

## Publications 2001 – 2008, RHIC Spin Group

### Primary Publications – Members of Group Played Major Role

1. **Measurements of Single and Double Spin Asymmetry in pp Elastic Scattering in the CNI Region with a Polarized Atomic Hydrogen Gas Jet Target.** Alekseev, I. G., Bravar, A., Bunce, G., Dhawan, S., Eyser, K. O., Gill, R., Haeberli, W., Huang, H., Jinnouchi, O., Kponou, A., Makdisi, Y., Nakagawa, I., Nass, A., Okada, H., Saito, N., Stephenson, E. J., Svirida, D. N., Wise, T., Wood, J., Zelenski, A. Submitted to PRD, June 14, 2008.
2. **High energy hadron polarimetry.** Gerry Bunce (RIKEN BNL & Brookhaven) 2008. 5pp. Published in AIP Conf. Proc. 980:415-419, 2008.
3. **p-carbon polarimetry at RHIC.** I. Nakagawa et al. 2008. 10pp. Published in AIP Conf. Proc. 980:380-389, 2008.
4. **Absolute Measurement of the Polarization of High Energy Proton Beams at RHIC.** A. Bravar et al. PAC07-FRPM5112, Jun 2007. In the Proceedings of Particle Accelerator Conference (PAC 07), Albuquerque, New Mexico, 25-29 Jun 2007, pp 4369.
5. **Absolute Polarimetry at RHIC.** H. Okada, I.G. Alekseev, A. Bravar, G. Bunce, S. Dhawan, K.O. Eyser, R. Gill, W. Haeberli, H. Huang, O. Jinnouchi, Y. Makdisi, I. Nakagawa, A. Nass, N. Saito, E.J. Stephenson, D.N. Svirida, T. Wise, J. Wood and A. Zelenski. AIP Conf. Proc. 980:370-379,2008. The proceedings of 12th International Workshop on Polarized Sources and Targets (PST 2007).
6. **Accelerating polarized protons to 250-GeV.** M. Bai et al. PAC07-TUODKI04, Jun 2007. 3pp. In the Proceedings of Particle Accelerator Conference (PAC 07), Albuquerque, New Mexico, 25-29 Jun 2007, pp 745. Also in \*Albuquerque 2007, Particle accelerator\* 745-747
7. **Statistical equations and methods applied to the precision muon (g-2) experiment at BNL.** By Muon G-2 Collaboration (G.W. Bennett et al.). 2007. 21pp. Published in Nucl. Instrum. Meth. A579:1096-1116,2007.
8. **Status and operational experience with the polarized hydrogen jet at RHIC.** Yousef I. Makdisi et al. 2007. 4pp. Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006. Published in AIP Conf. Proc. 915:975-978, 2007. Also in \*Kyoto 2006, Spin physics\* 975-978
9. **Polarization measurements of RHIC-pp RUN05 using CNI pC-polarimeter. I.** Nakagawa et al. 2007. 4pp. Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006. Published in AIP Conf. Proc. 915:912-915, 2007. Also in \*Kyoto 2006, Spin physics\* 912-915
10. **RHIC performance with polarized protons in run-6.** V. Ptitsyn et al. 2007. 4pp. Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct

2006. Published in AIP Conf. Proc. 915:896-899,2007. Also in \*Kyoto 2006, Spin physics\* 896-899
11. **Search for Lorentz and CPT violation effects in muon spin precession.** By Muon (g-2) Collaboration (G.W. Bennett et al.). Sep 2007. 5pp. Published in Phys. Rev. Lett. 100:091602,2008. e-Print: arXiv:0709.4670 [hep-ex]
  12. **The muon g-2 experiment at Brookhaven: Past and future.** Gerry M. Bunce (Brookhaven & RIKEN BNL) . 2007. 6pp. Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006. Published in AIP Conf. Proc. 915:234-239,2007. Also in \*Kyoto 2006, Spin physics\* 234-239
  13. **Accelerating polarized protons to high energy.** M. Bai et al. 2007. 10pp. Prepared for 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006. Published in AIP Conf. Proc. 915:22-31,2007. Also in \*Kyoto 2006, Spin physics\* 22-31
  14. **RHIC performance as polarized proton collider in Run-6.** V. Ptitsyn et al. Jun 2006. 3pp. Prepared for European Particle Accelerator Conference (EPAC 06), Edinburgh, Scotland, 26-30 Jun 2006. Published in \*Edinburgh 2006, EPAC\* 592-594
  15. **Inclusive cross-section and double helicity asymmetry for pi0 production in p + p collisions at s\*\*(1/2) = 200-GeV: Implications for the polarized gluon distribution in the proton.** By PHENIX Collaboration (A. Adare et al.). Apr 2007. 7pp. Published in Phys. Rev. D76:051106,2007. e-Print: arXiv:0704.3599 [hep-ex]
  16. **Measurements of Single and Double Spin Asymmetry in pp Elastic Scattering in the CNJ Region with Polarized Hydrogen Gas Jet Target.** H. Okada, I.G. Alekseev, A. Bravar, G. Bunce, S. Dhawan, K.O. Eysler, R. Gill, W. Haeberli, H. Huang, O. Jinnouchi, Y. Makdisi, I. Nakagawa, A. Nass, N. Saito, E.J. Stephenson, D.N. Svirida, T. Wise, J. Wood and A. Zelenski. AIP Conf. Proc. 915:681-684, 2007. The proceedings of 17th International Spin Physics Symposium (SPIN2006).
  17. **RHIC Spin--To Study the Spin Structure of the Proton.** G. Bunce (Brookhaven & RIKEN BNL) . SSI-2006-T007, Jul 2006. 12pp. In the Proceedings of 34th SLAC Summer Institute on Particle Physics (SSI 2006): The Next Frontier: Exploring with the LHC, Menlo Park, California, 17-28 Jul 2006.
  18. **Absolute polarization measurements at RHIC in the Coulomb nuclear interference region.** K.O. Eysler et al. Dec 2006. 4pp. To appear in the proceedings of 17th International Spin Physics Symposium (SPIN06), Kyoto, Japan, 2-7 Oct 2006. Published in AIP Conf. Proc. 915:916-919,2007. Also in \*Kyoto 2006, Spin physics\* 916-919 e-Print: nucl-ex/0612020
  19. **J / psi production versus transverse momentum and rapidity in p+p collisions at s\*\*(1/2) = 200-GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 6pp. Published in Phys. Rev. Lett. 98:232002,2007. e-Print: hep-ex/0611020

20. **Single Transverse-Spin Asymmetry in Very Forward and Very Backward Neutral Particle Production for Polarized Proton Collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** A. Bazilevsky et al. Oct 2006. 5pp. Published in Phys.Lett.B650:325-330,2007. e-Print: hep-ex/0610030
21. **Measurement of direct photon production in p + p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Sep 2006. 6pp. Published in Phys. Rev. Lett. 98:012002,2007. e-Print: hep-ex/0609031
22. **Polarized proton collisions at 205-GeV at RHIC.** M. Bai et al. 2006. 4pp. Published in Phys. Rev. Lett. 96:174801,2006.
23. **Jet properties from dihadron correlations in p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). May 2006. 25pp. Published in Phys. Rev. D74:072002,2006. e-Print: hep-ex/0605039
24. **Final Report of the Muon E821 Anomalous Magnetic Moment Measurement at BNL.** By Muon G-2 Collaboration (G.W. Bennett et al.). Feb 2006. 96pp.
25. **Summary of E821 Collaboration measurements of the muon anomalous magnetic moment,** each reported earlier in Letters or Brief Reports. Revised version submitted to Phys. Rev. D. Published in Phys. Rev. D73:072003,2006. e-Print: hep-ex/0602035
26. **53) Improved measurement of double helicity asymmetry in inclusive midrapidity pi0 production for polarized p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Feb 2006. 4pp. Published in Phys. Rev. D73:091102,2006. e-Print: hep-ex/0602004
27. **Charged hadron multiplicity fluctuations in Au+Au and Cu+Cu collisions from  $\sqrt{s_{\text{NN}}} = 22.5$  to 200 GeV.** By PHENIX Collaboration (A. Adare et al.). May 2008. 17pp. Temporary entry e-Print: arXiv:0805.1521 [nucl-ex]
28. **Dilepton mass spectra in p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$  and the contribution from open charm.** By PHENIX Collaboration (A. Adare et al.). Feb 2008. 18pp. Submitted to Phys. Rev. Lett. e-Print: arXiv:0802.0050 [hep-ex]
29. **Energy dependence of pi0 production in Cu + Cu collisions at  $s(\text{NN})^{**}(1/2) = 22.4\text{-GeV}$ ,  $62.4\text{-GeV}$ , and  $200\text{-GeV}$ .** By PHENIX Collaboration (A. Adare et al.). Jan 2008. 7pp. Submitted to Phys. Rev. Lett. e-Print: arXiv:0801.4555 [nucl-ex]
30. **Dihadron azimuthal correlations in Au+Au collisions at  $s(\text{NN})^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (A. Adare et al.). Jan 2008. 44pp. Submitted to Phys. Rev. C e-Print: arXiv:0801.4545 [nucl-ex]
31. **Suppression pattern of neutral pions at high transverse momentum in Au + Au collisions at  $s(\text{NN})^{**}(1/2) = 200\text{-GeV}$  and constraints on medium transport coefficients.** By PHENIX Collaboration (A. Adare et al.). Jan 2008. 6pp. Submitted to Phys. Rev. Lett. e-Print: arXiv:0801.4020 [nucl-ex]

