



Curriculum Vitae

HRZZ Form

PERSONAL INFORMATION

Name and surname **Zoran Basrak**
 Academic title Ph.D.
 Year and institution of PhD obtained 1980, University of Zagreb
 Address Ruđer Bošković Institute, Zagreb
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 Personal web page <http://lnr.irb.hr/zbasrak/>
 Citizenship Croatian
 Date and place of birth 6.10.1949, Sarajevo

WORK EXPERIENCE¹ (CHRONOLOGICALLY*)

Date (from – until) 2008 -
 Institution *Ruđer Bošković Institute, Zagreb*
 Position Head of the Laboratory for Nuclear Physics
 Work field *Low and intermediate energies nuclear physics*

Date (from – until) 2007 -
 Institution *Ruđer Bošković Institute, Zagreb*
 Position Project leader
 Work field *Research project Heavy-Ion Physics (098-1191005-2879)*

Date (from – until) 2006 - 2008
 Institution *Ruđer Bošković Institute, Zagreb*
 Position Project leader
 Work field *Bilateral project Croatia-India (Heavy Ion Nucl. Reaction Dynamics Studies).*

Date (from – until) 2005 – 2008
 Institution *Ruđer Bošković Institute, Zagreb*
 Position *National coordinator of the project*
 Work field *EU Infrastructural project in nuclear physics FP6 I3 EURONS*

Date (from – until) 2002 - 2006
 Institution *Ruđer Bošković Institute, Zagreb*
 Position Project leader
 Work field *Research project Heavy-Ion Physics (0098010)*

Date (from – until) 1998 - 2001
 Institution *Ruđer Bošković Institute, Zagreb*
 Position Croatian partner
 Work field *Cotutelle convention with University of Strasbourg and Institute H. Curien*

Date (from – until) 1997, 1998, 1999, 2005, 2007, 2009, 2010
 Institution *Ministry of High Education and Science of France*
 Position *Visiting researcher-professor at Ecole des Mines de Nantes, Nantes, France.*

^{1,2,3} Please add rows to enter all required information

* all information in the document should be entered chronologically – from the most recent to the oldest

Work field *Leading phenomenological heavy-ion research project*
 Date (from – until) *1997 - 1999*
 Institution *Ruđer Bošković Institutue, Zagreb*
 Position *Croatian coordinator*
 Work field *Scientific and Education Network (France-Poland-Romania-Croatia).*
 Date (from – until) *1998*
 Institution *Ministry of High Education and Science of Italy*
 Position *Visiting scientist at INFN, Laboratori Nazionali del Sud, Catania*
 Work field *Leading computational Monte-Carlo simulation heavy-ion research project*
 Date (from – until) *1996*
 Institution *Ministry of High Education and Science of France*
 Position *Invited professor (professeur invite) of Louis Pasteur University, Strasbourg*
 Work field *Lecturing postgraduate course on intermediate energy heavy-ion physics*
 Date (from – until) *1994*
 Institution *Ministry of High Education and Science of France*
 Position *Visiting researcher at University of Nantes, Nantes, France.*
 Work field *Leading phenomenological heavy-ion research project*
 Date (from – until) *1994*
 Institution *Ministry of High Education and Science of France*
 Position *Visiting researcher at University of Caen, Caen, France.*
 Work field *Leading phenomenological heavy-ion research project*
 Date (from – until) *1989 - 1991*
 Institution *Ruđer Bošković Institutue, Zagreb*
 Position *Project coordinator (50 investigators from 14 institutions in former Yu).*
 Work field *Inter-republic fundamental research program Dynamics of Nuclear Processes*
 Date (from – until) *1986 - 1987*
 Institution *Ministry of High Education and Science of France*
 Position *Invited senior associate professor (maitre de conference de 1e classe) at University of Nantes*
 Work field *Lecturing on undergraduate level and phenomenological heavy-ion research*
 Date (from – until) *1986*
 Institution *Ministry of High Education and Science of France*
 Position *Visiting researcher in the CRN Strasbourg (nowadays Institute H. Curien)*
 Work field *Constructing a detection setup and participating in data taking and analysis*
 Date (from – until) *1981 - 1986*
 Institution *Ministry of Foreign Affaires/Science of Germany, DFG fellow*
 Position *Leading collaboration contract and co-supervisor of Diploma and Ph.D. work*
 Work field *Bilateral research project in heavy-ion nuclear physics with Univ. of Erlangen*
 Date (from – until) *1981 - 1983*
 Institution *Ministry of Foreign Affaires of France*
 Position *Leading collaboration contract*
 Work field *Bilateral research project in HI nuclear physics with CRN Strasbourg*

EDUCATION²
(CHRONOLOGICALLY)

Date *1975 – 1980*
 Place *Ruđer Bošković Institutue, CEN Saclay, CE Bruyer-le-Chatel, Tandemlaboratorium, Erlangen*
 Institution *Ruđer Bošković Institutue and University of Zagreb, Zagreb, Croatia*
 Title of qualification awarded *Ph. D. in Science/Physics*
 Date *1973 – 1975*
 Place *Ruđer Bošković Institutue, Zagreb, Croatia*

Institution	University of Zagreb, Zagreb, Croatia
Title of qualification awarded	M. Sc. in Nuclear and Particle Physics
Date	1968 – 1973
Place	Zagreb, Department of Physics (theoretical physics)
Institution	Faculty of Sciences, University of Zagreb, Zagreb, Croatia
Title of qualification awarded	B.Sc. in Physics

TRAINING (CHRONOLOGICALLY)

Year	Since 1991 a number of short stays
Place	Damstadt, Germany
Institution	Gesellschaft für Schwerionenforschung (GSI)
Subject and skills covered	Experimental Heavy-Ion Physics at Intermediate Energies
Year	Since 1981 dozens of short stays
Place	Strasbourg, Nantes, Caen, Orsay, (France) and Catania (Italy)
Institution	CRN (nowadays IPHC) Strasbourg; University of Nantes, Subatech, EMN (Nantes); GANIL, LPC (Caen); IPNO (Orsay); INFN-LNS (Catania).
Subject and skills covered	Experimental and phenomenological heavy-ion physics at low and intermediate energies
Year	1979, 1981 and many short stays from 1980 to 1987
Place	Erlangen, Germany
Institution	Tandemlaboratorium, University of Erlangen-Nürnberg
Subject and skills covered	Experimental Heavy-Ion Nuclear Physics at Low Energies
Year	1975 - 1977
Place	Saclay/Paris, France
Institution	Service de physique nucléaire à basse énergie, Division de Physics, CEN Saclay, Commissariat à l'énergie atomique
Subject and skills covered	Experimental Heavy-Ion Nuclear Physics at Low Energies

LANGUAGES

MOTHER TONGUE	Croatian (Bosnian variant)
ENGLISH LANGUAGE	
Speaking	fluent
Writing	excellent
Reading	excellent

OTHER FOREIGN LANGUAGES³

Language	French/français
Speaking	fluent
Writing	excellent
Reading	excellent
Language	Italian
Speaking	<i>basic</i>
Writing	<i>basic</i>
Reading	<i>basic</i>
Language	German
Speaking	<i>ability to speak</i>
Writing	<i>ability to write</i>
Reading	<i>ability to read</i>

RESEARCH AND OTHER PROJECTS

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

Leading research project *Heavy-Ion Physics* (098-1191005-2879), Croatian Government;
 Leading bilateral research project *HI Nuclear Reaction Dynamics Studies*, Croatian and Indian Governments;
 National coordinator of the EU Infrastructural project in nuclear physics FP6 I3 EURONS, EU Commission;
 Leading research project *Heavy-Ion Physics* (0098010), Croatian Government;
Croatian partner in the Cotutelle convention with Univ. of Strasbourg and IPHC, French Government;
Croatian coordinator of the Scientific and Education Network (France-Poland-Romania-Croatia), respective Government;
 Project coordinator of the former Yugoslavia inter-republic fundamental research program Dynamics of Nuclear Processes, Yugoslave Government;
 Partner (DFG fellow) on DFG research project at Tandemlaboratorium, Erlangen, German Government;
 Leading bilateral research project with Univ. of Erlangen, Croatian and German Governments;
 Leading bilateral research project with CRN Strasbourg, Croatian and French Governments.

TEACHING

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE, POSTGRADUATE STUDY PROGRAMMES)

Postgraduate course on Heavy ion physics at intermediate energies (University Luis Pasteur, Strasbourg);
 Undergraduate course on Programming in PASCAL (University of Nantes);
 Undergraduate exercises in Programming in PASCAL (University of Nantes);
 Undergraduate exercises in General physics (University of Nantes).

**MENTORSHIP OF DEFENDED DOCTORAL AND MASTER DISSERTATIONS
AND TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS**

(CHRONOLOGICALLY)

Maja Zorić, training; Tomica Porobić, training (B.Sc. in Physics); Ivan Novosel, training (B.Sc. in Physics);
 Olga Chialich (M. Sc. in Nuclear Physics); Davorin Peceli, training (B.Sc. in Physics); Suzana Szilner (Ph. D. in Physics);
 Suzana Szilner (M. Sc. in Nuclear Physics).

VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS

(CHRONOLOGICALLY; ONLY VISITS LONGER THAN 3 MONTHS)

Visiting researcher at SUBATECH Laboratory, Nantes, France (3 month, 1998);
 Invited professor at Louis Pasteur University, Strasbourg, France (5 month, 1996);
 Visiting researcher at SUBATECH Laboratory, Nantes, France (3 month, 1994);
 Visiting researcher at Nuclear Physics Laboratory, Nantes, France (3 month, 1993 - 1994);
 Visiting researcher at Nuclear Physics Laboratory, Nantes, France (3 month, 1987);
 Invited assistant professor at University of Nantes, Nantes, France (10 month, 1986 - 1987);
 Visiting researcher at CRN Strasbourg (nowadays IPHC), Strasbourg, France (9 month, 1986);
 Visiting researcher at Tandemlaboratorium, Univ. of Erlangen-Nürnberg, Erlangen, Germany (6 month, 1981 - 1982);
 Fellow at Tandemlaboratorium, Univ. of Erlangen, Erlangen-Nürnberg, Germany (6 month, 1979);
 Fellow at SPNBE, CE Saclay, Paris, France (24 month, 1975 - 1977).

