 78, 031302 (2008)

Lifetime measurement of candidate chiral doublet bands in the $^{103, 104}\text{Rh}$ isotopes with the recoil-distance Doppler-shift method in inverse kinematics

T. Suzuki, **G. Rainovski**, T. Koike, T. Ahn, M.P. Carpenter, A. Costin, **M. Danchev**, A. Dewald, R.V.F. Janssens, P. Joshi, C.J. Lister, O. Moller, N. Pietralla, T. Shinozuka, J. Timar, R. Wadsworth, C. Vaman, S. Zhu

3. Nuclear Instruments & Methods in Physics Research A 590, 69 (2008)

Boron foils for RDDS experiment

A.R. Lipski, **G. Rainovski**, N. Pietralla, A. Dewald

4. Physical Review C 77, 052501 (2008)

Polarization and relaxation rates of radon

E.R. Tardiff, J.A. Behr, T.E. Chupp, K. Gulyuz, R.S. Lefferts, W. Lorenzon, S.R. Nuss-Warren, M.R. Pearson, N. Pietralla, **G. Rainovski**, J.F. Sell, G.D. Sprouse

5. Physical Review Letters 100, 112502 (2008)

Interplay between Single-Particle and Collective Effects in the Odd-A Cu Isotopes beyond $N = 40$

I. Stefanescu, G. Georgiev, D.L. Balabanski, N. Blasi, A. Blazhev, N. Bree, J. Cederkall, T.E. Cocolios, T. Davinson, J. Diriken, J. Eberth, A. Ekstrom, D. Fedorov, V.N. Fedosseev, L.M. Fraile, S. Franchoo, **K. Gladnishki**, M. Huyse, O. Ivanov, V. Ivanov, J. Iwanicki, J. Jolie, T. Konstantinopoulos, Th. Kröll, R. Krücken, U. Koster, A. Lagoyannis, G. Lo Bianco, P. Maierbeck, B.A. Marsh, P. Napiorkowski, N. Patronis, D. Pauwels, **G. Rainovski**, P. Reiter, K. Riisager, M. Seliverstov, G. Sletten, J. Van de Walle, P. Van Duppen, D. Voulot, N. Warr, F. Wenander, K. Wrzosek

6. Phys.Lett. B 664, 241 (2008)

Measurement of g factors of excited states in radioactive beams by the transient field technique: ^{132}Te

N.Benczer-Koller, G.J.Kumbartzki, G.Gurdal, C.J.Gross, A.E.Stuchbery, B.Krieger, R.Hatarik, P.O'Malley, S.Pain, L.Segen, C.Baktash, J.Beene, D.C.Radford, C.H.Yu, N.J.Stone, J.R.Stone, C.R.Bingham, **M.Danchev**, R.Grzywacz, C.Mazzocchi

7. Physical Review C 77, 064313 (2008)

“New sub- μs isomers in $^{125,127,129}\text{Sn}$ and isomer systematics of $^{124-130}\text{Sn}$ ”

R. L. Lozeva, G. S. Simpson, H. Grawe, G. Neyens, L. A. Atanasova, D. L. Balabanski, D. Bazzacco, F. Becker, P. Bednarczyk, G. Benzoni, N. Blasi, A. Blazhev, A. Bracco, C. Brandau, L. Cáceres, F. Camera, S. K. Chamoli, F. C. L. Crespi, J.-M. Daugas, P. Detistov, M. De Rydt, P. Doornenbal, C. Fahlander, E. Farnea, G. Georgiev, J. Gerl, **K. A. Gladnishki**, M. Górska, J. Grebosz, M. Hass, R. Hoischen, G. Ilie, M. Ionescu-Bujor, A. Iordachescu, J. Jolie, A. Jungclaus, M. Kmiecik, I. Kojouharov, N. Kurz, S. P. Lakshmi, G. Lo Bianco, S. Mallion, A. Maj, D. Montanari, O. Perru, M. Pfützner, S. Pietri, J. A. Pinston, Zs. Podolyák, W. Prokopowicz, D. Rudolph, G. Rusev, T. R. Saitoh, A. Saltarelli, H. Schaffner, R. Schwengner, S. Tashenov, K. Turzó, J. J. Valiente-Dobón, N. Vermeulen, J. Walker, E. Werner-Malento, O. Wieland, and H.-J. Wollersheim

8. Physical Review C 78, 047301 (2008)

“Coulomb excitation of $^{68}\text{Ni40}$ at “safe” energies”

N. Bree, I. Stefanescu, P. A. Butler, J. Cederkall, T. Davinson, P. Delahaye, J. Eberth, D. Fedorov, V. N. Fedosseev, L. M. Fraile, S. Franchoo, G. Georgiev, **K. Gladnishki**, M. Huyse, O. Ivanov, J. Iwanicki, J. Jolie, U. Koster, Th. Kröll, R. Krücken, B. A. Marsh, O. Niedermaier, P. Reiter, H. Scheit, D. Schwalm, T. Sieber, J. Van de Walle, P. Van Duppen, N. Warr, D. Weisshaar, F. Wenander, and S. Zemlyanov

9. Physical Review C 78, 069904 (2008)

“High-spin States in $^{191,193}\text{Au}$ and ^{192}Pt : Evidence for Oblate Deformation and Triaxial Shapes”

Y. Oktem, D. L. Balabanski, B. Akkus, C. W. Beausang, M. Bostan, R. F. Casten, **M. Danchev**, M. Djongolov, M. N. Erduran, S. Erturk, **K. A. Gladnishki**, G. G'urda, J. Tm. Goon, D. J. Hartley, A. A. Hecht, R. Kr'ucken, N. Nikolov, J. R. Novak, G. Rainovski, L. L. Riedinger, I. Yigitoglu, N. V. Zamfir, and O. Zeidan