32. **Quantitative Constraints on the Opacity of Hot Partonic Matter from Semi-Inclusive Single High Transverse Momentum Pion Suppression in Au+Au collisions at  $s(NN)^{1/2} = 200\text{-GeV}$ .** By PHENIX Collaboration (A. Adare et al.). Jan 2008. 13pp. Submitted to Phys. Rev. C e-Print: arXiv:0801.1665 [nucl-ex]
33. **J/psi Production in  $s(NN)^{1/2} = 200\text{-GeV}$  Cu+Cu Collisions.** By PHENIX Collaboration (A. Adare et al.). Jan 2008. 6pp. Submitted to Phys. Rev. Lett. CITATION = ARXIV:0706.4361 e-Print: arXiv:0801.0220 [nucl-ex]
34. **Source breakup dynamics in Au+Au Collisions at  $s(NN)^{1/2} = 200\text{-GeV}$  via three-dimensional two-pion source imaging.** By PHENIX Collaboration (S. Afanasiev et al.). Dec 2007. 6pp. e-Print: arXiv:0712.4372 [nucl-ex]
35. **Particle-species dependent modification of jet-induced correlations in Au+Au collisions at  $s(NN)^{1/2} = 200\text{-GeV}$ .** By PHENIX Collaboration (C. Alt et al.). Dec 2007. 6pp. Submitted to Phys. Rev. Lett. e-Print: arXiv:0712.3033 [nucl-ex]
36. **Centrality dependence of charged hadron production in deuteron + gold and nucleon + gold collisions at  $s(NN)^{1/2} = 200\text{-GeV}$ .** By PHENIX Collaboration (S.S. Adler et al.). Aug 2007. 15pp. Published in Phys. Rev. C77:014905,2008. e-Print: arXiv:0708.2416 [nucl-ex]
37. **Enhancement of the dielectron continuum in  $s(NN)^{1/2} = 200\text{-GeV}$  Au+Au collisions.** By PHENIX Collaboration (S. Afanasiev et al.). Jun 2007. 7pp. Submitted to Phys. Rev. Lett. e-Print: arXiv:0706.3034 [nucl-ex]
38. **Transverse momentum and centrality dependence of dihadron correlations in Au+Au collisions at  $s(NN) = 200\text{-GeV}$ : Jet-quenching and the response of partonic matter.** By PHENIX Collaboration (A. Adare et al.). May 2007. 6pp. Published in Phys. Rev. C77:011901,2008. e-Print: arXiv:0705.3238 [nucl-ex]
39. **Inclusive cross-section and double helicity asymmetry for pi0 production in p + p collisions at  $s^{1/2} = 200\text{-GeV}$ : Implications for the polarized gluon distribution in the proton.** By PHENIX Collaboration (A. Adare et al.). Apr 2007. 7pp. Published in Phys. Rev. D76:051106,2007. e-Print: arXiv:0704.3599 [hep-ex]
40. **Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in Au+Au collisions at  $s(NN)^{1/2} = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Apr 2007. 32pp. Published in Phys. Rev. C76:034903,2007. e-Print: arXiv:0704.2894 [nucl-ex]
41. **Elliptic flow for phi mesons and (anti)deuterons in Au + Au collisions at  $s(NN)^{1/2} = 200\text{-GeV}$ .** By PHENIX Collaboration (S. Afanasiev et al.). Mar 2007. 6pp. Published in Phys. Rev. Lett. 99:052301,2007. e-Print: nucl-ex/0703024
42. **Production of omega mesons at Large Transverse Momenta in p + p and d + Au Collisions at  $s^{1/2}(NN) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Nov 2006. 6pp. Published in Phys. Rev. C75:051902,2007. e-Print: nucl-ex/0611031

43. **J/psi Production vs Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at  $s(NN)^{1/2} = 200$ -GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 6pp. Published in Phys. Rev. Lett. 98:232301,2007. e-Print: nucl-ex/0611020
44. **System Size and Energy Dependence of Jet-Induced Hadron Pair Correlation Shapes in Cu+Cu and Au+Au Collisions at  $s(NN)^{1/2} = 200$  and 62.4-GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 6pp. Published in Phys. Rev. Lett. 98:232302,2007. e-Print: nucl-ex/0611019
45. **Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at  $s(NN)^{1/2} = 200$ -GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 6pp. Published in Phys. Rev. Lett. 98:172301,2007. e-Print: nucl-ex/0611018
46. **Correlated Production of p and anti-p in Au+Au Collisions at  $s(NN)^{1/2} = 200$ -GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 12pp. Published in Phys.Lett.B649:359-369,2007. e-Print: nucl-ex/0611016
47. **J / psi production versus transverse momentum and rapidity in p+p collisions at  $s^{1/2} = 200$ -GeV.** By PHENIX Collaboration (A. Adare et al.). Nov 2006. 6pp. Published in Phys. Rev. Lett. 98:232002,2007. e-Print: hep-ex/0611020
48. **A Detailed Study of High-p(T) Neutral Pion Suppression and Azimuthal Anisotropy in Au+Au Collisions at  $s(NN)^{1/2} = 200$ -GeV.** By PHENIX Collaboration (Stephen Scott Adler et al.). Nov 2006. 23pp. Published in Phys. Rev. C76:034904,2007. e-Print: nucl-ex/0611007
49. **High transverse momentum eta meson production in p+p, d+Au and Au+Au collisions at  $S(NN)^{1/2} = 200$ -GeV.** By PHENIX Collaboration (Stephen Scott Adler et al.). Nov 2006. 38pp. Published in Phys. Rev. C75:024909,2007. e-Print: nucl-ex/0611006
50. **Centrality dependence of pi0 and eta production at large transverse momentum in  $s(NN)^{1/2} = 200$ -GeV d+Au collisions.** By PHENIX Collaboration (Stephen Scott Adler et al.). Oct 2006. 6pp. Published in Phys. Rev. Lett. 98:172302,2007. e-Print: nucl-ex/0610036
51. **Single Transverse-Spin Asymmetry in Very Forward and Very Backward Neutral Particle Production for Polarized Proton Collisions at  $s^{1/2} = 200$ -GeV.** A. Bazilevsky et al. Oct 2006. 5pp. Published in Phys.Lett.B650:325-330,2007. e-Print: hep-ex/0610030
52. **Measurement of Single Muons at Forward Rapidity in p+p Collisions at  $s^{1/2} = 200$ -GeV and Implications for Charm Production.** By PHENIX Collaboration (Stephen Scott Adler et al.). Sep 2006. 25pp. Published in Phys. Rev. D76:092002,2007. e-Print: hep-ex/0609032
53. **Measurement of direct photon production in p + p collisions at  $s^{1/2} = 200$ -GeV.** By PHENIX Collaboration (Stephen Scott Adler et al.). Sep 2006. 6pp. Published in Phys. Rev. Lett. 98:012002,2007. e-Print: hep-ex/0609031

54. **Measurement of high-p(T) single electrons from heavy-flavor decays in p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (A. Adare et al.). Sep 2006. 6pp. Published in Phys. Rev. Lett. 97:252002,2006. e-Print: hep-ex/0609010
55. **Scaling properties of azimuthal anisotropy in Au+Au and Cu+Cu collisions at  $s(\text{NN}) = 200\text{-GeV}$ .** By PHENIX Collaboration (A. Adare et al.). Aug 2006. 6pp. Published in Phys. Rev. Lett. 98:162301,2007. e-Print: nucl-ex/0608033
56. **Evidence for a long-range component in the pion emission source in Au + Au collisions at  $s(\text{NN})^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). May 2006. 6pp. Published in Phys. Rev. Lett. 98:132301,2007. e-Print: nucl-ex/0605032
57. **Jet properties from dihadron correlations in p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). May 2006. 25pp. Published in Phys. Rev. D74:072002,2006. e-Print: hep-ex/0605039
58. **Azimuthal angle correlations for rapidity separated hadron pairs in d + Au Collisions at  $s(\text{NN})^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Mar 2006. 6pp. Published in Phys. Rev. Lett. 96:222301,2006. e-Print: nucl-ex/0603017
59. **Nuclear effects on hadron production in d = Au and p + p collisions at  $s(\text{NN})^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Mar 2006. 13pp. Published in Phys. Rev. C74:024904,2006. e-Print: nucl-ex/0603010
60. **Improved measurement of double helicity asymmetry in inclusive midrapidity  $\pi^0$  production for polarized p+p collisions at  $s^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Feb 2006. 4pp. Published in Phys. Rev. D73:091102,2006. e-Print: hep-ex/0602004
61. **Common suppression pattern of eta and  $\pi^0$  mesons at high transverse momentum in Au+Au collisions at  $S(\text{NN})^{**}(1/2) = 200\text{-GeV}$ .** By PHENIX Collaboration (Stephen Scott Adler et al.). Jan 2006. 6pp. Published in Phys. Rev. Lett. 96:202301,2006. e-Print: nucl-ex/0601037
62. **MEASUREMENT OF THE ANALYZING POWER  $A_N$  IN PP ELASTIC SCATTERING IN THE CNI REGION WITH A POLARIZED ATOMIC HYDROGEN GAS JET TARGET.** H. Okada *et al.*. Jan 2006. 4pp. e-Print Archive: hep-ex/0601001
63. **POLARIZED PROTON COLLISIONS AT 205 GEV AT RHIC.** M. Bai *et al.* **Phys. Rev. Lett. (in press) 2006.**
64. **TRANSVERSE SPIN AND RHIC.** By L.C. Bland (Brookhaven),. Feb 2006. 11pp. To appear in the proceedings of International Workshop on Transverse Polarization Phenomena in Hard Processes (Transversity 2005), Villa Olmo, Como, Italy, 7-10 Sep 2005. e-Print Archive: hep-ex/0602012

65. **FORWARD NEUTRAL PION PRODUCTION IN P+P AND D+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Feb 2006. 6pp. Submitted to **Phys. Rev. Lett.** e-Print Archive: **nucl-ex/0602011**
66. **MEASUREMENT OF TRANSVERSE SINGLE-SPIN ASYMMETRIES FOR MID-RAPIDITY PRODUCTION OF NEUTRAL PIONS AND CHARGED HADRONS IN POLARIZED P+P COLLISIONS AT  $S^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jul 2005. 6pp. Published in **Phys. Rev. Lett.** **95:202001, 2005** e-Print Archive: **hep-ex/0507073**
67. **POLARIZED PROTON COLLISIONS AT RHIC.** M. Bai *et al.*. May 2005. 3pp. Prepared for Particle Accelerator Conference (PAC 05), Knoxville, Tennessee, 16-20 May 2005. Published in Knoxville 2005, Particle Accelerator Conference 600
68. **FUTURE OF LOW-X FORWARD PHYSICS AT RHIC.** L.C. Bland *et al.*. Feb 2005. 8pp. Contributed to International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:427-435, 2005** e-Print Archive: **hep-ex/0502040**
69. **SPIN DEPENDENCE IN POLARIZED P P  $\rightarrow$  P P AND P C  $\rightarrow$  P C ELASTIC SCATTERING AT VERY LOW MOMENTUM TRANSFER T AT RHIC.** A. Bravar *et al.*. 2005. 5pp. Published in **Nucl. Phys. Proc. Suppl.** **146:77-81, 2005** Also in Cala Gonone 2004, Diffraction in high-energy physics 77-81
70. **MEASUREMENT OF THE SPIN STRUCTURE OF THE DEUTERON IN THE DIS REGION.** By COMPASS Collaboration (E.S. Ageev *et al.*). CERN-PH-EP-2005-001, DAPNIA-05-11, Jan 2005. 9pp. Published in **Phys. Lett.** **B612:154-164, 2005** e-Print Archive: **hep-ex/0501073**
71. **ABSOLUTE POLARIZED H-JET POLARIMETER DEVELOPMENT, FOR RHIC.** A. Zelenski *et al.*. 2005. 7pp. Prepared for 10th Workshop on Polarized Sources and Targets, Novosibirsk, Russia, 22-26 Sep 2003. Published in **Nucl. Instrum. Meth.** **A536:248-254, 2005**
72. **THE RHIC SPIN PROGRAM: RECENT RESULTS AND FUTURE PROSPECTS.** By RHIC Spin Collaboration (A. Bravar *for the collaboration*). 2005. 4pp. Prepared for 10th International Conference on Structure of Baryons (Baryons 2004), Palaiseau, France, 25-29 Oct 2004. Published in **Nucl. Phys.** **A755:313-316, 2005**
73. **PROTON POLARIMETRY AT RHIC.** By A. Bravar (Brookhaven),. 2005. 6pp. Prepared for 13th International Workshop on Deep Inelastic Scattering (DIS 05), Madison, Wisconsin, 27 Apr - 1 May 2005. Published in **AIP Conf. Proc.** **792:1039-1044, 2005** Also in Madison 2005, Deep inelastic scattering 1039-1044
74. **NEUTRAL PION SUPPRESSION AT FORWARD RAPIDITIES IN D+AU COLLISIONS AT STAR.** By STAR Collaboration (G. Rakness for the collaboration). Jul