AWARDS AND RECOGNITIONS

(CHRONOLOGICALLY)

ORGANIZATIONAL SKILLS AND COMPETENCES

(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS)

I was principal or main organiser of the following events
 - Highlights in Heavy-Ion Physics - Symposium in Honour of Nikola Cindro, Split, Croatia, 2011;
 - ESF Exploratory workshop on How to Constrain the High Density Symmetry Energy, Zagreb, Croatia, 2009;
 - East-West Outrage Board Meeting, Zagreb, Croatia, 2007;
 - Int. Workshop on Relativistic Heavy-Ion Physics – FOPI Days in Split, Split, Croatia, 2005;
 - FOPI Workshop on Relativistic Heavy-Ion Collisions, Trakošćan, Croatia, 2002;
 - 7th Int. Conf. on clustering aspects of nuclear structure and dynamics, Rab, Croatia, 1999;
 - Meeting of the project Dynamics of nuclear processes, Sljeme, Croatia, 1989,
 and member of organising committees of about 10 other nuclear physics conferences.

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

Member of European Physical Society
 Member of Croatian Physical Society

COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

Member of Advisory board of following international conferences

- 10th Int. Conf. on Clustering Aspects of Nuclear Structure and Dynamics, 2012, Debrecen, Hungary.
- 9th Int. Conf. on Clustering Aspects of Nuclear Structure and Dynamics, 2007, Stratford-upon-Avon, United Kingdom.
- 5th General Conf. of Balkan Physical Union, 2003, Vrnjačka Banja, Serbia and Montenegro;
- 8th Int. Conf. on Clustering Aspects of Nuclear Structure and Dynamics, 2003, Nara, Japan;
- Int. Symposium on Clustering Aspects on Quantum Many-Body Systems, 2001, Kyoto, Japan;

Member of

- Isospin physics of FAIR-NuStar Work group
- East-West Outrage Work group
- Croatian research project assessment and award committee for physics
- Committee for celebration of 50 years of the Ruđer Bošković Institute
- Evaluation commission for ongoing Croatian research projects in physics
- Commission for evaluation of the *Final Safety Analysis Report* for Nuclear power plant Krško

PAPERS

(CHRONOLOGICALLY; RESEARCH BOOKS, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS; PLEASE WRITE THEIR IMPACT FACTOR)

Presented are original scientific papers in international journals, number of papers followed by the journal abbreviation and in parentheses 2009 impact factor

- 25 in PHYS. REV. C (3.477)
- 24 in NUCL. PHYS. A (1.706)
- 9 in EUR. PHYS. J. A (1.968)
- 8 in PHYS. REV. LETT. (7.328)
- 7 in Z. PHYSIK A - HADRONS AND NUCLEI (1.968, expired)
- 6 in PHYS. LETT. B (3.767)
- 3 in COMPUTER PHYS. COMMUNICATIONS (1.958)
- 3 in ACTA PHYSICA POLONICA B (0.648)
- 2 in J. OF PHYS. G - NUCL. PART. PHYS. (2.124)
- 1 in NUOVO CIMENTO A - NUCL. PART. AND FIELDS (1.968, expired)
- 1 in IEEE TRANSACTIONS ON NUCL. SCIENCE (1.591)
- 1 in NUCL. INSTRUM.METHODS IN PHYS. RESEARCH SECT. A (1.317)
- 1 in INT. J. OF MODERN PHYS. - E NUCL. PHYS. (0.643)
- 1 in ROMANIAN REPORTS IN PHYS. (0.458)
- 1 in J. DE PHYS. LETT. (expired)
- 1 in ACTA PHYS. HUNGARICA NEW SERIES HEAVY ION PHYS. ()
- 1 in LECTURE NOTES IN PHYS. ()

According to the secondary database Web of Knowledge the above papers have at present been cited 2028 times, h-index 27. Other seven research papers are published in journals which are not registered in this database.

OTHER RESEARCH ACTIVITIES

(CHRONOLOGICALLY; CHIEF EDITOR OR EDITOR OF RESEARCH BOOK, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS AND OTHER)

- Fizika B, Special Issue dedicated to the memory of Nikola Cindro, eds. Z. Basrak, R. Čaplar and V. Paar, 2003;
- Proceedings of the 7th International Conference on Clustering Aspects of Nuclear Structure and Dynamics, eds. M. Korolija, Z. Basrak and R. Čaplar, Rab, Island of Rab, Croatia, World Scientific Publishing Company, Singapore, 2000;
- Summaries of the 7th International Conference on Clustering Aspects of Nuclear Structure and Dynamics (CLUSTER '99), Rab, Island of Rab, Croatia, eds. Z. Basrak, R. Čaplar, M. Korolija, published by Ruđer Bošković Institute, Zagreb, 1999;
- Contributed papers, Adriatic International Conference on Nuclear Physics, Fundamental problems in Heavy-Ion Collisions, Hvar, Adriatic Coast, Croatia, 1984, eds. N. Cindro, Z. Basrak, R. Čaplar, Fizika 16, Suppl. 1 (1984);
- Contributed papers, Adriatic Europhysics Study Conference on the Dynamics of Heavy-Ion Collisions, Hvar, Adriatic Coast, Croatia, 1981, eds. N. Cindro, Z. Basrak, D. Počanić, Fizika 13, Suppl. 1 (1981).

COMPUTER SKILLS

Knowledge of operating systems Linux and Windows;
 Programming in FORTRAN computational language including various numerical techniques in simulations;
 Use of a number of Linux and Windows applications including CERN-made applications.

OTHER IMPORTANT SKILLS AND COMPETENCES

Principal investigator or coordinator of several national and international collaboration projects; Large experience in team-work in international scientific collaborations; Daily e-mail contacts with dozens of colleagues all around the world; Nuclear-physics detector designing; Knowledge of various experimental techniques and methods used in experimental nuclear physics; Referee for journals Phys. Rev. C, J. Phys. G, Eur. Phys. J. A, Acta Phys. Slovaca and Fizika.

ADDITIONAL INFORMATION AND NOTES

Research fields of interest: Fast-neutron physics and pre-equilibrium reactions (1973--76), direct nuclear reactions and nuclear spectroscopy with light charged particles (1974--78);
Heavy-ion physics: narrow structures in the continuum of s--d shell nuclei (since 1975), nuclear glory effect (1985--89), light-particle correlations at intermediate energies (since 1987), global variables of heavy-ion collisions at intermediate and relativistic energies (since 1989), study of clusterization phenomena by using percolation-like technique (since 1993), study of binary dissipative processes at intermediate energies (since 1996), refractive phenomena in the collisions of specific s--d shell nuclei (since 1998), isospin phenomena in heavy-ion collisions at intermediate and relativistic energies (since 2001), particle and in particular strangeness production (since 2003).

Publications: Coauthor of 103 scientific journal papers (out of which 8 in Phys. Rev. Lett. and 6 in Phys. Lett. B), which are all but seven published in journals followed by Current Contents and, according to the Web of Knowledge, are at present cited 2028 times, h-index 27. See attachment.

Talks: I have delivered 16 invited scientific conference talks and several dozens of seminars.

Married since 1982 and we have one son (26 years old).

List of papers published in scientific journals

1. Zoran BASRAK, F. Auger, B. Fernandez, J. Gastebois, and N. Cindro:
Resonant behaviour in the interaction of the $^{12}\text{C} + ^{12}\text{C}$ system at energies above the Coulomb barrier,
J. Phys. – Lettres **37** (1976) L-131 – L-134.
2. R. Čaplar, J. Mrdalj, and Zoran BASRAK:
(n, α) reaction on Hf^{178} and Hf^{180} induced by 14.8 MeV neutrons,
Acta Phys. Slov. **26** (1976) 207 – 210.
3. Zoran BASRAK, F. Auger, B. Fernandez, J. Gastebois, and N. Cindro:
Spins of resonances in the $^{12}\text{C} + ^{12}\text{C}$ system,
Phys. Lett. **B 65** (1976) 119 – 121.
4. N. Cindro, F. Coçu, J. Uzureau, Zoran BASRAK, M. Cates, J.M. Fieni, E. Holub, Y. Patin, and S. Plattard:
Evidence for a rotational band in ^{24}Mg and its fragmentation: A rotation-vibration coupling?,
Phys. Rev. Lett. **39** (1977) 1135 – 1138.
5. Zoran BASRAK, N. Cindro, and M. Turk:
The (t, α) reaction on ^{121}Sb and ^{123}Sb ,
Nucl. Phys. **A 299** (1978) 381 – 396.
6. Zoran BASRAK, P. Dück, H. Fröhlich, W. Treu, and H. Voit:
On the observability of "molecular resonances" in ^{24}Mg through $^{10}\text{B} + ^{14}\text{N}$ entrance channel,
Nucl. Phys. **A 363** (1981) 242 – 252.
7. Zoran BASRAK, R. Čaplar, C. Beck, R.M. Freeman, and F. Haas:
Correlation among intermediate structures in binary and fusion-evaporation channels of the $^{18}\text{O} + ^{12}\text{C}$ reaction,
Phys. Rev. **C 26** (1982) 1774 – 1777.
8. W. Tiereth, Zoran BASRAK, H. Voit, N. Bischof, R. Čaplar, P. Dück, H. Fröhlich, B. Nees, E. Nieschler, and W. Schuster:
Intermediate-structure resonances in the $^{16}\text{O} + ^{16}\text{O}$ total reaction cross section,
Phys. Rev. **C 28** (1983) 735 – 738.
9. Zoran BASRAK:
Use of escape peaks for more accurate evaluation of gamma-ray intensity,
IEEE Transact. on Nucl. Science **NS-31** (1984) 963 – 967.
10. Zoran BASRAK, F. Auger, P. Charles, W. Tiereth, and H. Voit:
Model-independent determination of resonance parameters for reactions involving only zero-spin particles,
Lecture Notes in Physics **211** (1984) 347 – 350.
11. W. Tiereth, Zoran BASRAK, N. Bischof, H. Fröhlich, and H. Voit:
Phase-shift analysis of $^{16}\text{O} + ^{16}\text{O}$ elastic scattering data,
Nucl. Phys. **A 440** (1985) 143 – 151.

