FOPI Publication List

As of aug 2000

A. Andronic and the FOPI collaboration:
Transition from in-plane to out-of-plane azimuthal enhancement in Au on Au collisions.
Nucl. Phys. A 679, 765 (2000)

K. Wiśniewski and the FOPI collaboration:
Direct Comparison of phase-space distributions of K^- and K^+ mesons in heavy ion collisions at SIS energies - Evidence for in-medium modifications of kaons?
Eur. Phys. J. A 9, 515 (2000)

P. Crochet and the FOPI collaboration:
Sideward flow of K^+ in Ru+Ru and Ni+Ni reactions at SIS energies
Phys. Lett. B 486, 6 (2000)

F. Rami and the FOPI collaboration:
Isospin-tracing: A probe of non-equilibrium in central heavy-ion collisions
Phys. Rev. Lett. 84, 1120 (2000)

R. Kotte and the FOPI collaboration:
On the space-time difference of proton and composite particle emission in central heavy-ion reactions at 400 A MeV.
Eur. Phys. J. A 6, 185 (1999)

F. Rami and the FOPI collaboration:
Flow angle from intermediate mass fragments.
Nucl. Phys. A 646, 367 (1999)

M. Eskef and the FOPI collaboration:
Identification of baryon resonances in central heavy-ion collisions at energies between 1 and 2 GeV.
Eur. Phys. J. A 3, 335 (1998)

W. Reisdorf and H.G. Ritter:
Collective flow in heavy ion collisions.

Annu. Rev. Nucl. Part. Sci. 47, 663 (1997)

W. Reisdorf:
Flow, particle yields, equilibration in heavy ion reactions between 0.1 and 2 A GeV.
Nucl. Phys. A 630, 15c (1998)

B. Hong and the FOPI collaboration:
Stopping and radial flow in central ^{58}Ni + ^{58}Ni collisions between 1 and 2 AGeV
Phys. Rev. C 57, 244 (1998)

P. Crochet and the FOPI collaboration:
Azimuthal anisotropies as stringent test for nuclear transport models.
Nucl. Phys. A 627, 522 (1997)

P. Crochet and the FOPI collaboration:
Onset of nuclear matter flow in Au+Au collisions.
Nucl. Phys. A 624, 755 (1997)

D. Best and the FOPI collaboration:
K^+ production in the reaction ^{58}Ni+^{58}Ni at incident energies from 1 to 2 AGeV
Nucl. Phys. A 625, 307 (1997)

B. Hong and the FOPI collaboration:
Abundance of Δ Resonances in ^{58}Ni + ^{58}Ni collisions between 1 and 2 AGeV
Phys. Lett. B 407, 115 (1997)

D. Pelte and the FOPI collaboration:
Charged pions from Ni on Ni collisions between 1 and 2 AGeV
Z. Physik A 359, 55 (1997)

R. Kotte and the FOPI collaboration:
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, 47 (1997)

C. Roy and the FOPI collaboration:
Shape of Collective Flow in Highly Central Au (150 A MeV) + Au Collisions
Z. Physik A 358, 73 (1997)

N. Bastid and the FOPI collaboration:
Out-of-Plane Emission of Nuclear Matter in Au + Au Collisions at 100 to 800 AMeV
Nucl. Phys. A 622, 573 (1997)

W. Reisdorf and the FOPI collaboration:
Central Collisions of Au on Au at 150, 250 and 400 AMeV
Nucl. Phys. A 612, 493 (1997)

D. Pelte and the FOPI collaboration:
Charged Pion Production in Au on Au Collisions at 1 AGeV
Z. Physik, A 357, 215 (1997)

N. Herrmann; FOPI collaboration:
Particle production and flow at SIS energies
Nucl. Phys. A 610, 49c (1996)

J.L. Ritman, FOPI collaboration:
The FOPI Detector at SIS/GSI
Nucl. Phys. B - Proc. Suppl. 44 708 (1995)

A. Gobbi; FOPI collaboration:
Central Au on Au collisions
Nucl. Phys.A 583, 499c (1995)

M. Dželalija and the FOPI collaboration:
Entropy in Central Au + Au Collisions between 100 and 400 AMeV
Phys. Rev. C52, 346 (1995)

J.L. Ritman and the FOPI collaboration:
On the Transverse Momentum Distribution of Strange Hadrons Produced in Relativistic Heavy Ion Collisions
Z. Phys. A352, 355 (1995)

M. Petrovici and the FOPI collaboration:
Cluster Formation during Expansion of Hot and Compressed Nuclear Matter in Central Collisions of Au on Au at 250 AMeV
Phys. Rev. Lett. 74, 5001 (1995)

R. Kotte and the FOPI collaboration:
Interplay of Collective Flow Phenomena and Velocity Correlations of Intermediate

Mass Fragments in Collisions of Au + Au at 100-400 AMeV
Phys. Rev. C51, 2686 (1995)

V. Ramillien and the FOPI collaboration:
Sidewards Flow in Au + Au Collisions at 400 AMeV
Nucl. Phys. A587, 802 (1995)

G. Poggi and the FOPI collaboration:
Evidence for Collective Expansion in Light-Particle Emession Following Au + Au Collisions at 100, 150 and 250 AMeV
Nucl. Phys. A586, 755 (1995)

S.C. Jeong and the FOPI collaboration:
Collective Motion In Selected Central Collisions of Au + Au at 150 AMeV
Phys. Rev. Lett. 72, 3468 (1994)

B. Kämpfer and the FOPI collaboration:
Velocity Correlations of Intermediate-Mass Fragments produced in Central Collisions of Au + Au at 150 AMeV
Phys. Rev. C48, R955 (1993)

C. Kuhn and the FOPI collaboration:
Entropy Production in the Au + Au Reaction between 150 and 800 AMeV
Phys. Rev. C48, 1232 (1993)

N. Herrmann; FOPI collaboration:
Flow and cluster production in central and semicentral Au+Au collisions
Nucl. Phys.A 553, 739c (1993)

A. Gobbi and the FOPI collaboration:
A Highly-Segmented ΔE-Time-of-Flight Wall as Forward Detector of the 4π-System for Charged Particles at the SIS/ESR Accelerator
Nucl. Instr. Meth. A324, 156 (1993)

J.P. Alard and the FOPI collaboration:
Mid-Rapidity Source of Intermediate-Mass Fragments in Highly Central Collisions of Au + Au at 150 AMeV
Phys. Rev. Lett. 69, 889 (1992)