2005. 4pp. Talk given at 13th International Workshop on Deep Inelastic Scattering (DIS 05), Madison, Wisconsin, 27 Apr - 1 May 2005. Published in **AIP Conf. Proc. 792:291-294,2005** Also in Madison 2005, Deep inelastic scattering 291-294 e-Print Archive: **hep-ex/0507093**
75. **FIRST MEASUREMENT OF A(N) AT  $S^{**}(1/2) = 200$ -GEV IN POLARIZED PROTON-PROTON ELASTIC SCATTERING AT RHIC.** S. Bultmann *et al.*. Jul 2005. 15pp. Published in **Phys. Lett. B632:167-172, 2006** e-Print Archive: **nucl-ex/0507030**
76. **MEASUREMENT OF THE ANALYZING POWER OF PROTON-CARBON ELASTIC SCATTERING IN THE CNI REGION AT RHIC.** O. Jinnouchi *et al.*. Dec 2004. 4pp. To appear in the proceedings of 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 515-518 e-Print Archive: **nucl-ex/0412053**
77. **P-CARBON CNI POLARIMETERS AT BNL: THE FASTEST PHYSICS SETUP IN THE WORLD.** I.G. Alekseev *et al.*. Oct 2004. 4pp. Prepared for 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 722-725
78. **SPIN DEPENDENCE IN ELASTIC SCATTERING IN THE CNI REGION.** A. Bravar *et al.*. Oct 2004. 6pp. Prepared for 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 700-705
79. **STATUS OF PROTON POLARIZATION IN RHIC AND AGS.** W.W. MacKay *et al.*. Oct 2004. 8pp. Prepared for 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 163-170
80. **V.W. HUGHES: 'TO LEARN FUNDAMENTAL THINGS' 1921-2003.** By G. Bunce (RIKEN BNL), Oct 2004. 5pp. Prepared for 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 103-107
81. **DOUBLE HELICITY ASYMMETRY IN INCLUSIVE MID-RAPIDITY  $\pi^0$  PRODUCTION FOR POLARIZED P + P COLLISIONS AT  $S^{**}(1/2) = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Apr 2004. 6pp. Published in **Phys. Rev. Lett. 93:202002, 2004** e-Print Archive: **hep-ex/0404027**
82. **A FIRST MEASUREMENT OF THE HELICITY ASYMMETRIES FOR POLARIZED PROTON COLLISIONS AT  $S^{**}(1/2) = 200$ -GEV.** By PHENIX Collaboration (G. Bunce *for the collaboration*). Feb 2004. 5pp. Prepared for Lake Louise Winter Institute 2004 on Fundamental Interactions (LL WI 2004), Lake Louise, Alberta, Canada, 15-21 Feb 2004. Published in Lake Louise 2004, Fundamental interactions 130-134



83. **SPIN DEPENDENCE IN POLARIZED P C ---> P C SCATTERING AT LOW MOMENTUM TRANSFER AND POLARIMETRY AT RHIC.** A. Bravar *et al.*. 2004. 4pp. Published in **AIP Conf. Proc. 698:643-646, 2004** Also in New York 2003, Intersections of particle and nuclear physics 643-646
84. **POLARIMETRY AT RHIC AND THE AGS.** H. Spinka *et al.*. 2004. Prepared for Advanced Studies Institute on Symmetries and Spin (Spin Praha 2003), Prague, Czech Republic, 12-19 Jul 2003. Published in **Czech. J. Phys. 54:B155-B160, 2004**
85. **STATUS OF THE RHIC SPIN PROGRAM.** By L.C. Bland (Brookhaven),. Dec 2004. 9pp. Contributed to 2nd HiX2004 Workshop: Structure of the Nucleon at Large Bjorken x, Marseille, Luminy, France, 26-28 Jul 2004. Published in **AIP Conf. Proc. 747:63-71, 2005** Also in Marseille 2004, structure of the nucleon at large Bjorken x 63-71 e-Print Archive: **hep-ex/0412009**
86. **STAR RESULTS FROM POLARIZED PROTON COLLISIONS AT RHIC.** By STAR Collaboration (L.C. Bland *for the collaboration*). Mar 2004. 10pp. Invited talk at 10th International Workshop on High-Energy Spin Physics (SPIN 03), Dubna, Russia, 16-20 Sep 2003. e-Print Archive: **hep-ex/0403012**
87. **SPIN ASYMMETRIES FOR EVENTS WITH HIGH P(T) HADRONS IN DIS AND AN EVALUATION OF THE GLUON POLARIZATION.** By Spin Muon Collaboration (SMC) (B. Adeva *et al.*). Feb 2004. 13pp. Published in **Phys. Rev. D70:012002, 2004** e-Print Archive: **hep-ex/0402010**
88. **SPIN EFFECTS IN LARGE RAPIDITY NEUTRAL PION PRODUCTION AT STAR.** By STAR Collaboration (Akio Ogawa *for the collaboration*). Dec 2004. 4pp. To appear in the proceedings of 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 337-340 e-Print Archive: **hep-ex/0412035**
89. **THE PP2PP EXPERIMENT AT RHIC: SILICON DETECTORS INSTALLED IN ROMAN POTS FOR FORWARD PROTON DETECTION CLOSE TO THE BEAM.** S. Bultmann *et al.*. 2004. 6pp. Prepared for 10th Vienna Conference on Instrumentation, Vienna, Austria, 16-21 Feb 2004. Published in **Nucl. Instrum. Meth. A535:415-420, 2004**
90. **POLARIZED PROTON COLLIDER AT RHIC.** I. Alekseev *et al.*. FERMILAB-PUB-03-327, 2003. 23pp. Published in **Nucl. Instrum. Meth. A499:392-414, 2003**
91. **FIRST POLARIZED PROTON COLLISIONS AT RHIC.** T. Roser *et al.*. 2003. 8pp. Prepared for US - CERN - Japan - Russia Joint Particle Accelerator School, Long Beach, California, 6-14 Nov 2002. Published in **AIP Conf. Proc. 667:1-8, 2003** Also in Ann Arbor 2002, Increasing the AGS polarization 1-8
92. **THE AGS CNI POLARIMETER.** G. Bunce *et al.*. 2003. 4pp. Prepared for US - CERN - Japan - Russia Joint Particle Accelerator School, Long Beach, California, 6-14 Nov 2002.

Published in **AIP Conf. Proc. 667:77-80, 2003** Also in Ann Arbor 2002, Increasing the AGS polarization 77-80

93. **MEASUREMENT OF SINGLE TRANSVERSE-SPIN ASYMMETRY IN FORWARD PRODUCTION OF PHOTONS AND NEUTRONS IN P P COLLISIONS AT  $S^{*}(1/2) = 200$ -GEV.** A. Bazilevsky *et al.*. 2003. 5pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:584-588, 2003** Also in Upton/Danvers 2002, Spin 2002 584-588
94. **RHIC P C CNI POLARIMETER: EXPERIMENTAL SETUP AND PHYSICS RESULTS.** I.G Alekseev *et al.*. 2003. 5pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:812-816, 2003** Also in Upton/Danvers 2002, Spin 2002 812-816
95. **RHIC P C CNI POLARIMETER: STATUS AND PERFORMANCE FROM THE FIRST COLLIDER RUN.** O. Jinnouchi *et al.*. 2003. 9pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:817-825, 2003, Czech. J. Phys. 53:B409-B415, 2003** Also in Upton/Danvers 2002, Spin 2002 817-825
96. **POLARIZED H- JET POLARIMETER FOR ABSOLUTE PROTON POLARIZATION MEASUREMENTS IN RHIC.** A. Zelenski *et al.*. 2003. 7pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:954-960, 2003** Also in Upton/Danvers 2002, Spin 2002 954-960
97. **THE PHYSICS OF RHIC SPIN.** By G. Bunce (Brookhaven & RIKEN BNL),. 2003. 10pp. Prepared for 31st Coral Gables Conference on High-Energy Physics and Cosmology: Short Distance Behavior of Fundamental Interactions, Fort Lauderdale, Florida, 11-14 Dec 2002. Published in **AIP Conf. Proc. 672:100-109, 2003** Also in Fort Lauderdale 2002, Short distance behavior of fundamental interactions 100-109
98. **THE ABSOLUTE POLARIMETER FOR RHIC.** By Jet Target Collaboration (A. Bravar *for the collaboration*). 2003. 6pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:830-835, 2003** Also in Upton/Danvers 2002, Spin 2002 830-835
99. **STAR FORWARD  $\pi^0$  DETECTOR UPGRADE.** By STAR Collaboration (A. Ogawa *for the collaboration*). 2003. 5pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:407-411, 2003** Also in Upton/Danvers 2002, Spin 2002 407-411
100. **AZIMUTHAL ASYMMETRIES IN FRAGMENTATION PROCESSES AT KEKB.** By K. Hasuko, M. Grosse Perdekamp, A. Ogawa, J.S. Lange, V. Siegle (RIKEN BNL & Wako, RIKEN & Brookhaven & Frankfurt U.),. 2003. 5pp. Prepared for 15th International

Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:454-458, 2003** Also in Upton/Danvers 2002, Spin 2002 454-458