12. Zoran BASRAK and F. Auger:
A straightforward model-independent determination of the complete scattering matrix for reactions involving zero-spin particles,
Nucl. Phys. **A 441** (1985) 150 – 156.
13. Zoran BASRAK, W. Tiereth, N. Bischof, H. Fröhlich, B. Nees, E. Nieschler, and H. Voit:
Unambiguous phase-shift analysis of the $^{12}\text{C}(^{12}\text{C},\alpha_0)^{20}\text{Ne}$ reaction at Coulomb-barrier energies,
Phys. Rev. **C 32** (1985) 910 – 915.
14. W. Tiereth, Zoran BASRAK, N. Bischof, B. Nees, E. Nieschler, I. Weitzenfelder, and H. Voit:
Nuclear glory scattering in the $^{16}\text{O} + ^{16}\text{O}$ collision,
Nucl. Phys. **A 464** (1987) 125 – 132.
15. Zoran BASRAK:
A routine for parameter optimization using an accelerated grid-search method,
Computer Phys. Commun. **46** (1987) 149 – 154.
16. Zoran BASRAK:
A computer program for determining the complete reaction amplitude for two-body nuclear reactions involving zero-spin particles,
Computer Phys. Commun. **46** (1987) 155 – 178.
17. Zoran BASRAK:
Determination of the physical scattering matrix from a complete set of ambiguous solutions of the scattering problem by using the shortest-path method,
Computer Phys. Commun. **46** (1987) 179 – 186.
18. Zoran BASRAK, W. Tiereth, and H. Voit:
 $J^\pi = 6^+$ molecular state below the barrier of the $^{12}\text{C} + ^{12}\text{C}$ system,
Phys. Rev. **C 37** (1988) 1511 – 1512.
19. D. Ardouin, Zoran BASRAK, P. Schuck, A. Péghaire, H. Delagrange, H. Doubre, C. Grégoire, A. Kyanowski, W. Mittig, J. Péter, F. Saint-laurent, B. Zwieglinski, Y.P. Viyogi, C.K. Gelbke, W.G. Lynch, M. Maier, J. Pochodzalla, J. Québert, G. Bizard, F. Lefèbvres, and B. Tamain:
Evidence for persisting mean field effects at $E/A = 60$ MeV from particle-particle correlation measurements and theoretical investigations with the Landau-Vlasov equation,
Z. Phys. **A 329** (1988) 505 – 506 (Shortnote).
20. R.M. Freeman, Zoran BASRAK, F. Haas, A. Hachem, G.A. Monnehan, A. Morsad, and M. Youlal:
Origin of the $^{13}\text{C} + ^{17}\text{O}$ resonant structure,
Phys. Rev. **C 38** (1988) 1081 – 1082.
21. A. Ostrowski, W. Tiereth, D. Brandl, Zoran BASRAK, and H. Voit:
Evidence for a nuclear forward glory in $^{12}\text{C} + ^{12}\text{C}$ scattering,
Phys. Lett. **B 232** (1989) 46 – 50.
22. U. Abbondanno, S. Datta, N. Cindro, Zoran BASRAK, and G. Vannini:
Potential-well approach to the analysis of $^{12}\text{C} + ^{16}\text{O}$ and $^{16}\text{O} + ^{16}\text{O}$ resonances,
J. Phys. **G 15** (1989) 1845 – 1854.
23. D. Ardouin, Zoran BASRAK, P. Schuck, A. Péghaire, F. Saint-laurent, H. Delagrange, H. Doubre, C. Grégoire, A. Kyanowski, W. Mittig, J. Péter, Y. P. Viyogi, J. Québert, C.K. Gelbke, W. G. Lynch, M. Maier, J. Pochodzalla, G. Bizard, F. Lefèbvres, B. Tamain, B. Remaud, and F. Sébille:
Pre-equilibrium particles and mean-field effects from particle-particle correlations in heavy-ion collisions,
Nucl. Phys. **A 514** (1990) 564 – 588.
24. R.M. Freeman, Zoran BASRAK, F. Haas, A. Hachem, G.A. Monnehan, and M. Youlal:
The resonant behaviour of the heavy-ion reaction $^{14}\text{C} + ^{16}\text{O}$,
Z. Phys. **A 341** (1992) 175 – 179.

25. J.P. Alard, Zoran BASRAK, N. Bastid, I.M. Belayev, M. Bini, Th. Blaich, R. Bock, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, M. Crouau, P. Dupieux, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, R. Freifelder, L. Fraysse, S. Frollov, A. Gobbi, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, O. Houari, S.C. Jeong, M. Jorio, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, C. Kuhn, I. Legrand, A. Lebedev, C. Maguire, V. Manko, T. Matulewicz, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, P. Morel, W. Neubert, A. Olmi, G. Pasquali, D. Pelte, M. Petrovici, G. Poggi, F. Rami, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, N. Taccetti, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
Midrapidity source of intermediate mass fragments in highly central collisions of Au + Au at 150 A · MeV,
Phys. Rev. Lett. **69** (1992) 889 – 892.
26. R.M. Freeman, Zoran BASRAK, F. Haas, A. Hachem, G.A. Monnehan, and M. Youlal:
Resonant and nonresonant behaviour of the heavy-ion reaction $^{14}\text{C} + ^{12}\text{C}$,
Phys. Rev. **C 46** (1992) 589 – 596.
27. A. Gobbi, J.P. Alard, G. Augustinski, Zoran BASRAK, N. Bastid, I.M. Belayev, T. Blaich, P. Boccaccio, R. Bock, S. Boussange, A. Buta, R. Čaplar, C. Cerruti, R.J. Charity, N. Cindro, J.P. Coffin, M. Crouau, F. Daudon, J.F. Devin, P. Dupieux, J. Erö, Z.G. Fan, C. Fayard, P. Fintz, Z. Fodor, L. Fraysse, R. Freifelder, S. Frollov, E. Gimenez, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, F. Hornecker, S.C. Jeong, M. Jorio, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, A. Lebedev, I. Legrand, C. Maguire, V. Manko, M. Marquardt, T. Matulewicz, S. Mayade, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, I. Montbel, P. Morel, W. Neubert, R. Neunlist, G. Ortlepp, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, M.A. Saettel, E. Sahuc, G. Savinel, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, M.H. Tanaka, K.M. Teh, R. Tezkratt, B. Tischler, M. Trzaska, M.A. Vasiliev, D. Vincent, P. Wagner, J. Weinert, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
A highly-segmented ΔE -time-of-flight wall as forward detector of the 4 π -system for charged particles at the SIS/ESR accelerator,
Nucl. Instrum. Methods Phys. Res. Sect. **A 324** (1993) 156 – 176.
28. B. Kämpfer, R. Kotte, J. Mösner, W. Neubert, D. Wohlfarth, J.P. Alard, Zoran BASRAK, N. Bastid, I.M. Belayev, Th. Blaich, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, P. Dupieux, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, R. Freifelder, L. Fraysse, S. Frollov, A. Gobbi, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, A. Houari, S.C. Jeong, M. Jorio, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, M. Krämer, C. Kuhn, I. Legrand, A. Lebedev, C. Maguire, V. Manko, T. Matulewicz, G. Mgebrishvili, D. Moisa, G. Montarou, I. Montbel, P. Morel, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, and A.V. Zhilin:
Velocity correlations of intermediate mass fragments produced in central collisions of Au + Au at $E = 150 A \cdot \text{MeV}$,
Phys. Rev. **C 48** (1993) R955 – R959.
29. C. Kuhn, J. Konopka, J.P. Coffin, C. Cerruti, P. Fintz, G. Guillaume, A. Houari, F. Jundt, C.F. Maguire, F. Rami, R. Tezkratt, P. Wagner, Zoran BASRAK, R. Čaplar, N. Cindro, S. Hölbling, J.P. Alard, N. Bastid, L. Berger, S. Boussange, I.M. Belayev, T. Blaich, A. Buta, R. Donà, P. Dupieux, J. Erö, Z.G. Fan, Z. Fodor, R. Freifelder, L. Fraysse, S. Frollov, A. Gobbi, Y. Grigorian, N. Herrmann, K.D. Hildenbrand, S.C. Jeong, M. Jorio, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, I. Legrand, A. Lebedev, V. Manko, T. Matulewicz, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, I. Montbel, W. Neubert, D. Pelte, M. Petrovici, S. Ramillien, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, K.M. Teh, M. Trzaska, M.A. Vasiliev, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
Entropy production in the Au + Au reaction between 150 A and 800 A · MeV,
Phys. Rev. **C 48** (1993) 1232 – 1243.
30. S.C. Jeong, N. Herrmann, Z.G. Fan, R. Freifelder, A. Gobbi, K.D. Hildenbrand, M. Krämer, J. Randrup, W. Reisdorf, D. Schüll, U. Sodan, K. Teh, J.P. Wessels, D. Pelte, M. Trzaska, T. Wienold, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I.M. Belayev, L. Berger, M. Bini, Th. Blaich, S. Boussange, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Dona, P. Dupieux, J. Erö, P. Fintz, Z. Fodor, L. Fraysse, S. Frollov, Y. Grigorian, G. Guillaume, S. Hölbling, O. Houari, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, C. Kuhn, M. Ibnouzhahir, I. Legrand, A. Lebedev, C. Maguire, V. Manko,