101. **SPIN PHYSICS AT STAR.** By STAR Collaboration (A. Ogawa *for the collaboration*). 2003. 5pp. Prepared for 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:504-508, 2003** Also in Upton/Danvers 2002, Spin 2002 504-508
102. **FIRST MEASUREMENT OF PROTON PROTON ELASTIC SCATTERING AT RHIC.** Stephen L. Bueltmann *et al.*. May 2003. 9pp. Published in **Phys. Lett. B579:245-250, 2004** e-Print Archive: **nucl-ex/0305012**
103. **THE FIRST RHIC SPIN RUN AT PHENIX AND PP2PP.** By Gerry Bunce (RIKEN BNL),. Aug 2002. 5pp. Invited talk at 37th Rencontres de Moriond on QCD and Hadronic Interactions, Les Arcs, France, 16-23 Mar 2002. e-Print Archive: **hep-ex/0208002**
104. **MEASUREMENT OF ANALYZING POWER FOR PROTON CARBON ELASTIC SCATTERING IN THE COULOMB NUCLEAR INTERFERENCE REGION WITH A 22-GEV/C POLARIZED PROTON BEAM.** J. Tojo *et al.*. Jun 2002. 4pp. Published in **Phys. Rev. Lett. 89:052302, 2002** e-Print Archive: **hep-ex/0206057**
105. **ACCELERATING AND COLLIDING POLARIZED PROTONS IN RHIC WITH SIBERIAN SNAKES.** T. Roser *et al.*. Jun 2002. 3pp. Prepared for 8th European Particle Accelerator Conference (EPAC 2002), Paris, France, 3-7 Jun 2002. Published in Paris 2002, EPAC 02 209-211
106. **COMMISSIONING CNI PROTON POLARIMETERS IN RHIC.** H. Huang *et al.*. Jun 2002. 3pp. Prepared for 8th European Particle Accelerator Conference (EPAC 2002), Paris, France, 3-7 Jun 2002. Published in Paris 2002, EPAC 02 338-340
107. **MEASUREMENT OF ANALYZING POWERS OF  $\pi^+$  AND  $\pi^-$  PRODUCED ON A HYDROGEN AND A CARBON TARGET WITH A 22-GEV/C INCIDENT POLARIZED PROTON BEAM.** C. E. Allgower *et al.*. May 2002. 24pp. Published in **Phys. Rev. D65:092008, 2002**
108. **THE FIRST RHIC SPIN RUN.** By G. Bunce (RIKEN BNL & Brookhaven),. 2002. Prepared for European Workshop on the QCD Structure of the Nucleon (QCD-N'02), Ferrara, Italy, 3-6 Apr 2002. Published in **Nucl. Phys. A711:62-68, 2002**
109. **SPIN PHYSICS AT RHIC.** By L.C. Bland (Brookhaven),. Dec 2002. 14pp. To appear in the proceedings of 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:98-111, 2003** Also in Upton/Danvers 2002, Spin physics 98-111 e-Print Archive: **hep-ex/0212013**

110. **DIFFRACTION AT RHIC.** By A. Bravar, W. Guryan (Brookhaven), S.R. Klein (LBL, Berkeley), D. Milstead (Liverpool U.), B. Surrow (Brookhaven),. Aug 2002. 7pp. Published in **J. Phys. G28:2885, 2002** e-Print Archive: **hep-ex/0208050**
111. **THE FUTURE OF DIFFRACTION AT RHIC.** By W. Guryan (Brookhaven),. 2001. Prepared for DIFFRACTION 2000: International Workshop on Diffraction in High-energy and Nuclear Physics, Cetraro, Cosenza, Italy, 2-7 Sep 2000. Published in **Nucl. Phys. Proc. Suppl. 99A:299-308, 2001** Also in Cetraro 2000, Diffraction in high-energy physics 299-308
112. **MEASUREMENT OF IDENTIFIED  $\pi^0$  AND INCLUSIVE PHOTON  $V(2)$  AND IMPLICATION TO THE DIRECT PHOTON PRODUCTION IN  $S(NN)^{1/2} = 200$ -GEV AU+AU COLLISIONS.** By PHENIX Collaboration (S.S. Adler *et al.*). Aug 2005. 6pp. Published in **Phys. Rev. Lett. 96:032302, 2006** e-Print Archive: **nucl-ex/0508019**
113. **CENTRALITY DEPENDENCE OF DIRECT PHOTON PRODUCTION IN  $S(NN)^{1/2} = 200$ -GEV AU + AU COLLISIONS.** By PHENIX Collaboration (S.S. Adler *et al.*). Mar 2005. 6pp. Published in **Phys. Rev. Lett. 94:232301, 2005** e-Print Archive: **nucl-ex/0503003**
114. **GLUON POLARIZATION IN THE NUCLEON FROM QUASI-REAL PHOTOPRODUCTION OF HIGH-P(T) HADRON PAIRS.** By COMPASS Collaboration (E.S. Ageev *et al.*). CERN-PH-EP-2005-049, DAPNIA-05-297, Oct 2005. 10pp. Published in **Phys. Lett. B633:25-32, 2006** e-Print Archive: **hep-ex/0511028**
115. **FIRST MEASUREMENT OF THE TRANSVERSE SPIN ASYMMETRIES OF THE DEUTERON IN SEMI-INCLUSIVE DEEP INELASTIC SCATTERING.** By COMPASS Collaboration (V.Yu. Alexakhin *et al.*). CERN-PH-EP-2005-003, DAPNIA-05-17, Feb 2005. 9pp. Published in **Phys. Rev. Lett. 94:202002, 2005** e-Print Archive: **hep-ex/0503002**
116. **THE COMPASS TRIGGER SYSTEM FOR MUON SCATTERING.** C. Bernet *et al.*. 2005. 24pp. Published in **Nucl. Instrum. Meth. A550:217-240, 2005**
117. **SPIN DEPENDENT FRAGMENTATION FUNCTIONS AT BELLE.** By A. Ogawa, D. Gabbert, M. Grosse Perdekamp, R. Seidl, K. Hasuko (RIKEN BNL & Illinois U., Urbana & Wako, RIKEN),. 2005. 4pp. Prepared for 13th International Workshop on Deep Inelastic Scattering (DIS 05), Madison, Wisconsin, 27 Apr - 1 May 2005. Published in **AIP Conf. Proc. 792:949-952, 2005** Also in Madison 2005, Deep inelastic scattering 949-952
118. **PHENIX SPIN PROGRAM, RECENT RESULTS.** By PHENIX Collaboration (Alexander Bazilevsky *for the collaboration*). May 2005. 4pp. To appear in the proceedings of 40th Rencontres de Moriond on QCD and High Energy Hadronic Interactions, La Thuile, Aosta Valley, Italy, 12-19 Mar 2005. Published in **Czech. J. Phys. 55:A55-A64, 2005** e-Print Archive: **hep-ex/0505028**

119. **SPIN EFFECTS IN LARGE RAPIDITY  $\pi^0$  PRODUCTION AT STAR.** By STAR Collaboration (D.A. Morozov for the collaboration). Dec 2005. 6pp. To appear in the proceedings of 11th International Workshop on High Energy Spin Physics (DUBNA-SPIN-05), Dubna, Russia, 27 Sep - 1 Oct 2005. e-Print Archive: **hep-ex/0512013**
120. **FORWARD PION PRODUCTION IN P + P AND D + AU COLLISIONS AT STAR.** By STAR Collaboration (G. Rakness for the collaboration). May 2005. 5pp. Presented at 40th Rencontres de Moriond on QCD and High Energy Hadronic Interactions, La Thuile, Aosta Valley, Italy, 12-19 Mar 2005. e-Print Archive: **hep-ex/0505062**
121. **FORWARD PION PRODUCTION IN HADRON COLLISIONS AT STAR.** By STAR Collaboration (G. Rakness for the collaboration). Jan 2005. 5pp. Talk given at Diffraction 2004: International Workshop on Diffraction in High-Energy Physics, Cala Gonone, Sardinia, Italy, 18-23 Sep 2004. Published in **Nucl. Phys. Proc. Suppl. 146:73-76, 2005** Also in Cala Gonone 2004, Diffraction in high-energy physics 73-76 e-Print Archive: **nucl-ex/0501026**
122. **NUCLEAR TRANSPARENCY IN 90 DEGREE C.M. QUASIELASTIC A(P, 2P) REACTIONS.** Jaime L.S. Aclander *et al.*. May 2004. 24pp. Published in **Phys. Rev. C70:015208, 2004** e-Print Archive: **nucl-ex/0405025**
123. **FINAL RESULTS FROM THE MUON G-2 EXPERIMENT.** By g-2 Collaboration (G. Bunce *for the collaboration*). Feb 2004. 5pp. Prepared for Lake Louise Winter Institute 2004 on Fundamental Interactions (LL WI 2004), Lake Louise, Alberta, Canada, 15-21 Feb 2004. Published in Lake Louise 2004, Fundamental interactions 135-139
124. **MEASUREMENT OF THE NEGATIVE MUON ANOMALOUS MAGNETIC MOMENT TO 0.7 PPM.** By Muon g-2 Collaboration (G.W. Bennett *et al.*). Jan 2004. 4pp. Press Release. Published in **Phys. Rev. Lett. 92:161802, 2004** e-Print Archive: **hep-ex/0401008**
125. **STATUS OF THE RHIC SPIN PROGRAM.** By L.C. Bland (Brookhaven),. Dec 2004. 9pp. Contributed to 2nd HiX2004 Workshop: Structure of the Nucleon at Large Bjorken x, Marseille, Luminy, France, 26-28 Jul 2004. Published in **AIP Conf. Proc. 747:63-71, 2005** Also in Marseille 2004, structure of the nucleon at large Bjorken x 63-71 e-Print Archive: **hep-ex/0412009**
126. **FORWARD PHYSICS AT STAR: STATUS OF ANALYSIS ON FORWARD AND MID RAPIDITY CORRELATION MEASUREMENTS IN P+P AND D+AU.** By STAR Collaboration (Akio Ogawa *for the collaboration*). Aug 2004. 6pp. To appear in the proceedings of 12th International Workshop on Deep Inelastic Scattering (DIS 2004), Strbske Pleso, Slovakia, 14-18 Apr 2004. Published in Strbske Pleso 2004, Deep inelastic scattering 362-367 e-Print Archive: **nucl-ex/0408004**
127. **SPIN DEPENDENT FRAGMENTATION FUNCTIONS AT BELLE.** By D. Gabbert, M. Grosse Perdekamp, R. Seidl (Illinois U., Urbana), A. Ogawa (RIKEN BNL), K. Hasuko

(Wako, RIKEN),. Oct 2004. 4pp. Prepared for 16th International Spin Physics Symposium (SPIN 2004), Trieste, Italy, 10-16 Oct 2004. Published in Trieste/Mainz 2004, SPIN 2004 361-364

128. **NUCLEAR TRANSPARENCY IN 90 DEGREE C.M. QUASIELASTIC A(P, 2P) REACTIONS.** Jaime L.S. Aclander *et al.*. May 2004. 24pp. Published in **Phys. Rev. C70:015208, 2004** e-Print Archive: **nucl-ex/0405025**
129. **FUTURE MEASUREMENTS OF SPIN DEPENDENT FRAGMENTATION FUNCTIONS IN E+ E- ANNIHILATION AT BELLE.** By K. Hasuko, M. Grosse Perdekamp, A. Ogawa, J.S. Lange, V. Siegle (RIKEN BNL & Wako, RIKEN & Brookhaven & Frankfurt U.),. 2004. 4pp. Published in **AIP Conf. Proc. 698:628-631, 2004** Also in New York 2003, Intersections of particle and nuclear physics 628-631
130. **MID-RAPIDITY NEUTRAL PION PRODUCTION IN PROTON PROTON COLLISIONS AT  $S^{*}(1/2) = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Apr 2003. 6pp. Published in **Phys. Rev. Lett. 91:241803, 2003** e-Print Archive: **hep-ex/0304038**
131. **RHIC ACCELERATOR ADVANCES FOR SPIN.** By G. Bunce (RIKEN BNL),. 2003. Prepared for 3rd Circum-Pan-Pacific Symposium on High Energy Spin Physics (SPIN 2001), Beijing, China, 8-13 Oct 2001. Published in **Int. J. Mod. Phys. A18:1255-1261, 2003**
132. **PHENIX DETECTOR OVERVIEW.** By PHENIX Collaboration (K. Adcox *et al.*). 2003. 16pp. Published in **Nucl. Instrum. Meth. A499:469-479, 2003**
133. **CROSS-SECTIONS AND TRANSVERSE SINGLE SPIN ASYMMETRIES IN FORWARD NEUTRAL PION PRODUCTION FROM PROTON COLLISIONS AT  $S^{*}(1/2) = 200$ - GEV.** By STAR Collaboration (J. Adams *et al.*). NONUM-198439, Oct 2003. 6pp. Published in **Phys. Rev. Lett. 92:171801, 2004** e-Print Archive: **hep-ex/0310058**
134. **GLOBAL OBSERVABLES AT PHENIX.** By PHENIX Collaboration (Alexander Bazilevsky *for the collaboration*). Apr 2003. 5pp. To appear in the proceedings of 19th Winter Workshop on Nuclear Dynamics, Breckenridge, Colorado, 9-15 Feb 2003. Published in **Heavy Ion Phys. 21:101-105, 2004** e-Print Archive: **nucl-ex/0304015**
135. **PHENIX CALORIMETER.** By PHENIX Collaboration (L. Aphecetche *et al.*). 2003. 24pp. Published in **Nucl. Instrum. Meth. A499:521-536, 2003**
136. **MEASUREMENT OF THE POSITIVE MUON ANOMALOUS MAGNETIC MOMENT TO 0.7 PPM.** By Muon g-2 Collaboration (G.W. Bennett *et al.*). Aug 2002. 5pp. Published in **Phys. Rev. Lett. 89:101804, 2002, Erratum-ibid.89:129903, 2002** e-Print Archive: **hep-ex/0208001**

137. **THE SUPERCONDUCTING INFLECTOR FOR THE BNL G-2 EXPERIMENT.** A. Yamamoto *et al.*. 2002. Published in **Nucl. Instrum. Meth. A491:23-40, 2002**
138. **STAR DETECTOR OVERVIEW.** By STAR Collaboration (K.H. Ackermann *et al.*). Apr 2002. 13pp. Published in **Nucl. Instrum. Meth. A499:624-632, 2003**
139. **THE STAR ENDCAP ELECTROMAGNETIC CALORIMETER.** By STAR Collaboration (C.E. Allgower *et al.*). Mar 2002. 15pp. Published in **Nucl. Instrum. Meth. A499:740-750, 2003**
140. **THE COMPASS EXPERIMENT AT CERN.** By COMPASS Collaboration (A. Bravar *for the collaboration*). 2002. Prepared for 7th Conference on Intersections Between Particle and Nuclear Physics (CIPANP 2000), Quebec City, Quebec, Canada, 22-28 May 2000. Published in **AIP Conf. Proc. 549:681-684, 2002** Also in Quebec City 2000, Intersections of particle and nuclear physics 681-684
141. **HIGH-ENERGY BEAM TEST OF THE PHENIX LEAD SCINTILLATOR EM CALORIMETER.** T.C. Awes *et al.*. Feb 2002. 12pp. Submitted to Nucl. Instrum. Meth. A e-Print Archive: **nucl-ex/0202009**
142. **ANALYZING POWERS FOR FORWARD  $P(\text{UP}) + P \rightarrow \text{PI}0 + X$  AT STAR.** By STAR Collaboration (Greg Rakness for the collaboration). Nov 2002. 7pp. To appear in the proceedings of 15th International Spin Physics Symposium (SPIN 2002), Long Island, New York, 9-14 Sep 2002. Published in **AIP Conf. Proc. 675:400-406, 2003** Also in Upton/Danvers 2002, Spin physics 400-406 e-Print Archive: **hep-ex/0211068**
143. **PRECISION MEASUREMENT OF MUON G-2 AND ACCELERATOR RELATED ISSUES.** H.N. Brown *et al.*. Sep 2001. 5pp. Prepared for 2nd Asian Particle Accelerator Conference (APAC '01), Beijing, China, 17-21 Sep 2001. Published in Beijing 2001, 2nd Asian Particle Accelerator Conference 862-866
144. **PRECISE MEASUREMENT OF THE POSITIVE MUON ANOMALOUS MAGNETIC MOMENT.** By Muon g-2 Collaboration (H.N. Brown *et al.*). Feb 2001. 5pp. Press Release. Published in **Phys. Rev. Lett. 86:2227-2231, 2001** e-Print Archive: **hep-ex/0102017**
145. **THE BROOKHAVEN MUON STORAGE RING MAGNET.** G.T. Danby *et al.*. 2001. Published in **Nucl. Instrum. Meth. A457:151-174, 2001**
146. **ENERGY DEPENDENCE OF NUCLEAR TRANSPARENCY IN C(P, 2P) SCATTERING.** A. Leksanov *et al.*. Apr 2001. 4pp. Published in **Phys. Rev. Lett. 87:212301, 2001** e-Print Archive: **hep-ex/0104039**
147. **FIRST RESULTS FROM PHENIX AT RHIC.** By PHENIX Collaboration (A. Bazilevsky *for the collaboration*). May 2001. 5pp. To appear in the proceedings of 36th

Rencontres de Moriond on QCD and Hadronic Interactions, Les Arcs, France, 17-24 Mar 2001. e-Print Archive: [nucl-ex/0105017](#)

148. **A STUDY OF THE DELTA(I) = 1/2 RULE IN THE WEAK DECAY OF S-SHELL HYPERNUCLEI: BNL E931.** By BNL E931 Collaboration (R.L. Gill *for the collaboration*). 2001. Prepared for HYP2000: 7th International Conference on Hypernuclear and Strange Particle Physics, Torino, Italy, 23-27 Oct 2000. Published in **Nucl. Phys. A691:180-184, 2001**

### Other Publications

149. **PROTON - LAMBDA CORRELATIONS IN CENTRAL AU+AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2005. 8pp. e-Print Archive: [nucl-ex/0511003](#)
150. **JET STRUCTURE FROM DIHADRON CORRELATIONS IN D+AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Oct 2005. 30pp. Submitted to Phys. Rev. C e-Print Archive: [nucl-ex/0510021](#)
151. **NUCLEAR MODIFICATION OF ELECTRON SPECTRA AND IMPLICATIONS FOR HEAVY QUARK ENERGY LOSS IN AU+AU COLLISIONS AT S(NN)\*\*(1/2) - 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Oct 2005. 6pp. Published in **Phys. Rev. Lett. 96:032301, 2006** e-Print Archive: [nucl-ex/0510047](#)
152. **SINGLE ELECTRONS FROM HEAVY FLAVOR DECAYS IN P+P COLLISIONS AT S\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Aug 2005. 6pp. Published in **Phys. Rev. Lett. 96:032001, 2006** e-Print Archive: [hep-ex/0508034](#)
153. **MODIFICATIONS TO DI-JET HADRON PAIR CORRELATIONS IN AU+AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jul 2005. 6pp. Submitted to Phys. Rev. Lett. e-Print Archive: [nucl-ex/0507004](#)
154. **J/PSI PRODUCTION AND NUCLEAR EFFECTS FOR D+AU AND P+P COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jul 2005. 6pp. Published in **Phys. Rev. Lett. 96:012304, 2006** e-Print Archive: [nucl-ex/0507032](#)
155. **MID-RAPIDITY DIRECT-PHOTON PRODUCTION IN P+P COLLISIONS AT S\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Feb 2005. 7pp. Published in **Phys. Rev. D71:071102, 2005** e-Print Archive: [hep-ex/0502006](#)
156. **MEASUREMENT OF SINGLE ELECTRON EVENT ANISOTROPY IN AU+AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Feb 2005. 11pp. Published in **Phys. Rev. C72:024901, 2005** e-Print Archive: [nucl-ex/0502009](#)



157. **QUARKONIUM PRODUCTION FROM D + AU TO AU + AU COLLISIONS.** By PHENIX Collaboration (M. Rosati *et al.*). 2005. 6pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:173-178, 2005**
158. **HEAVY FLAVOR PRODUCTION IN PHENIX.** By PHENIX Collaboration (O. Drapier *et al.*). 2005. 8pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:201-208, 2005**
159. **DIFFERENTIAL PROBES OF MEDIUM-INDUCED ENERGY LOSS.** By PHENIX Collaboration (B.A. Cole *et al.*). 2005. 10pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:271-280, 2005**
160. **MEDIUM EFFECTS ON HIGH PARTICLE PRODUCTION MEASURED WITH THE PHENIX EXPERIMENT.** By PHENIX Collaboration (H. Busching *et al.*). 2005. 8pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:303-310, 2005**
161. **CAN PHI MESONS GIVE AN ANSWER TO THE BARYON PUZZLE AT RHIC?** By PHENIX Collaboration (J. Velkovska *et al.*). 2005. 6pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:317-322, 2005**
162. **LOW MASS DILEPTON PRODUCTION AT RHIC ENERGIES.** By PHENIX Collaboration (K. Ozawa *et al.*). 2005. 6pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:421-426, 2005**
163. **MULTIPLICITY AND PSEUDORAPIDITY DISTRIBUTIONS OF CHARGED PARTICLES AND PHOTONS AT FORWARD PSEUDORAPIDITY IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 62.4$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2005. 17pp. Published in **Phys. Rev. C73:034906, 2006** e-Print Archive: **nucl-ex/0511026**
164. **STRANGELET SEARCH AT RHIC.** By STAR Collaboration (J. Adams *et al.*). 11-27-05, Nov 2005. 6pp. Submitted to Phys. Rev. Lett. e-Print Archive: **nucl-ex/0511047**
165. **DIRECTED FLOW IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 62$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Oct 2005. 8pp. Published in **Phys. Rev. C73:034903, 2006** e-Print Archive: **nucl-ex/0510053**