- P. Maurenzig, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, I. Montbel, P. Morel, W. Neubert, A. Olmi, G. Pasquali, M. Petrovici, G. Poggi, F. Rami, V. Ramillien, A. Sadchikov, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, R. Tezkratt, M.A. Vasiliev, P. Wagner, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
Collective motion in selected central collisions of Au on Au at 150 $A \cdot \text{MeV}$,
Phys. Rev. Lett. **72** (1994) 3468 – 3471.
31. A. Gobbi, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I.M. Belayev, L. Berger, D. Best, J. Biegansky, M. Bini, S. Boussange, R. Bock, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, M. Dželalija, R. Donà, P. Dupieux, J. Erö, P. Fintz, Z. Fodor, L. Fraysse, G. Goebels, G. Guillaume, E. Häfele N. Herrmann, K.D. Hildenbrand, S. Hölbling, A. Houari, F. Jundt, J. Kecskemeti, M. Kirejczyk, Y. Korchagin, R. Kotte, G. Mgebrishvili, S. Mohren, J. Mösner, D. Moisa, I. Montbel, W. Neubert, A. Olmi, G. Pasquali, D. Pelte, M. Petrovici, C. Pinkenburg, G. Poggi, F. Rami, V. Ramillien, W. Reisdorf, J.L. Ritman, Ch. Roy, D. Schüll, W.Q. Shen, B. Sikora, V. Simion, K. Siwek-Wilczyńska, S. Smolyankin, U. Sodan, N. Taccetti, M. Trzaska, M.A. Vasiliev, Central Au on Au collisions,
Nucl. Phys. **A 583** (1995) 499c – 511c.
32. G. Poggi, G. Pasquali, M. Bini, P.R. Maurenzig, A. Olmi, N. Taccetti, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I.M. Belayev, L. Berger, T. Blaich S. Boussange, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Donà, P. Dupieux, M. Dželalija, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, L. Fraysse, R. Freifelder, S. Frolov, A. Gobbi, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, A. Houari, S.C. Jeong, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, C. Kuhn, M. Ibnouzahir, I. Legrand, A. Lebedev, C. Maguire, V. Manko, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, I. Monthel, P. Morel, W. Neubert, D. Pelte, M. Petrovici, F. Rami, V. Ramillien, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, A.V. Zhilin, and P. Danielewicz:
Evidence for collective expansion in light-particle emission following Au+Au collisions at 100, 150 and 250 $A \cdot \text{MeV}$,
Nucl. Phys. **A 586** (1995) 755 – 776.
33. R. Kotte, B. Kämpfer, J. Mösner, W. Neubert, D. Wohlfarth, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I.M. Belayev, L. Berger, Th. Blaich, S. Boussange, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Donà, P. Dupieux, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, L. Fraysse, R. Freifelder, S. Frolov, A. Gobbi, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, A. Houari, M. Ibnouzahir, S.C. Jeong, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, M. Krämer, C. Kuhn, I. Legrand, A. Lebedev, V. Manko, T. Matulewicz, G. Mgebrishvili, D. Moisa, G. Montarou, I. Montbel, D. Pelte, M. Petrovici, P. Pras, F. Rami, V. Ramillien, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, and A.V. Zhilin:
Interplay of collective flow phenomena and velocity correlations of intermediate-mass fragments in collisions of Au + Au at $E = (100 - 400) A \cdot \text{MeV}$,
Phys. Rev. **C 51** (1995) 2686 – 2699.
34. V. Ramillien, P. Dupieux, J.P. Alard, V. Amouroux, N. Bastid, L. Berger, S. Boussange, L. Fraysse, M. Ibnouzahir, G. Montarou, I. Monthel, P. Pras, Zoran BASRAK, I.M. Belayev, M. Bini, T. Blaich, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Donà, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, L. Fraysse, R. Freifelder, S. Frolov, A. Gobbi, Y. Grigorian, G. Guillaume, C. Hartnack, N. Herrmann, K.D. Hildenbrand, S. Hölbling, A. Houari, S.C. Jeong, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, C. Kuhn, I. Legrand, A. Lebedev, C. Maguire, V. Manko, P. Maurenzig, G. Mgebrishvili, J. Mösner, D. Moisa, W. Neubert, A. Olmi, G. Pasquali, D. Pelte, M. Petrovici, G. Poggi, F. Rami, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
Sideward flow in Au+Au collisions at 400 $A \cdot \text{MeV}$,
Nucl. Phys. **A 587** (1995) 802 – 814.
35. M. Petrovici, N. Herrmann, I. Legrand, A. Gobbi, K.D. Hildenbrand, W. Reisdorf, A. Buta, R. Freifelder, S.C. Jeong, M. Krämer, D. Moisa, D. Schüll, V. Simion, U. Sodan, K. Teh, J.P. Wessels, T. Wienold, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I.M. Belayev, L. Berger, Th. Blaich, S. Boussange,

- R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Donà, P. Dupieux, J. Erö, P. Fintz, Z. Fodor, L. Fraysse, G. Guillaume, S. Hölbling, O. Houari, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, C. Kuhn, M. Ibnouzhahir, A. Lebedev, C. Maguire, V. Manko, J. Mösner, G. Montarou, I. Montbel, P. Morel, W. Neubert, D. Pelte, F. Rami, V. Ramillien, A. Sadchikov, Z. Seres, B. Sikora, S. Smolyankin, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin:
Cluster Formation during Expansion of Hot and Compressed Nuclear Matter Produced in Central Collisions of Au on Au at 250 $A \cdot$ MeV,
Phys. Rev. Lett. **74** (1995) 5001 – 5004.
36. M. Dželalija, N. Cindro, Zoran BASRAK, R. Čaplar, S. Hölbling, M. Bini, P.R. Maurenzig, A. Olmi, G. Pasquali, G. Poggi, N. Taccetti, C. Cerruti, J.P. Coffin, R. Donà, P. Fintz, G. Guillaume, A. Houari, F. Jundt, C. Kuhn, F. Rami, R. Tezkratt, P. Wagner, J. Biegansky, R. Kotte, J. Mösner, W. Neubert, D. Wohlfarth, J.P. Alard, V. Amouroux, N. Bastid, L. Berger, I.M. Belayev, S. Boussange, A. Buta, P. Dupieux, J. Erö, Z. Fodor, L. Fraysse, A. Gobbi, N. Herrmann, K.D. Hildenbrand, M. Ibnouzhahir, J. Kecskemeti, P. Koncz, Y. Korchagin, M. Krämer, A. Lebedev, I. Legrand, V. Manko, G. Mgebrishvili, D. Moisa, G. Montarou, I. Monthel, D. Pelte, M. Petrovici, P. Pras, V. Ramillien, W. Reisdorf, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, M. Trzaska, M.A. Vasiliev, J.P. Wessels, T. Wienold, Z. Wilhelmi, and A.V. Zhilin:
Entropy in central Au + Au reactions between 100 and 400 $A \cdot$ MeV,
Phys. Rev. **C 52** (1995) 346 – 355.
37. M. Dželalija, M. Korolija, N. Cindro, Zoran BASRAK, R. Čaplar, and K. Šparavec:
Neutron-to-Proton Ratios in Heavy-Ion Reactions,
Heavy Ion Physics **3** (1996) 245 – 249.
38. W. Reisdorf, D. Best, A. Gobbi, N. Herrmann, K.D. Hildenbrand, B. Hong, S.C. Jeong, Y. Leifels, C. Pinkenburg, J.L. Ritman, D. Schüll, U. Sodan, K. Teh, G.S. Wang, J.P. Wessels, T. Wienold, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I. Belyaev, L. Berger, J. Biegansky, M. Bini, S. Boussange, A. Buta, R. Čaplar, N. Cindro, J.P. Coffin, P. Crochet, R. Donà, P. Dupieux, M. Dželalija, J. Erö, M. Eskef, P. Fintz, Z. Fodor, L. Fraysse, A. Genoux-Lubain, G. Goebels, G. Guillaume, Y. Grigorian, E. Häfele, S. Hölbling, A. Houari, M. Ibnouzhahir, M. Joriot, F. Jundt, J. Kecskemeti, M. Kirejczyk, P. Koncz, Y. Korchagin, M. Korolija, R. Kotte, C. Kuhn, D. Lambrecht, A. Lebedev, A. Lebedev, I. Legrand, C. Maazouzi, V. Manko, T. Matulewitz, P.R. Maurenzig, H. Merlitz, G. Mgebrishvili, J. Mösner, S. Mohren, D. Moisa, G. Montarou, I. Montbel, P. Morel, W. Neubert, A. Olmi, G. Pasquali, D. Pelte, M. Petrovici, G. Poggi, P. Pras, F. Rami, V. Ramillien, C. Roy, A. Sadchikov, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, N. Taccetti, R. Tezkratt, L. Tizniti, M. Trzaska, M.A. Vasiliev, P. Wagner, K. Wiśniewski, D. Wohlfarth, and A.V. Zhilin:
Central collisions of Au on Au at 150, 250 and 400 $A \cdot$ MeV,
Nucl. Phys. **A 612** (1997) 493 – 556.
39. S. Szilner, Zoran BASRAK, R.M. Freeman, F. Haas, A. Morsad, and C. Beck:
Excitation functions of inelastic and transfer channels in $^{12}\text{C} + ^{12}\text{C}$ around $E_{c.m.} = 32.5$ MeV,
Phys. Rev. **C 55**, (1997) 1312 – 1318.
40. D. Pelte, E. Häfele, D. Best, G. Goebels, N. Herrmann, C. Pinkenburg, W. Reisdorf, M. Trzaska, J.P. Alard, V. Amouroux, A. Andronic, Zoran BASRAK, N. Bastid, I. Belyaev, J. Biegansky, A. Buta, R. Čaplar, N. Cindro, J.P. Coffin, P. Crochet, P. Dupieux, M. Dželalija, J. Erö, M. Eskef, P. Fintz, Z. Fodor, A. Genoux-Lubain, A. Gobbi, G. Guillaume, K.D. Hildenbrand, B. Hong, F. Jundt, J. Kecskemeti, M. Kirejczyk, P. Koncz, M. Korolija, Y. Korchagin, R. Kotte, C. Kuhn, D. Lambrecht, A. Lebedev, I. Legrand, Y. Leifels, V. Manko, H. Merlitz, J. Mösner, S. Mohren, D. Moisa, W. Neubert, M. Petrovici, P. Pras, F. Rami, V. Ramillien, J.L. Ritman, C. Roy, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, U. Sodan, M.A. Vasiliev, P. Wagner, G.S. Wang, T. Wienold, D. Wohlfarth, and A. Zhilin:
Charged pion production in Au on Au collisions at 1A GeV,
Z. Phys. **A 357** (1997) 215 – 234.
41. C. Roy, C. Kuhn, J.P. Coffin, P. Crochet, P. Fintz, G. Guillaume, F. Jundt, C. Maazouzi, F. Rami, L. Tizniti, P. Wagner, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I. Belyaev, D. Best, J. Biegansky, A. Buta, R. Čaplar, N. Cindro, R. Donà, P. Dupieux, M. Dželalija, Z.G. Fan, Z. Fodor, L. Fraysse, A. Gobbi, N. Herrmann, K.D. Hildenbrand, S. Hölbling, B. Hong, S.C. Jeong, J. Kecskemeti, M. Kirejczyk,