166. **TRANSVERSE-MOMENTUM P(T) CORRELATIONS ON (ETA, PHI) FROM MEAN-P(T) FLUCTUATIONS IN AU-AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By STAR Collaboration (J. Adams *et al.*). Sep 2005. 7pp. e-Print Archive: **nucl-ex/0509030**
167. **MULTI-STRANGE BARYON ELLIPTIC FLOW IN AU + AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By STAR Collaboration (J. Adams *et al.*). Apr 2005. 6pp. Published in **Phys. Rev. Lett. 95:122301, 2005** e-Print Archive: **nucl-ex/0504022**
168. **INCIDENT ENERGY DEPENDENCE OF PT CORRELATIONS AT RHIC.** By STAR Collaboration (J. Adams *et al.*). Apr 2005. 6pp. Published in **Phys. Rev. C72:044902, 2005** e-Print Archive: **nucl-ex/0504031**
169. **MULTIPLICITY AND PSEUDORAPIDITY DISTRIBUTIONS OF PHOTONS IN AU + AU COLLISIONS AT S(NN)\*\*(1/2) = 62.4-GEV.** By STAR Collaboration (J. Adams *et al.*). Feb 2005. 6pp. Published in **Phys. Rev. Lett. 95:062301, 2005** e-Print Archive: **nucl-ex/0502008**
170. **EXPERIMENTAL AND THEORETICAL CHALLENGES IN THE SEARCH FOR THE QUARK GLUON PLASMA: THE STAR COLLABORATION'S CRITICAL ASSESSMENT OF THE EVIDENCE FROM RHIC COLLISIONS.** By STAR Collaboration (J. Adams *et al.*). Jan 2005. 99pp. Published in **Nucl. Phys. A757:102-183, 2005** e-Print Archive: **nucl-ex/0501009**
171. **DISTRIBUTIONS OF CHARGED HADRONS ASSOCIATED WITH HIGH TRANSVERSE MOMENTUM PARTICLES IN PP AND AU + AU COLLISIONS AT S(NN)\*\*(1/2) = 200-GEV.** By STAR Collaboration (J. Adams *et al.*). Jan 2005. 6pp. Data tables available at <http://www.star.bnl.gov/central/publications>. Published in **Phys. Rev. Lett. 95:152301, 2005** e-Print Archive: **nucl-ex/0501016**
172. **ANGULAR DISTRIBUTIONS OF ETA MESON PRODUCTION IN P P REACTIONS.** I. Frohlich *et al.*. 2005. 4pp. Published in **Int.J.Mod.Phys. A20:664-667, 2005**
173. **OPEN CHARM PRODUCTION FROM D + AU COLLISIONS IN STAR.** By STAR Collaboration (M. Calderon de la Barca Sanchez *et al.*). 2005. 6pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:187-192, 2005**
174. **CHARM PRODUCTION IN THE STAR EXPERIMENT AT RHIC.** By STAR Collaboration (A.A.P. Suaide *et al.*). 2005. 8pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:193-200, 2005**

175. **RECENT HIGH-P(T) RESULTS FROM STAR.** By STAR Collaboration (C.A. Gagliardi *et al.*). 2005. 8pp. Prepared for International Conference on Hard and Electromagnetic Probes of High Energy Nuclear Collisions (HP 2004), Ericeira, Portugal, 4-10 Nov 2004. Published in **Eur. Phys. J.C43:263-270, 2005**
176. **PROTON - LAMBDA CORRELATIONS IN CENTRAL AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2005. 8pp. e-Print Archive: **nucl-ex/0511003**
177. **MULTIPLICITY AND PSEUDORAPIDITY DISTRIBUTIONS OF CHARGED PARTICLES AND PHOTONS AT FORWARD PSEUDORAPIDITY IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 62.4$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2005. 17pp. Published in **Phys. Rev. C73:034906, 2006** e-Print Archive: **nucl-ex/0511026**
178. **MULTI-STRANGE BARYON ELLIPTIC FLOW IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Apr 2005. 6pp. Published in **Phys. Rev. Lett. 95:122301, 2005** e-Print Archive: **nucl-ex/0504022**
179. **CP-VIOLATING ASYMMETRIES IN  $B^0 \rightarrow \pi^+ \pi^-$  DECAYS WITH 275 MILLION  $B$  ANTI- $B$  PAIRS.** By Belle Collaboration (K. Abe *et al.*). BELLE-CONF-0501, Feb 2005. 13pp. Contributed to Aspen 2005 Winter Conference on Gravitational Waves: Benefits of Going Underground, Building a Viable Global Network, Aspen, Colorado, 16-22 Jan 2005. Published in **Phys. Rev. Lett. 95:101801, 2005** e-Print Archive: **hep-ex/0502035**
180. **SATURATION OF AZIMUTHAL ANISOTROPY IN AU + AU COLLISIONS AT  $S(NN)^{1/2} 62$ -GEV TO 200-GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Nov 2004. 7pp. Published in **Phys. Rev. Lett. 94:232302, 2005** e-Print Archive: **nucl-ex/0411040**
181. **NUCLEAR MODIFICATION FACTORS FOR HADRONS AT FORWARD AND BACKWARD RAPIDITIES IN DEUTERON-GOLD COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Nov 2004. 6pp. Published in **Phys. Rev. Lett. 94:082302, 2005** e-Print Archive: **nucl-ex/0411054**
182. **FORMATION OF DENSE PARTONIC MATTER IN RELATIVISTIC NUCLEUS-NUCLEUS COLLISIONS AT RHIC: EXPERIMENTAL EVALUATION BY THE PHENIX COLLABORATION.** By PHENIX Collaboration (K. Adcox *et al.*). Oct 2004. 127pp. Published in **Nucl. Phys. A757:184-283, 2005** e-Print Archive: **nucl-ex/0410003**
183. **PRODUCTION OF PHI MESONS AT MID-RAPIDITY IN  $S(NN)^{1/2} = 200$ -GEV AU+AU COLLISIONS AT RHIC.** By PHENIX Collaboration (S.S. Adler *et al.*). Oct 2004. 26pp. Published in **Phys. Rev. C72:014903, 2005** e-Print Archive: **nucl-ex/0410012**

184. **SYSTEMATIC STUDIES OF THE CENTRALITY AND  $S(NN)^{1/2}$  DEPENDENCE OF THE  $D E(T) / D \text{ETA}$  AND  $D(N(CH)) / D \text{ETA}$  IN HEAVY ION COLLISIONS AT MID-RAPIDITY.** By PHENIX Collaboration (S.S. Adler *et al.*). Sep 2004. 27pp. Published in **Phys. Rev. C71:034908, 2005, Erratum-ibid.C71:049901, 2005** e-Print Archive: **nucl-ex/0409015**
185. **CENTRALITY DEPENDENCE OF CHARM PRODUCTION FROM SINGLE ELECTRONS MEASUREMENT IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Sep 2004. 6pp. Published in **Phys. Rev. Lett. 94:082301, 2005** e-Print Archive: **nucl-ex/0409028**
186. **JET STRUCTURE OF BARYON EXCESS IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Aug 2004. 6pp. Published in **Phys. Rev. C71:051902, 2005** e-Print Archive: **nucl-ex/0408007**
187. **DEUTERON AND ANTIDEUTERON PRODUCTION IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jun 2004. 6pp. Published in **Phys. Rev. Lett. 94:122302, 2005** e-Print Archive: **nucl-ex/0406004**
188. **BOSE-EINSTEIN CORRELATIONS OF CHARGED PION PAIRS IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jan 2004. 6pp. Published in **Phys. Rev. Lett. 93:152302, 2004** e-Print Archive: **nucl-ex/0401003**
189. **K(892) RESONANCE PRODUCTION IN AU+AU AND P+P COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV AT STAR.** By STAR Collaboration (J. Adams *et al.*). Dec 2004. 16pp. Published in **Phys. Rev. C71:064902, 2005** e-Print Archive: **nucl-ex/0412019**
190. **MINIJET DEFORMATION AND CHARGE-INDEPENDENT TWO-PARTICLE CORRELATIONS ON MOMENTUM SUBSPACE ( $\text{ETA}$ ,  $\text{PHI}$ ) IN AU - AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2004. 6pp. e-Print Archive: **nucl-ex/0411003**
191. **PION INTERFEROMETRY IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2004. 25pp. Published in **Phys. Rev. C71:044906, 2005** e-Print Archive: **nucl-ex/0411036**
192. **AZIMUTHAL ANISOTROPY IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Sep 2004. 24pp. e-Print Archive: **nucl-ex/0409033**
193. **TRANSVERSE MOMENTUM CORRELATIONS AND MINIJET DISSIPATION IN AU-AU COLLISIONS AT  $S(NN)^{1/2}$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Aug 2004. 6pp. e-Print Archive: **nucl-ex/0408012**

194. **PSEUDORAPIDITY ASYMMETRY AND CENTRALITY DEPENDENCE OF CHARGED HADRON SPECTRA IN D + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Aug 2004. 7pp. Published in **Phys. Rev. C70:064907, 2004** e-Print Archive: **nucl-ex/0408016**
195. **TRANSVERSE-MOMENTUM DEPENDENT MODIFICATION OF DYNAMIC TEXTURE IN CENTRAL AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2004. 6pp. Published in **Phys. Rev. C71:031901, 2005** e-Print Archive: **nucl-ex/0407001**
196. **MEASUREMENTS OF TRANSVERSE ENERGY DISTRIBUTIONS IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2004. 15pp. Published in **Phys. Rev. C70:054907, 2004** e-Print Archive: **nucl-ex/0407003**
197. **OPEN CHARM YIELDS IN D + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2004. 7pp. Published in **Phys. Rev. Lett. 94:062301, 2005** e-Print Archive: **nucl-ex/0407006**
198. **AZIMUTHAL ANISOTROPY AND CORRELATIONS AT LARGE TRANSVERSE MOMENTA IN P+P AND AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2004. 6pp. Published in **Phys. Rev. Lett. 93:252301, 2004** e-Print Archive: **nucl-ex/0407007**
199. **PHI MESON PRODUCTION IN AU + AU AND P+P COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jun 2004. 6pp. Published in **Phys. Lett. B612:181-189, 2005** e-Print Archive: **nucl-ex/0406003**
200. **HADRONIZATION GEOMETRY AND CHARGE-DEPENDENT NUMBER AUTOCORRELATIONS ON AXIAL MOMENTUM SPACE IN AU-AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jun 2004. 6pp. Published in **Phys. Lett. B634:347-355, 2006** e-Print Archive: **nucl-ex/0406035**
201. **EXCLUSIVE ETA PRODUCTION IN PROTON-PROTON REACTIONS.** F. Balestra *et al.*. Jun 2004. 9pp. Published in **Phys. Rev. C69:064003, 2004**
202. **PRODUCTION OF E+ E- PAIRS ACCOMPANIED BY NUCLEAR DISSOCIATION IN ULTRA-PERIPHERAL HEAVY ION COLLISION.** By STAR Collaboration (J. Adams *et al.*). Apr 2004. 6pp. Published in **Phys. Rev. C70:031902, 2004** e-Print Archive: **nucl-ex/0404012**
203. **CENTRALITY AND PSEUDORAPIDITY DEPENDENCE OF CHARGED HADRON PRODUCTION AT INTERMEDIATE P(T) IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Apr 2004. 11pp. Published in **Phys. Rev. C70:044901, 2004** e-Print Archive: **nucl-ex/0404020**

204. **MEASUREMENT OF HE-4(N) AT 100-MEV AND 200-MEV: ANALYSIS WITH RECOIL CORRECTED CONTINUUM SHELL MODEL.** C.M. Riedel *et al.*. Feb 2004. 8pp. Published in **Phys. Rev. C69:024616, 2004**
205. **PHOTON AND NEUTRAL PION PRODUCTION IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jan 2004. 13pp. Published in **Phys. Rev. C70:044902, 2004** e-Print Archive: **nucl-ex/0401008**
206. **AN UPDATE FROM STAR - USING STRANGENESS TO PROBE RELATIVISTIC HEAVY ION COLLISIONS.** By STAR Collaboration (H. Caines *et al.*). 2004. Prepared for 7th International Conference on Strangeness in Quark Matter (SQM 2003), Atlantic Beach, North Carolina, 12-17 Mar 2003. Published in **J. Phys. G30:S61-S73, 2004**
207. **MEASUREMENT OF NONRANDOM EVENT BY EVENT FLUCTUATIONS OF AVERAGE TRANSVERSE MOMENTUM IN  $S(NN)^{1/2} = 200$ -GEV AU+AU AND P+P COLLISIONS.** By PHENIX Collaboration (S.S. Adler *et al.*). Oct 2003. 6pp. Published in **Phys. Rev. Lett. 93:092301, 2004** e-Print Archive: **nucl-ex/0310005**
208. **HIGH P(T) CHARGED HADRON SUPPRESSION IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Aug 2003. 22pp. Published in **Phys. Rev. C69:034910, 2004** e-Print Archive: **nucl-ex/0308006**
209. **J / PSI PRODUCTION FROM PROTON PROTON COLLISIONS AT  $S^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jul 2003. 6pp. Published in **Phys. Rev. Lett. 92:051802, 2004** e-Print Archive: **hep-ex/0307019**
210. **SINGLE IDENTIFIED HADRON SPECTRA FROM  $S(NN)^{1/2} = 130$ -GEV AU+AU COLLISIONS.** By PHENIX Collaboration (K. Adcox *et al.*). Jul 2003. 69pp. Published in **Phys. Rev. C69:024904, 2004** e-Print Archive: **nucl-ex/0307010**
211. **IDENTIFIED CHARGED PARTICLE SPECTRA AND YIELDS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Jul 2003. 32pp. Published in **Phys. Rev. C69:034909, 2004** e-Print Archive: **nucl-ex/0307022**
212. **ABSENCE OF SUPPRESSION IN PARTICLE PRODUCTION AT LARGE TRANSVERSE MOMENTUM IN  $S(NN)^{1/2} = 200$ -GEV D + AU COLLISIONS.** By PHENIX Collaboration (S.S. Adler *et al.*). Jun 2003. 6pp. Published in **Phys. Rev. Lett. 91:072303, 2003** e-Print Archive: **nucl-ex/0306021**
213. **ELLIPTIC FLOW OF IDENTIFIED HADRONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). May 2003. 6pp. Published in **Phys. Rev. Lett. 91:182301, 2003** e-Print Archive: **nucl-ex/0305013**

214. **J / PSI PRODUCTION IN AU AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV AT THE RELATIVISTIC HEAVY ION COLLIDER.** By PHENIX Collaboration (S.S. Adler *et al.*). May 2003. 11pp. Published in **Phys. Rev. C69:014901, 2004** e-Print Archive: **nucl-ex/0305030**
215. **SCALING PROPERTIES OF PROTON AND ANTI-PROTON PRODUCTION IN  $S(NN)^{1/2} 200$ -GEV AU+AU COLLISIONS.** By PHENIX Collaboration (S.S. Adler *et al.*). May 2003. 6pp. Published in **Phys. Rev. Lett. 91:172301, 2003** e-Print Archive: **nucl-ex/0305036**
216. **SUPPRESSED  $\pi^0$  PRODUCTION AT LARGE TRANSVERSE MOMENTUM IN CENTRAL AU+ AU COLLISIONS AT  $S(NN)^{1/2} = 200$  GEV.** By PHENIX Collaboration (S.S. Adler *et al.*). Apr 2003. 6pp. Published in **Phys. Rev. Lett. 91:072301, 2003** e-Print Archive: **nucl-ex/0304022**
217. **HEAVY ION COLLISIONS AT COLLIDER ENERGIES: INSIGHTS FROM PHENIX.** By PHENIX Collaboration (A. Drees *et al.*). 2003. Prepared for International Conference on Physics and Astrophysics of Quark - Gluon Plasma (ICPAQGP 2001), Jaipur, India, 26-30 Nov 2001. Published in **Pramana 60:639-650, 2003**
218. **AZIMUTHALLY SENSITIVE HBT IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Dec 2003. 6pp. Published in **Phys. Rev. Lett. 93:012301, 2004** e-Print Archive: **nucl-ex/0312009**
219. **PRODUCTION OF CHARGED PIONS AND HADRONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Nov 2003. 18pp. e-Print Archive: **nucl-ex/0311017**
220. **IDENTIFIED PARTICLE DISTRIBUTIONS IN PP AND AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$  GEV.** By STAR Collaboration (J. Adams *et al.*). Oct 2003. 7pp. Published in **Phys. Rev. Lett. 92:112301, 2004** e-Print Archive: **nucl-ex/0310004**
221. **AZIMUTHAL ANISOTROPY AT RHIC: THE FIRST AND FOURTH HARMONICS.** By STAR Collaboration (J. Adams *et al.*). Oct 2003. 6pp. Published in **Phys. Rev. Lett. 92:062301, 2004** e-Print Archive: **nucl-ex/0310029**
222. **PION, KAON, PROTON AND ANTI-PROTON TRANSVERSE MOMENTUM DISTRIBUTIONS FROM P + P AND D + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Sep 2003. 6pp. Published in **Phys. Lett. B616:8-16, 2005** e-Print Archive: **nucl-ex/0309012**
223. **EVENT BY EVENT  $\langle P(T) \rangle$  FLUCTUATIONS IN AU - AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Aug 2003. 6pp. Published in **Phys. Rev. C71:064906, 2005** e-Print Archive: **nucl-ex/0308033**

224. **MULTIPLICITY FLUCTUATIONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2003. 9pp. Published in **Phys. Rev. C68:044905, 2003** e-Print Archive: **nucl-ex/0307007**
225. **RHO0 PRODUCTION AND POSSIBLE MODIFICATION IN AU+AU AND P+P COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2003. 6pp. Published in **Phys. Rev. Lett. 92:092301, 2004** e-Print Archive: **nucl-ex/0307023**
226. **MULTISTRANGE BARYON PRODUCTION IN AU-AU COLLISIONS AT  $S(NN)^{1/2} = 130$  GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2003. 6pp. Published in **Phys. Rev. Lett. 92:182301, 2004** e-Print Archive: **nucl-ex/0307024**
227. **PION KAON CORRELATIONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jul 2003. 6pp. Published in **Phys. Rev. Lett. 91:262302, 2003** e-Print Archive: **nucl-ex/0307025**
228. **PARTICLE TYPE DEPENDENCE OF AZIMUTHAL ANISOTROPY AND NUCLEAR MODIFICATION OF PARTICLE PRODUCTION IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jun 2003. 6pp. Published in **Phys. Rev. Lett. 92:052302, 2004** e-Print Archive: **nucl-ex/0306007**
229. **EVIDENCE FROM D + AU MEASUREMENTS FOR FINAL STATE SUPPRESSION OF HIGH P(T) HADRONS IN AU+AU COLLISIONS AT RHIC.** By STAR Collaboration (J. Adams *et al.*). Jun 2003. 6pp. Published in **Phys. Rev. Lett. 91:072304, 2003** e-Print Archive: **nucl-ex/0306024**
230. **THREE PION HBT CORRELATIONS IN RELATIVISTIC HEAVY ION COLLISIONS FROM THE STAR EXPERIMENT.** By STAR Collaboration (J. Adams *et al.*). Jun 2003. 6pp. Published in **Phys. Rev. Lett. 91:262301, 2003** e-Print Archive: **nucl-ex/0306028**
231. **RAPIDITY AND CENTRALITY DEPENDENCE OF PROTON AND ANTI-PROTON PRODUCTION FROM AU-197 + AU-197 COLLISIONS AT  $(S(NN))^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*). Jun 2003. 4pp. Published in **Phys. Rev. C70:041901, 2004** e-Print Archive: **nucl-ex/0306029**
232. **TRANSVERSE MOMENTUM AND COLLISION ENERGY DEPENDENCE OF HIGH P(T) HADRON SUPPRESSION IN AU+AU COLLISIONS AT ULTRARELATIVISTIC ENERGIES.** By STAR Collaboration (J. Adams *et al.*). May 2003. 6pp. Published in **Phys. Rev. Lett. 91:172302, 2003** e-Print Archive: **nucl-ex/0305015**
233. **NARROWING OF THE BALANCE FUNCTION WITH CENTRALITY IN AU + AU COLLISIONS AT  $(S(NN))^{1/2} = 130$ -GEV.** By STAR Collaboration (J. Adams *et al.*).



- Jan 2003. 6pp. Published in **Phys. Rev. Lett. 90:172301, 2003** e-Print Archive: **nucl-ex/0301014**
234. **VECTOR MESON PRODUCTION AT 3.67-GEV/C.** By DISTO Collaboration (M. Maggiora *et al.*). 2003. 4pp. Prepared for 16th International Conference on Particles and Nuclei (PANIC 02), Osaka, Japan, 30 Sep - 4 Oct 2002. Published in **Nucl. Phys. A721:613-616, 2003**
235. **EXPERIMENTAL STUDY OF THE C-12 (K-STOPPED PI0) B-12 REACTION.** M.W. Ahmed *et al.*. Dec 2003. 13pp. Published in **Phys. Rev. C68:064004, 2003**
236. **MASS MEASUREMENT OF Y-80 BY BETA - GAMMA COINCIDENCE SPECTROSCOPY.** C. J. Barton *et al.*. Mar 2003. 6pp. Published in **Phys. Rev. C67:034310, 2003**
237. **PHENIX MAGNET SYSTEM.** By PHENIX Collaboration (S.H. Aronson *et al.*). 2003. 14pp. Published in **Nucl. Instrum. Meth. A499:480-488, 2003**
238. **CENTRALITY DEPENDENCE OF THE HIGH P(T) CHARGED HADRON SUPPRESSION IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Jul 2002. 26pp. Published in **Phys. Lett. B561:82-92, 2003** e-Print Archive: **nucl-ex/0207009**
239. **FLOW MEASUREMENTS VIA TWO PARTICLE AZIMUTHAL CORRELATIONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Apr 2002. 6pp. Published in **Phys. Rev. Lett. 89:212301, 2002** e-Print Archive: **nucl-ex/0204005**
240. **NET CHARGE FLUCTUATIONS IN AU+AU INTERACTIONS AT  $S^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Mar 2002. 6pp. Published in **Phys. Rev. Lett. 89:082301, 2002** e-Print Archive: **nucl-ex/0203014**
241. **EVENT-BY-EVENT FLUCTUATIONS IN MEAN P(T) AND MEAN E(T) IN  $S(NN)^{1/2} = 130$ -GEV AU+AU COLLISIONS.** By PHENIX Collaboration (K. Adcox *et al.*). Mar 2002. 10pp. Published in **Phys. Rev. C66:024901, 2002** e-Print Archive: **nucl-ex/0203015**
242. **MEASUREMENT OF SINGLE ELECTRONS AND IMPLICATIONS FOR CHARM PRODUCTION IN AU+AU COLLISIONS AT  $S^{1/2}(NN) = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Feb 2002. 6pp. Published in **Phys. Rev. Lett. 88:192303, 2002** e-Print Archive: **nucl-ex/0202002**
243. **TRANSVERSE MASS DEPENDENCE OF TWO PION CORRELATIONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Jan 2002. 6pp. Published in **Phys. Rev. Lett. 88:192302, 2002** e-Print Archive: **nucl-ex/0201008**