- P. Koncz, Y. Korchagin, R. Kotte, A. Lebedev, I. Legrand, Y. Leifels, V. Manko, G. Mgebrishvili, D. Moisa, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, C. Pinkenburg, P. Pras, W. Reisdorf, J.L. Ritman, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, M. Trzaska, M.A. Vasiliev, G.S. Wang, J.P. Wessels, T. Wienold, D. Wohlfarth, A.V. Zhilin, J. Konopka, and H. Stöcker:
Shape of collective flow in highly central Au(150 A·MeV) + Au collisions,
Z. Phys. **A 358** (1997) 73 – 80.
42. R. Kotte, J. Biegansky, J. Mösner, W. Neubert, C. Plettner, D. Wohlfarth, J.P. Alard, V. Amouroux, Zoran BASRAK, N. Bastid, I. Belyaev, G. Berek, D. Best, A. Buta, R. Čaplar, N. Cindro, J.P. Coffin, P. Crochet, R. Donà, P. Dupieux, M. Dželalija, M. Eskef, P. Fintz, Z. Fodor, L. Fraysse, A. Genoux-Lubain, G. Göbels, A. Gobbi, G. Guillaume, E. Häfele, N. Herrmann, K.D. Hildenbrand, S. Hölbling, B. Hong, F. Jundt, J. Kecskemeti, M. Kirejczyk, M. Korolija, C. Kuhn, A. Lebedev, I. Legrand, Y. Leifels, C. Maazouzi, V. Manko, H. Merlitz, S. Mohren, D. Pelte, M. Petrovici, C. Pinkenburg, P. Pras, F. Rami, W. Reisdorf, J.L. Ritman, C. Roy, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, U. Sodan, A. Somov, L. Tizniti, M. Trzaska, M.A. Vasiliev, P. Wagner, G.S. Wang, T. Wienold, Y. Yatsunenko, and A. Zhilin:
Proton-proton correlations in central collisions of Ni + Ni at 1.93 A·GeV and the space-time extent of the emission source,
Z. Phys. **A 359** (1997) 47 – 54.
43. D. Pelte, M. Eskef, G. Goebels, E. Häfele, N. Herrmann, M. Korolija, H. Merlitz, S. Mohren, M. Trzaska, J.P. Alard, V. Amouroux, A. Andronic, Zoran BASRAK, N. Bastid, I. Belyaev, D. Best, J. Biegansky, A. Buta, R. Čaplar, N. Cindro, J.P. Coffin, P. Crochet, P. Dupieux, M. Dželalija, J. Erö, P. Fintz, Z. Fodor, A. Genoux-Lubain, A. Gobbi, G. Guillaume, K.D. Hildenbrand, B. Hong, F. Jundt, J. Kecskemeti, M. Kirejczyk, P. Koncz, Y. Korchagin, R. Kotte, C. Kuhn, D. Lambrecht, A. Lebedev, I. Legrand, Y. Leifels, V. Manko, J. Msner, D. Moisa, W. Neubert, M. Petrovici, C. Pinkenburg, P. Pras, F. Rami, V. Ramillien, W. Reisdorf, J.L. Ritman, C. Roy, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, U. Sodan, M.A. Vasiliev, P. Wagner, G.S. Wang, T. Wienold, D. Wohlfarth, and A. Zhilin:
Charged pions from Ni on Ni collisions between 1 and 2 A GeV,
Z. Phys. **A 359** (1997) 55 – 65.
44. N. Bastid, A. Buta, P. Crochet, P. Dupieux, M. Petrovici, F. Rami, J.P. Alard, V. Amouroux, Zoran BASRAK, I. Belyaev, D. Best, J. Biegansky, T. Blaich, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, R. Donà, M. Dželalija, E. Erö, Z.G. Fan, P. Fintz, Z. Fodor, L. Fraysse, R.P. Freifelder, A. Gobbi, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, B. Hong, S.C. Jeong, F. Jundt, J. Kecskemeti, M. Kirejczyk, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, C. Kuhn, A. Lebedev, I. Legrand, Y. Leifels, C. Maazouzi, V. Manko, G. Mgebrishvili, D. Moisa, J. Mösner, W. Neubert, D. Pelte, C. Pinkenburg, P. Pras, W. Reisdorf, J.L. Ritman, C. Roy, A.G. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, U. Sodan, K.M. Teh, L. Tizniti, M. Trzaska, M. Vasiliev, P. Wagner, G.S. Wang, J.P. Wessels, T. Wienold, K. Wiśniewski, D. Wohlfarth, and A. Zhilin:
Out-of-plane emission of nuclear matter in Au + Au collisions between 100 and 800 A·MeV,
Nucl. Phys. **A 622** (1997) 573 – 592.
45. Ph. Eudes, Zoran BASRAK, and F. Sébille:
Dynamical aspects of particle emission in binary dissipative collisions – effects on hot-nuclei formation,
Phys. Rev. **C 56**, (1997) 2003 – 2013.
46. Zoran BASRAK, Ph. Eudes, P. Abgrall, F. Haddad, and F. Sébille:
Effects of the mean-field dynamics and the phase-space geometry on the cluster formation,
Nucl. Phys. **A 624** (1997) 472 – 494.
47. Ph. Crochet, F. Rami, A. Gobbi, R. Donà, J.P. Coffin, P. Fintz, G. Guillaume, F. Jundt, C. Kuhn, C. Roy, B. de Schauenburg, L. Tizniti, P. Wagner, J.P. Alard, V. Amouroux, A. Andronic, Zoran BASRAK, N. Bastid, I. Belyaev, D. Best, J. Biegansky, A. Buta, R. Čaplar, N. Cindro, P. Dupieux, M. Dželalija, Z.G. Fan, Z. Fodor, L. Fraysse, R.P. Freifelder, N. Herrmann, K.D. Hildenbrand, B. Hong, S.C. Jeong, J. Kecskemeti, M. Kirejczyk, P. Koncz, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, V. Manko, D. Moisa, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, C. Pinkenburg, P. Pras, V. Ramillien, W. Reisdorf, J.L. Ritman, A.G. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, U. Sodan, K.M. Teh, M. Trzaska, M. Vasiliev, G.S. Wang, J.P. Wessels, T. Wienold, K. Wiśniewski, D. Wohlfarth,

- and A. Zhilin:
Onset of nuclear matter expansion in Au + Au collisions,
Nucl. Phys. **A 624** (1997) 755 – 772.
48. Ph. Crochet, F. Rami, R. Dóna, J.P. Coffin, P. Fintz, G. Guillaume, F. Jundt, C. Kuhn, C. Roy, B. de Schauenburg, L. Tizniti, P. Wagner, J.P. Alard, A. Andronic, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, D. Best, J. Biegansky, A. Buta, R. Čaplar, N. Cindro, P. Dupieux, M. Dželalija, Z.G. Fan, Z. Fodor, L. Fraysse, R.P. Freifelder, A. Gobbi, N. Herrmann, K.D. Hildenbrand, B. Hong, S.C. Jeong, J. Kecskemeti, M. Kirejczyk, P. Koncz, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, V. Manko, D. Moisa, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, C. Pinkenburg, W. Reisdorf, J.L. Ritman, A.G. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, U. Sodan, K.M. Teh, M. Trzaska, G.S. Wang, J.P. Wessels, T. Wienold, K. Wiśniewski, D. Wohlfarth, A. Zhilin, and C. Hartnack:
Azimuthal anisotropies as stringent test for nuclear transport models,
Nucl. Phys. **A 627** (1997) 522 – 542; Erratum: Nucl. Phys. **A 628** (1998) 687 – 688.
49. F. Haas, A. Elanique, R.M. Freeman, C. Beck, R. Nouicer, D.L. Watson, C. Jones, R. Cowin, P. Lee, and Zoran BASRAK:
Search for electromagnetic transitions between $^{12}\text{C} + ^{12}\text{C}$ cluster states in ^{24}Mg
Nuovo Cimento **A 110** (1997) 989 – 999.
50. Zoran BASRAK:
Dynamical Landau-Vlasov model as a source generator for Hanbury-Brown–Twiss correlations,
Nukleonika **43** (1998) 337 – 344.
51. M. Dželalija, N. Cindro, Zoran BASRAK, R. Čaplar, M. Korolija, and I. Mishustin:
A simple method for estimating temperatures in central nucleus-nucleus collisions: Application to Au + Au from 100 to 400 A · MeV,
Int. J. Mod. Phys. **A 7** (1998) 593 – 600.
52. M. Eskef, D. Pelte, G. Goebels, E. Häfele, N. Herrmann, M. Korolija, Y. Leifels, H. Merlitz, S. Mohren, M.R. Stockmeier, M. Trzaska, J.P. Alard, A. Andronic, R. Averbeck, Zoran BASRAK, N. Bastid, I. Belyaev, D. Best, A. Buta, R. Čaplar, N. Cindro, J.P. Coffin, P. Crochet, P. Dupieux, M. Dželalija, L. Fraysse, Z. Fodor, A. Genoux-Lubain, A. Gobbi, K.D. Hildenbrand, B. Hong, F. Jundt, J. Kecskemeti, M. Kirejczyk, R. Kotte, R. Kutsche, A. Lebedev, V. Manko, J. Mösner, D. Moisa, W. Neubert, M. Petrovici, C. Pinkenburg, C. Plettner, P. Pras, F. Rami, V. Ramillien, W. Reisdorf, J.L. Ritman, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M.A. Vasiliev, P. Wagner, G.S. Wang, K. Wiśniewski, D. Wohlfarth, and A. Zhilin:
Identification of baryon resonances in central heavy-ion collisions at energies between 1 and 2 A GeV,
European Phys. J. **A 3** (1998) 335 – 349.
53. F. Rami, Ph. Crochet, R. Dóna, B. de Schauenburg, P. Wagner, J.P. Alard, A. Andronic, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, D. Best, R. Čaplar, A. Devismes, P. Dupieux, M. Dželalija, M. Eskef, Z. Fodor, A. Gobbi, Y. Grishkin, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, M. Kirejczyk, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, H. Merlitz, S. Mohren, D. Moisa, W. Neubert, D. Pelte, M. Petrovici, C. Pinkenburg, C. Plettner, W. Reisdorf, D. Schüll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, G. Stoicea, M. Stockmeier, M. Vasiliev, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
Flow angle from intermediate mass fragment measurements,
Nucl. Phys. **A 646** (1999) 367 – 384.
54. R.M. Freeman, F. Haas, M.P. Nicoli, A. Morsad, and Zoran BASRAK:
Recurring angular distribution patterns in resonant heavy-ion reactions,
European Phys. J. **A 4** (1999) 239 – 244.
55. F. Haddad, Ph. Eudes, Zoran BASRAK, and F. Sébille:
Signature of geometrical effects in heavy-ion reactions below 100 MeV/nucleon,
Phys. Rev. **C 60**, (1999) 031603(R)/1–4.

56. S. Szilner, Zoran BASRAK, R.M. Freeman, F. Haas, A. Morsad, M.P. Nicoli, and C. Beck:
Excitation functions of inelastic and transfer channels in $^{12}\text{C} + ^{12}\text{C}$ between $E_{c.m.}=30$ and 60 MeV,
J. Phys. **G 25** (1999) 1927 – 1933.
57. R. Kotte H. Barz, W. Neubert, C. Plettner, D. Wohlfarth, J.P. Alard, A. Andronic, R. Averbeck, Zoran BASRAK, N. Bastid, A. Bendarag, G. Berek, R. Čaplar, N. Cindro, Ph. Crochet, A. Devismes, P. Dupieux, M. Dželalija, M. Eskef, Z. Fodor, A. Gobbi, Y. Grishkin, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Korolija, M. Kowalczyk, T. Kress, R. Kutsche, A. Lebedev, K.S. Lee, Y. Leifels, V. Manko, H. Merlitz, D. Moisa, A. Nianine, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, A. Somov, G. Stoicea, M.A. Vasiliev, P. Wagner, K. Wiśniewski, J.T. Yang, I. Yushmanov, and A. Zhilin:
On the space-time difference of proton and composite particle emission in central heavy-ion reactions at 400 A · MeV,
European Phys. J. **A 6** (1999) 185 – 195.
58. M.P. Nicoli, F. Haas, R.M. Freeman, N. Aissaoui, C. Beck, A. Elanique, R. Nouicer, A. Morsad, S. Szilner, Zoran BASRAK, M.E. Brandan, and G.R. Satchler:
Elastic scattering of $^{16}\text{O} + ^{16}\text{O}$ at energies E/A between 5 and 10 MeV,
Phys. Rev. **C 60**, (1999) 064608/1–10.
59. Ph. Eudes and Zoran BASRAK:
Does one create very hot nuclei in heavy-ion reactions below 100 MeV/u?,
Nucl. Phys. **A 654** (1999) 769 – 774.
60. M.P. Nicoli, F. Haas, R.M. Freeman, N. Aissaoui, C. Beck, A. Elanique, R. Nouicer, A. Morsad, S. Szilner, Zoran BASRAK, and M.E. Brandan:
Refractive effects in the elastic scattering of light heavy ions between 5 and 10 MeV/n: the $^{16}\text{O} + ^{16}\text{O}$ reaction,
Nucl. Phys. **A 654** (1999) 882 – 887.
61. F. Rami, Y. Leifels, B. de Schauenburg, A. Gobbi, B. Hong, J.P. Alard, A. Andronic, R. Averbeck, V. Barret, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, R. Čaplar, N. Cindro, Ph. Crochet, A. Devismes, P. Dupieux, M. Dželalija, M. Eskef, C. Finck, Z. Fodor, H. Folger, L. Fraysse, A. Genoux-Lubain, Y. Grigorian, Y. Grishkin, N. Herrmann, K.D. Hildenbrand, J. Kecskemeti, Y.J. Kim, P. Koczoń, M. Kirejczyk, M. Korolija, R. Kotte, M. Kowalczyk, T. Kress, R. Kutsche, A. Lebedev, K.S. Lee, V. Manko, H. Merlitz, S. Mohren, D. Moisa, J. Mösner, W. Neubert, A. Nianine, D. Pelte, M. Petrovici, C. Pinkenburg, C. Plettner, W. Reisdorf, J.L. Ritman, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, A. Somov, M.R. Stockmeier, G. Stoicea, M. Vasiliev, P. Wagner, K. Wiśniewski, D. Wohlfarth, J.T. Yang, I. Yushmanov, and A. Zhilin:
Isospin tracing: A probe of nonequilibrium in central heavy-ion collisions,
Phys. Rev. Lett. **84** (2000) 1120 – 1123.
62. M.P. Nicoli, F. Haas, R.M. Freeman, S. Szilner, Zoran BASRAK, A. Morsad, G.R. Satchler, and M.E. Brandan:
Detailed study and mean field interpretation of $^{16}\text{O} + ^{12}\text{C}$ elastic scattering at seven medium energies,
Phys. Rev. **C 61**, (2000) 034609/1–8.
63. Zoran BASRAK and Ph. Eudes:
Onset of binary processes: A new observable for the in-medium NN cross section,
Acta Phys. Polonica **B 31** (2000) 361 – 365.
64. Ph. Crochet, N. Herrmann, K. Wiśniewski, Y. Leifels, A. Andronic, R. Averbeck, A. Devismes, C. Finck, A. Gobbi, O. Hartmann, K.D. Hildenbrand, P. Koczoń, T. Kress, R. Kutsche, W. Reisdorf, D. Schüll, J.P. Alard, V. Barret, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, R. Čaplar, N. Cindro, P. Dupieux, M. Dželalija, M. Eskef, Z. Fodor, Y. Grishkin, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Korolija, R. Kotte, M. Kowalczyk, A. Lebedev, K.S. Lee, V. Manko, H. Merlitz, S. Mohren, D. Moisa, W. Neubert, A. Nianine, D. Pelte, M. Petrovici, C. Plettner, F. Rami, B. de Schauenburg, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, A. Somov, M. Stockmeier, G. Stoicea, M. Vasiliev, P. Wagner, D. Wohlfarth, J.T. Yang, I. Yushmanov, and A. Zhilin:
Sideward flow of K^+ mesons in Ru + Ru and Ni + Ni reactions near threshold,
Phys. Lett. **B 486** (2000) 6 – 12.

65. J. Pluta, K. Wosińska, Zoran BASRAK, G. Bizard, B. Benoit, P. Désesquelles, O. Dorvaux, D. Durand, B. Erazmus, F. Hanappe, B. Jakobsson, C. Lebrun, F.R. Lecolley, R. Lednický, P. Leszczyński, K. Mikhailov, K. Miller, B. Noren, T. Pawlak, M. Przewłocki, Ö. Skeppstedt, A. Staranowicz, A. Stavin-skiy, L. Stuttgé, and B. Tamain:
Two-neutron correlations at small relative momenta in $^{40}\text{Ar} + ^{197}\text{Au}$ collisions at 60 MeV/nucleon,
European Phys. J. **A 9** (2000) 63 – 68.
66. Ph. Eudes and Zoran BASRAK:
Dynamical effects on the quasiprojectile temperature in the Ar + Al reaction,
European Phys. J. **A 9** (2000) 207 – 211.
67. K. Wiśniewski, Ph. Crochet, N. Herrmann, A. Andronic, R. Averbeck, A. Devismes, C. Finck, A. Gobbi, O. Hartmann, K.D. Hildenbrand, P. Koczoń, T. Kress, R. Kutsche, Y. Leifels, W. Reisdorf, D. Schüll, J.P. Alard, V. Barret, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, R. Čaplar, N. Cindro, P. Dupieux, M. Dželalija, M. Eskef, Z. Fodor, Y. Grishkin, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Korolija, R. Kotte, M. Kowalczyk, A. Lebedev, K.S. Lee, V. Manko, H. Merlitz, S. Mohren, D. Moisa, W. Neubert, A. Nianine, D. Pelte, M. Petrovici, C. Plettner, F. Rami, B. de Schauenburg, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, A. Somov, M. Stockmeier, G. Stoicea, M. Vasiliev, P. Wagner, D. Wohlfarth, J.T. Yang, I. Yushmanov, and A. Zhilin:
Direct comparison of phase-space distribution of K^- and K^+ mesons in heavy-ion collisions at SIS energies — evidence for in-medium modifications of kaons?,
European Phys. J. **A 9** (2000) 515 – 519.
68. Ph. Crochet, J.P. Alard, A. Andronic, R. Averbeck, V. Barret, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, R. Čaplar, N. Cindro, A. Devismes, P. Dupieux, M. Dželalija, M. Eskef, C. Finck, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, M. Kowalczyk, T. Kress, R. Kutsche, A. Lebedev, K.S. Lee, Y. Leifels, V. Manko, H. Merlitz, S. Mohren, D. Moisa, W. Neubert, A. Nianine, D. Pelte, M. Petrovici, C. Plettner, F. Rami, W. Reisdorf, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, A. Somov, M.R. Stockmeier, G. Stoicea, M. Vasiliev, P. Wagner, K. Wiśniewski, D. Wohlfarth, J.T. Yang, I. Yushmanov, and A. Zhilin:
Results from FOPI on strangeness in nuclear matter at SIS energies,
J. Phys. **G 27** (2001) 267 – 273.
69. A. Andronic, W. Reisdorf, J.P. Alard, V. Barret, Zoran BASRAK, N. Bastid, A. Bendarag, G. Berek, R. Čaplar, P. Crochet, A. Devismes, P. Dupieux, M. Dželalija, C. Finck, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, R. Kutsche, A. Lebedev, Y. Leifels, W. Neubert, D. Pelte, M. Petrovici, F. Rami, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M.R. Stockmeier, G. Stoicea, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
Differential directed flow in Au plus Au collisions,
Phys. Rev. **C 64**, (2001) 041604(R)/1–5.
70. A. Andronic, G. Stoicea, M. Petrovici, V. Simion, Ph. Crochet, J.P. Alard, R. Averbeck, V. Barret, Zoran BASRAK, N. Bastid, A. Bendarag, G. Berek, R. Čaplar, A. Devismes, P. Dupieux, M. Dželalija, M. Eskef, C. Finck, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Korolija, R. Kotte, T. Kress, R. Kutsche, A. Lebedev, K.S. Lee, Y. Leifels, V. Manko, H. Merlitz, W. Neubert, D. Pelte, C. Plettner, F. Rami, W. Reisdorf, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, K. Siwek-Wilczyńska, V. Smolyankin, M.R. Stockmeier, M. Vasiliev, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
Transition from in-plane to out-of-plane azimuthal enhancement in Au + Au collisions,
Nucl. Phys. **A 679** (2001) 765 – 792.
71. S. Szilner, M.P. Nicoli, Zoran BASRAK, R.M. Freeman, F. Haas, A. Morsad, M.E. Brandan, and G.R. Satchler:
Refractive elastic scattering of carbon and oxygen nuclei: The mean field analysis and Airy structures,
Phys. Rev. **C 64**, (2001) 064614/1–11.

72. A. Tumino, M. Lattuada, S. Romano, C. Spitaleri, D. Vinciguerra, Zoran BASRAK, O.Yu. Goryunov, V.V. Ostashko, S. Szilner, P. Figuera, D. Lo Presti, C. Petta, N. Randazzo, S. Reito, G.V. Russo, and S. Tudisco:
 ^{16}O - ^8Be break-up states and cluster structure of ^{24}Mg ,
 European Phys. J. **A 12** (2001) 327 – 334.
73. K. Wosińska, J. Pluta, F. Hanappe, L. Stuttgé, J.C. Angélique, Zoran BASRAK, B. Benoit, E. De Goes Brennand, G. Bizard, J. Colin, G. Costa, P. Désesquelles, O. Dorvaux, D. Durand, B. Erazmus, A. Kieliszek, S. Kulshov, R. Lednický, P. Leszczyński, M. Marques, T. Materna, K. Mikhailov, K. Miller, G. Papatheofanous, T. Pawlak, M. Przewłocki, A. Staranowicz, A. Stavinskiy, B. Tamain, and A. Vlasov:
 Parameters of emitting sources in Ar-Ni reaction at 77 MeV/u,
 Acta Phys. Polonica **B 33** (2002) 507 – 513.
74. S. Szilner, W. von Oertzen, Zoran BASRAK, F. Haas, and M. Milin:
 Elastic α -transfer in the elastic scattering of $^{16}\text{O} + ^{12}\text{C}$,
 European Phys. J. **A 13** (2002) 273 – 275 (Shortnote).
75. B. Hong, Y.J. Kim, D.H. Kang, Y. Leifels, F. Rami, B. de Schauenburg, K.S. Sim, J.P. Alard, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, G. Berek, R. Čaplar, P. Crochet, A. Devismes, P. Dupieux, M. Dželalija, C. Finck, Z. Fodor, A. Gobbi, Yu. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, J. Kecskemeti, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, R. Kutsche, A. Lebedev, X. Lopez, W. Neubert, D. Pelte, M. Petrovici, W. Reisdorf, D. Schll, Z. Seres, B. Sikora, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M.R. Stockmeier, G. Stoicea, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
 Proton and deuteron rapidity distributions and nuclear stopping in $^{96}\text{Ru}(^{96}\text{Zr}) + ^{96}\text{Ru}(^{96}\text{Zr})$ collisions at 400 A · MeV,
 Phys. Rev. **C 66**, (2002) 034901/1–9.
76. A. Mangiarotti, N. Herrmann, P.R. Maurenzig, A. Gobbi, R. Kotte, J. Kecskemeti, Y. Leifels, J.P. Alard, A. Andronic, R. Averbeck, V. Barret, Zoran BASRAK, N. Bastid, I. Belyaev, A. Bendarag, G. Berek, R. Čaplar, Ph. Crochet, A. Devismes, P. Dupieux, M. Dželalija, Ch. Finck, Z. Fodor, Y. Grishkin,, O. Hartmann, K.D. Hildenbrand, B. Hong, Y.J. Kim,, M. Kirejczyk, P. Koczoń, M. Korolija, T. Kress, R. Kutsche, A. Lebedev, V. Manko, M. Merschmeyer, D. Moisa, A. Nianine, W. Neubert, D. Pelte, M. Petrovici, C. Plettner, F. Rami, W. Reisdorf, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M. Stockmeier, G. Stoicea, M. Vasiliev, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
 Sub-threshold ϕ -meson yield in central $^{58}\text{Ni} + ^{58}\text{Ni}$ collisions,
 Nucl. Phys. **A 714** (2003) 89 – 123.
77. A. Andronic, W. Reisdorf, N. Herrmann, P. Crochet, J.P. Alard, V. Barret, Zoran BASRAK, N. Bastid, G. Berek, R. Čaplar, A. Devismes, P. Dupieux, M. Dželalija, C. Finck, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, R. Kutsche, A. Lebedev, Y. Leifels, W. Neubert, D. Pelte, M. Petrovici, F. Rami, B. de Schauenburg, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M.R. Stockmeier, G. Stoicea, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, and A. Zhilin:
 Directed flow in Au + Au, Xe + CsI, and Ni + Ni collisions and the nuclear equation of state,
 Phys. Rev. **C 67**, (2003) 034907/1–5.
78. M. Dželalija, Zoran BASRAK, and R. Čaplar:
 Weak absorption and resonances in light heavy-ion reactions induced by the non- α -type ^{14}C nucleus,
 Fizika **B 12** (2003) 73 – 80.
79. S. Szilner, F. Haas, and Zoran BASRAK:
 Weak absorption and resonances in light heavy-ion reactions induced by the non- α -type ^{14}C nucleus,
 Fizika **B 12** (2003) 117 – 134.
80. Zoran BASRAK, R. Pezer, and S. Szilner:
 Orbiting-cluster model with combinatorial level density,
 Fizika **B 12** (2003) 145 – 152.

81. S. Szilner, Zoran BASRAK, and F. Haas:
Consequences of weak absorption in light heavy-ion reactions: Molecular resonances and nuclear rainbows, *Heavy Ion Physics* **18** (2003) 285 – 286.
82. G. Stoicea, M. Petrovici, A. Andronic, N. Herrmann, J.P. Alard, Zoran BASRAK, V. Barret, N. Bastid, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, O.N. Hartmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Korolija, R. Kotte, T. Kress, A. Lebedev, Y. Leifels, X. Lopez, M. Merschmeyer, W. Neubert, D. Pelte, F. Rami, W. Reisdorf, D. Schüll, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M. Stockmeier, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, A. Zhilin:
Azimuthal Dependence of Collective Expansion for Symmetric Heavy-Ion Collisions, *Phys. Rev. Lett.* **92**, (2004) 072303/1–5.
83. Zoran BASRAK:
Weakened nuclear opacity and binary reactions, *Nucl. Phys.* **A 738** (2004) 463 – 466.
84. M. Dželalija, Zoran BASRAK, and R. Čaplar:
Cell-size and generalized entropy determination in heavy-ion reactions, *Nucl. Phys.* **A 738** (2004) 483 – 486.
85. W. Reisdorf, F. Rami, B. de Schauenburg, Y. Leifels, J.P. Alard, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, A. Lebedev, X. Lopez, M. Merschmeyer, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, K. Siwek-Wilczyńska, V. Smolyankin, M. Stockmeier, G. Stoicea, Z. Tyimiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.G. Xiao, I. Yushmanov, A. Zhilin:
Droplet formation in expanding nuclear matter: a system-size dependent study, *Phys. Lett.* **B 595** (2004) 118 – 126.
86. K. Wosińska, J. Pluta, F. Hanappe, L. Stuttgé, J.C. Angélique, Zoran BASRAK, B. Benoit, E.D. Brennan, G. Bizard, J. Colin, G. Costa, P. Désesquelles, O. Dorvaux, D. Durand, B. Erasmus, S. Kuleshov, R. Lednicki, P. Leszczyński, M. Marques, T. Materna, K. Mikhailov, G. Papatheofanous, T. Pawlak, M. Przewłocki, A. Staranowicz, A. Stavinskiy, A. Sztenkiel, B. Tamain, A. Vlasov, and L. Vorobyev:
Influence of the Coulomb field on charged particle emission in Ar+Ni reaction at 77 MeV/u, *Acta Phys. Polonica* **B 35** (2004) 1165 – 1171.
87. W. Reisdorf, A. Andronic, A. Gobbi, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, Y.J. Kim, M. Kirejczyk, P. Koczoń, T. Kress, Y. Leifels, A. Schüttauf, Z. Tyimiński, Z.G. Xiao, J.P. Alard, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, Y. Grishkin, B. Hong, J. Kecskemeti, M. Korolija, R. Kotte, A. Lebedev, X. Lopez, M. Merschmeyer, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, F. Rami, B. de Schauenburg, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M. Stockmeier, G. Stoicea, P. Wagner, K. Wiśniewski, D. Wohlfarth, I. Yushmanov, A. Zhilin:
Nuclear stopping from 0.09 A to 1.93 A GeV and its correlation to flow, *Phys. Rev. Lett.* **92**, (2004) 232301/1–4.
88. N. Bastid, P. Dupieux, A. Bendarag, V. Barret, P. Crochet, X. Lopez, J.P. Alard, A. Andronic, Zoran BASRAK, M.L. Benabderrahmane, R. Čaplar, E. Cordier, M. Dželalija, Z. Fodor, I. Gašarić, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, A. Lebedev, Y. Leifels, A. Mangiarotti, V. Manko, M. Merschmeyer, D. Moisa, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, B. de Schauenburg, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, M.M. Smolarkiewicz, V. Smolyankin, I.J. Soliwoda, M.R. Stockmeier, G. Stoicea, Z. Tyimiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.G. Xiao, I. Yushmanov, A. Zhilin:
Shape parameters of the participant source in Ru+Ru collisions at 400 A MeV, *Nucl. Phys.* **A 743** (2004) 29 – 54.

89. A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, G. Berek, R. Čaplar, E. Cordier, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, I. Gašparić, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, A. Lebedev, Y. Leifels, X. Lopez, A. Mangiarotti, M. Merschmeyer, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, B. de Schauenburg, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, M.R. Stockmeier, G. Stoicea, Z. Tymiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, I. Yushmanov, and A. Zhilin:
Excitation function of elliptic flow in Au+Au collisions and the nuclear matter equation of state,
Phys. Lett. **B 612** (2005) 173 – 180.
90. B. Hong, Y.J. Kim, N. Herrmann, M.R. Stockmeier, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, A. Gobbi, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, J. Kecskemeti, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, A. Lebedev, Y. Leifels, X. Lopez, A. Mangiarotti, M. Merschmeyer, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.G. Xiao, I. Yushmanov, and A. Zhilin:
Charged pion production in $^{96}_{44}\text{Ru}+^{96}_{44}\text{Ru}$ collisions at 400 A and 1528 A MeV,
Phys. Rev. **C 71**, (2005) 034902/1 – 11.
91. R. Kotte, J.P. Alard, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, R. Čaplar, E. Cordier, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, I. Gašparić, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, T. Kress, A. Lebedev, Y. Leifels, X. Lopez, M. Merschmeyer, J. Mösner, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, B. de Schauenburg, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.G. Xiao, I. Yushmanov, A. Zhilin:
Two-proton small-angle correlations in central heavy-ion collisions: A beam-energy- and system-size-dependent study
European Phys. J. **A 23** (2005) 271 – 278.
92. N. Bastid, A. Andronic, V. Barret, Zoran BASRAK, M.L. Benabderrahmane, R. Čaplar, E. Cordier, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, I. Gašparić, A. Gobbi, Y. Grishkin, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, B. Hong, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, P. Koczoń, M. Korolija, R. Kotte, T. Kress, A. Lebedev, Y. Leifels, X. Lopez, A. Mangiarotti, V. Manko, M. Merschmeyer, D. Moisa, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, M.M. Smolarkiewicz, V. Smolyankin, I.J. Soliwoda, M.R. Stockmeier, G. Stoicea, Z. Tymiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, I. Yushmanov, A. Zhilin, J.-Y. Ollitrault, N. and Borghini:
First analysis of anisotropic flow with Lee-Yang zeros,
Phys. Rev. **C 72**, (2005) 011901/1 – 5.
93. I. Novosel, Zoran BASRAK, Ph. Eudes, F. Haddad, and F. Sébille:
Early-reaction-phase energy transformation in heavy-ion reactions below 100 MeV/u,
Phys. Lett. **B 625** (2005) 26 – 32.
94. S. Szilner, F. Haas, Zoran BASRAK, R.M. Freeman, A. Morsad, and M.P. Nicoli:
Competition between direct and dissipative processes in the binary channels of the $^{16}\text{O}+^{12}\text{C}$ and $^{18}\text{O}+^{12}\text{C}$ reactions,
Nucl. Phys. **A 779** (2006) 21 – 46.
95. X. Lopez, Y.J. Kim, N. Herrmann, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, R. Čaplar, E. Cordier, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, I. Gašparić, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, T.I. Kang, J. Kecskemeti, M. Kirejczyk, M. Kiš, P. Koczoń, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, M. Merschmeyer, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, M.S. Ryu, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, P. Wagner, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, I. Yushmanov, X.Y. Zhang, A. Zhilin, G. Ferini, and T. Gaitanos:
Isospin dependence of relative yields of K^+ and K^0 mesons at 1.528 A GeV,
Phys. Rev. **C 75** (2007) 011901/1 – 5(R).

96. W. Reisdorf, M.R. Stockmeier, A. Andronic, M.L. Benabderrahmane, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, Y.J. Kim, M. Kiš, P. Koczoń, T. Kress, Y. Leifels, X. Lopez, M. Merschmeyer, A. Schüttauf, V. Barret, Zoran BASRAK, N. Bastid, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, Y. Grishkin, B. Hong, T.I. Kang, J. Kecskemeti, M. Kirejczyk, M. Korolija, R. Kotte, A. Lebedev, T. Matulewicz, W. Neubert, M. Petrovici, F. Rami, M.S. Ryu, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, H.S. Xu, I. Yushmanov, and A. Zhilin:
Systematics of pion emission in heavy ion collisions in the 1 A GeV regime,
Nucl. Phys. **A 781** (2007) 459 – 508.
97. Zoran BASRAK, Ph. Eudes, and F. Sébille:
Selected effects of the in-medium nucleon-nucleon cross section on heavy-ion dynamics below 100 MeV/u,
Romanian Rep. Phys. **59**, (2007) 261 – 271.
98. M. Merschmeyer, X. Lopez, N. Bastid, P. Crochet, N. Herrmann, A. Andronic, V. Barret, Zoran BASRAK, M.L. Benabderrahmane, R. Čaplar, E. Cordier, P. Dupieux, M. Dželalija, Z. Fodor, I. Gašparić, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, T.I. Kang, J. Kecskemeti, Y.J. Kim, M. Kirejczyk, M. Kiš, T. Matulewicz, P. Koczoń, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, A. Mangiarotti, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, M.S. Ryu, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, K. Wiśniewski, Z.G. Xiao, H.S. Xu, I. Yushmanov, X.Y. Zhang, and A. Zhilin:
 K^0 and Λ production in Ni+Ni collisions near threshold,
Phys. Rev. **C 76**, (2007) 024906/1 – 9.
99. X. Lopez, N. Herrmann, P. Crochet, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, P. Buehler, M. Cargnelli, R. Čaplar, E. Cordier, P. Dupieux, M. Dželalija, L. Fabbietti, Z. Fodor, I. Gašparić, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, T.I. Kang, J. Kecskemeti, M. Kirejczyk, Y.J. Kim, M. Kiš, P. Koczoń, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, V. Manko, J. Marton, T. Matulewicz, M. Merschmeyer, W. Neubert, D. Pelte, M. Petrovici, K. Piasecki, F. Rami, W. Reisdorf, M.S. Ryu, P. Schmidt, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, K. Suzuki, Z. Tymiński, Stoicea, G.; Suzuki, K.; Tymiński, Z.; Wagner, P.; Widmann, E.; Wisniewski, K.; Wohlfarth, D.; Xiao, Z. G.; Yushmanov, I.; Zhang, X. Y.; Zhilin, A.; Zmeskal, J.; Kienle, P.; Yamazaki, T. P. Wagner, E. Widmann, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, I. Yushmanov, X.Y. Zhang, A. Zhilin, J. Zmeskal, P. Kienle, and T. Yamazaki:
Subthreshold production of $\Sigma(1385)$ baryons in Al+Al collisions at 1.9 A GeV,
Phys. Rev. **C 76** (2007) 052203/1 – 4(R).
100. M.L. Benabderrahmane, N. Herrmann, K. Wiśniewski, J. Kecskemeti, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, P. Buehler, M. Cargnelli, R. Čaplar, E. Cordier, I. Deppner, P. Crochet, P. Dupieux, M. Dželalija, L. Fabbietti, Z. Fodor, P. Gasik, I. Gašparić, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, T.I. Kang, P. Kienle, M. Kirejczyk, Y.J. Kim, M. Kiš, P. Koczoń, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, X. Lopez, V. Manko, J. Marton, A. Mangiarotti, M. Merschmeyer, T. Matulewicz, M. Petrovici, K. Piasecki, F. Rami, A. Reischl, W. Reisdorf, M. Rogowska, M.S. Ryu, P. Schmidt, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, K. Suzuki, Z. Tymiński, E. Widmann, Z.G. Xiao, T. Yamazaki, I. Yushmanov, X.Y. Zhang, A. Zhilin, J. Zmeskal, E. Bratkovskaya, W. Cassing:
Measurement of the in-medium K^0 inclusive cross section in π^- -induced reactions at 1.15 GeV/c,
Phys. Rev. Lett. **102**, (2009) 182501/1–4.
101. X. Lopez, N. Herrmann, K. Piasecki, A. Andronic, V. Barret, Zoran BASRAK, N. Bastid, M.L. Benabderrahmane, P. Buehler, M. Cargnelli, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, L. Fabbietti, I. Fijał-Kirejczyk, Z. Fodor, P. Gasik, I. Gašparić, Y. Grishkin, O.N. Hartmann, K.D. Hildenbrand, B. Hong, T.I. Kang, J. Kecskemeti, M. Kirejczyk, Y.J. Kim, M. Kiš, P. Koczoń, M. Korolija, R. Kotte, A. Lebedev, Y. Leifels, V. Manko, J. Marton, T. Matulewicz, M. Merschmeyer, W. Neubert, D. Pelte, M. Petrovici, F. Rami, W. Reisdorf, M.S. Ryu, P. Schmidt, A. Schüttauf, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, K. Suzuki, Z. Tymiński, P. Wagner, E. Widmann, K. Wiśniewski, Z.G. Xiao, I. Yushmanov, X.Y. Zhang, A. Zhilin, J. Zmeskal, P. Kienle, and T. Yamazaki:
Measurement of $K^*(892)^0$ and K^0 mesons in Al+Al collisions at 1.9 A GeV,
Phys. Rev. **C 81** (2010) 061902/1 – 4(R).

102. W. Reisdorf, A. Andronic, R. Averbeck, M.L. Benabderrahmane, O.N. Hartmann, N. Herrmann, K.D. Hildenbrand, T.I. Kang, Y.J. Kim, M. Kiš, P. Koczoń, T. Kress, Y. Leifels, M. Merschmeyer, M. Piasecki, A. Schüttauf, M. Stockmeier, V. Barret, Zoran BASRAK, N. Bastid, R. Čaplar, P. Crochet, P. Dupieux, M. Dželalija, Z. Fodor, P. Gasik, Y. Grishkin, B. Hong, J. Kecskemeti, M. Kirejczyk, M. Korolija, R. Kotte, A. Lebedev, X. Lopez, T. Matulewicz, W. Neubert, M. Petrovici, F. Rami, M.S. Ryu, Z. Seres, B. Sikora, K.S. Sim, V. Simion, K. Siwek-Wilczyńska, V. Smolyankin, G. Stoicea, Z. Tymiński, K. Wiśniewski, D. Wohlfarth, Z.-G. Xiao, H.S. Xu, I. Yushmanov, and A. Zhilin:
Systematics of central heavy ion collisions in the 1 *A* GeV regime,
Nucl. Phys. **A 848** (2010) 366 – 427.

Publications in which the co-authors are on the first page but not in the title

103. J.P. Coffin for the FOPI-collaboration

(R. Bock, Z.G. Fan, Z. Fodor, A. Gobbi, K.D. Hildenbrand, S.C. Jeong, M. Krämer, W. Reisdorf, D. Schüll, U. Sodan, K.M. Teh, J. Wessels, N. Herrmann, W. Jakel, R. Linke, D. Pelte, R. Schlesier, M. Trzaska, T. Wienold, T. Blaich, C. Cerruti, J.P. Coffin, P. Fintz, G. Guillaume, F. Jundt, A. Houari, C. Kuhn, C.F. Maguire, F. Rami, R. Tezkratt, P. Wagner, J.P. Alard, N. Bastid, M. Crouau, P. Dupieux, L. Fraysse, M. Jorio, G. Montarou, P. Morel, M. Bini, P. Maurenzig, A. Olmi, G. Pasquali, G. Poggi, N. Taccetti, P. Boccaccio, A. Buta, I. Legrand, D. Moisa, M. Petrovici, V. Simion, Zoran BASRAK, N. Cindro, R. Čaplar, S. Hölbling, J. Erö, Z. Fodor, J. Kecskemeti, P. Koncz, Z. Seres, I.M. Belayev, S. Frollov, Y. Grigorian, Y. Korchagin, A. Lebedev, V. Manko, G. Mgebrishvili, S. Smolyankin, M.A. Vasiliev, A.V. Zhilin, R. Kotte, J. Mösner, W. Neubert, D. Wohlfarth, T. Matulewicz, B. Sikora, and Z. Wilhelmi):

Particle and fragment emission in violent relativistic heavy-ion collisions. The 4π -detector at GSI, a new facility for this investigation,

Int. J. Mod. Phys. **E 1** (1992) 739 – 792.

104. D. Lambrecht, T. Blaich, T.W. Elze, H. Emling, H. Freiesleben, K. Grimm, W. Henning, R. Holzmann, J.G. Keller, H. Klingler, J.V. Kratz, R. Kulesa, S. Lange, Y. Leifels, E. Lubkiewicz, E.F. Moore, W. Prokopowicz, R. Schmidt, C. Schütter, H. Spies, K. Stelzer, J. Stroth, E. Wajda, W. Waluś, M. Zinser, E. Zude, The FOPI-collaboration

(J.P. Alard, Zoran BASRAK, N. Bastid, I.M. Belayev, M. Bini, R. Bock, A. Buta, R. Čaplar, C. Cerruti, N. Cindro, J.P. Coffin, M. Crouau, P. Dupieux, J. Erö, Z.G. Fan, P. Fintz, Z. Fodor, R. Freifelder, L. Fraysse, S. Frollov, A. Gobbi, Y. Grigorian, G. Guillaume, N. Herrmann, K.D. Hildenbrand, S. Hölbling, O. Houari, S.C. Jeong, M. Jorio, F. Jundt, J. Kecskemeti, P. Koncz, Y. Korchagin, R. Kotte, M. Krämer, C. Kuhn, I. Legrand, A. Lebedev, C. Maguire, V. Manko, T. Matulewicz, G. Mgebrishvili, J. Mösner, D. Moisa, G. Montarou, P. Morel, W. Neubert, A. Olmi, G. Pasquali, D. Pelte, M. Petrovici, G. Poggi, F. Rami, W. Reisdorf, A. Sadchikov, D. Schüll, Z. Seres, B. Sikora, V. Simion, S. Smolyankin, U. Sodan, N. Taccetti, K. Teh, R. Tezkratt, M. Trzaska, M.A. Vasiliev, P. Wagner, J.P. Wessels, T. Wienold, Z. Wilhelmi, D. Wohlfarth, and A.V. Zhilin):

Energy dependence of collective flow of neutrons and protons in $^{197}\text{Au}+^{197}\text{Au}$ collisions,

Z. Phys. **A 350** (1994) 115 – 120.