244. **STRANGE ANTI-PARTICLE TO PARTICLE RATIOS AT MID-RAPIDITY IN  $S(NN)^{1/2} = 130$ -GEV AU+AU COLLISIONS.** By STAR Collaboration (J. Adams *et al.*). Nov 2002. 6pp. Published in **Phys. Lett. B567:167-174, 2003** e-Print Archive: **nucl-ex/0211024**
245. **DISAPPEARANCE OF BACK-TO-BACK HIGH P(T) HADRON CORRELATIONS IN CENTRAL AU+AU COLLISIONS AT  $S(NN)^{1/2} = 200$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Oct 2002. 6pp. Published in **Phys. Rev. Lett. 90:082302, 2003** e-Print Archive: **nucl-ex/0210033**
246. **RHO0 MESON PRODUCTION IN THE PP  $\rightarrow$  PP  $\pi^+$   $\pi^-$  REACTION AT 3.67-GEV/C.** By DISTO Collaboration (F. Balestra *et al.*). Sep 2002. 11pp. Published in **Phys. Rev. Lett. 89:092001, 2002** e-Print Archive: **hep-ex/0209004**
247. **ELLIPTIC FLOW FROM TWO AND FOUR PARTICLE CORRELATIONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Jun 2002. 19pp. Published in **Phys. Rev. C66:034904, 2002** e-Print Archive: **nucl-ex/0206001**
248. **COHERENT RHO0 PRODUCTION IN ULTRAPERIPHERAL HEAVY ION COLLISIONS.** By STAR Collaboration (C. Adler *et al.*). Jun 2002. 5pp. Published in **Phys. Rev. Lett. 89:272302, 2002** e-Print Archive: **nucl-ex/0206004**
249. **AZIMUTHAL ANISOTROPY AND CORRELATIONS IN THE HARD SCATTERING REGIME AT RHIC.** By STAR Collaboration (C. Adler *et al.*). LBNL-50518, Jun 2002. 6pp. Published in **Phys. Rev. Lett. 90:032301, 2003** e-Print Archive: **nucl-ex/0206006**
250. **MEASUREMENT OF THE LAMBDA AND ANTI-LAMBDA PARTICLES IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Apr 2002. 6pp. Published in **Phys. Rev. Lett. 89:092302, 2002** e-Print Archive: **nucl-ex/0204007**
251. **KAON PRODUCTION AND KAON TO PION RATIO IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Jun 2002. 6pp. Published in **Phys. Lett. B595:143-150, 2004** e-Print Archive: **nucl-ex/0206008**
252. **CENTRALITY DEPENDENCE OF HIGH P(T) HADRON SUPPRESSION IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Jun 2002. 5pp. Published in **Phys. Rev. Lett. 89:202301, 2002** e-Print Archive: **nucl-ex/0206011**
253. **AZIMUTHAL ANISOTROPY OF  $K_0(S)$  AND LAMBDA + ANTI-LAMBDA PRODUCTION AT MID-RAPIDITY FROM AU + AU COLLISIONS AT**

- S(NN)\*\*(1/2) = 130-GEV.** By STAR Collaboration (C. Adler *et al.*). May 2002. 6pp. Published in **Phys. Rev. Lett. 89:132301, 2002** e-Print Archive: **hep-ex/0205072**
254. **K\*(892)0 PRODUCTION IN RELATIVISTIC HEAVY ION COLLISIONS AT S(NN)\*\*(1/2) = 130-GEV.** By STAR Collaboration (C. Adler *et al.*). May 2002. 6pp. Published in **Phys. Rev. C66:061901, 2002** e-Print Archive: **nucl-ex/0205015**
255. **RHO0 MESON PRODUCTION IN THE P P REACTIONS WITH DISTO.** By DISTO Collaboration (P. Salabura *et al.*). May 2002. Prepared for Meson 2002: 7th International Workshop on Meson Production, Properties and Interaction, Cracow, Poland, 24-28 May 2002. Published in Krakow 2002, Production, properties and interaction of mesons 455-460
256. **THE STAR BARREL ELECTROMAGNETIC CALORIMETER.** By STAR Collaboration (M. Beddo *et al.*). Apr 2002. 5pp. Published in **Nucl. Instrum. Meth. A499:725-739, 2003**
257. **MIDRAPIDITY LAMBDA AND ANTI-LAMBDA PRODUCTION IN AU + AU COLLISIONS AT S(NN)\*\*(1/2) = 130-GEV.** By STAR Collaboration (C. Adler *et al.*). Mar 2002. 6pp. Published in **Phys. Rev. Lett. 89:092301, 2002** e-Print Archive: **nucl-ex/0203016**
258. **MIDRAPIDITY PHI PRODUCTION IN AU + AU COLLISIONS AT S N N = 130-GEV.** C. Adler *et al.*. Mar 2002. 5pp. Published in **Phys. Rev. C65:041901, 2002**
259. **RESULTS FROM THE STAR EXPERIMENT.** By STAR Collaboration (C. Adler *et al.*). 2002. Prepared for 15th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (QM2001), Stony Brook, New York, 15-20 Jan 2001. Published in **Nucl. Phys. A698:64-77, 2002**
260. **STRANGENESS IN AU + AU COLLISIONS AT S(NN)\*\*(1/2) = 130-GEV OBSERVED WITH THE STAR DETECTOR.** By STAR Collaboration (L.S. Barnby *et al.*). 2002. Prepared for 6th International Conference on Strange Quarks in Matter: 2001: A FlavorSpace Odyssey (SQM2001), Frankfurt, Germany, 24-29 Sep 2001. Published in **J. Phys. G28:1535-1542, 2002**
261. **N-P SHORT RANGE CORRELATIONS FROM (P, 2P + N) MEASUREMENTS.** A. Tang *et al.*. KSU-CNR-202-07, Jun 2002. 4pp. Published in **Phys. Rev. Lett. 90:042301, 2003** e-Print Archive: **nucl-ex/0206003**
262. **BACKWARD EMITTED HIGH-ENERGY NEUTRONS IN HARD REACTIONS OF P AND PI+ ON CARBON.** A. Malki *et al.*. 2002. Prepared for 7th Conference on Intersections Between Particle and Nuclear Physics (CIPANP 2000), Quebec City, Quebec, Canada, 22-28 May 2000. Published in **AIP Conf. Proc. 549:447-450, 2002** Also in Quebec City 2000, Intersections of particle and nuclear physics 447-450

263. **CHARGE PARTICLE MULTIPLICITY AND TRANSVERSE ENERGY MEASUREMENTS IN AU - AU COLLISIONS IN PHENIX AT RHIC.** By PHENIX Collaboration (A. Bazilevsky *for the collaboration*). Sep 2002. 4pp. Presented at 16th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions, Quark Matter 2002 (QM 2002), Nantes, France, 18-24 Jul 2002. Published in **Nucl. Phys. A715:486, 2003** e-Print Archive: **nucl-ex/0209025**
264. **EVENT RECONSTRUCTION IN THE PHENIX CENTRAL ARM SPECTROMETERS.** By PHENIX Collaboration (J.T. Mitchell *et al.*). BNL-68320, Jan 2002. 34pp. Published in **Nucl. Instrum. Meth. A482:491-512, 2002** e-Print Archive: **nucl-ex/0201013**
265. **STRUCTURE OF LOW LYING STATES IN BA-128 FROM GAMMA - GAMMA ANGULAR CORRELATIONS AND POLARIZATION MEASUREMENTS.** A. Wolf *et al.*. Aug 2002. 7pp. Published in **Phys. Rev. C66:024323, 2002**
266. **CENTRALITY DEPENDENCE OF  $\pi^+ / \pi^-$ ,  $K^+ / K^-$ , P AND ANTI-P PRODUCTION FROM  $S(NN)^{1/2} = 13$ -GEV AU+AU COLLISIONS AT RHIC.** By PHENIX Collaboration (K. Adcox *et al.*). Dec 2001. 6pp. Published in **Phys. Rev. Lett. 88:242301, 2002** e-Print Archive: **nucl-ex/0112006**
267. **TESTING CPT AND LORENTZ INVARIANCE WITH THE ANOMALOUS SPIN PRECESSION OF THE MUON.** By Muon g-2 Collaboration (M. Deile *et al.*). Oct 2001. 6pp. To appear in the proceedings of 2nd Meeting on CPT and Lorentz Symmetry (CPT 01), Bloomington, Indiana, 15-18 Aug 2001. e-Print Archive: **hep-ex/0110044**
268. **SUPPRESSION OF HADRONS WITH LARGE TRANSVERSE MOMENTUM IN CENTRAL AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By PHENIX Collaboration (K. Adcox *et al.*). Sep 2001. 6pp. Published in **Phys Rev Lett 88:022301, 2002** e-Print Archive: **nucl-ex/0109003**
269. **OVERVIEW OF PHENIX RESULTS FROM THE FIRST RHIC RUN.** By PHENIX Collaboration (W.A. Zajc *et al.*). Jun 2001. 15pp. To appear in the proceedings of 15th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (QM2001), Stony Brook, New York, 15-20 Jan 2001. Published in **Nucl. Phys. A698:39-53, 2002** e-Print Archive: **nucl-ex/0106001**
270. **MEASUREMENT OF THE MID-RAPIDITY TRANSVERSE ENERGY DISTRIBUTION FROM  $S(NN)^{1/2} = 130$ -GEV AU + AU COLLISIONS AT RHIC.** By PHENIX Collaboration (K. Adcox *et al.*). Apr 2001. 6pp. Published in **Phys. Rev. Lett. 87:052301, 2001** e-Print Archive: **nucl-ex/0104015**
271. **FIRST RESULTS FROM RHIC-PHENIX.** By PHENIX Collaboration (K. Adcox *et al.*). 2001. Prepared for International Symposium on Nuclear Physics (ISNP2K), Trombay, Mumbai, India, 18-22 Dec 2000. Published in **Pramana 57:355-369, 2001**

272. **RADIAL MAGNETIC FIELD MEASUREMENTS WITH A HALL PROBE DEVICE IN THE MUON (G-2) STORAGE RING MAGNET AT BNL.** S.I. Redin *et al.*. 2001. Published in **Nucl. Instrum. Meth. A473:260-268, 2001**
273. **MEASUREMENT OF INCLUSIVE ANTI-PROTONS FROM AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Oct 2001. 7pp. Published in **Phys. Rev. Lett. 87:262302, 2001** e-Print Archive: **nucl-ex/0110009**
274. **ANTI-DEUTERON AND ANTI-HE-3 PRODUCTION IN  $S(NN)^{1/2} = 130$ -GEV AU+AU COLLISIONS.** By STAR Collaboration (C. Adler *et al.*). Aug 2001. 6pp. Published in **Phys. Rev. Lett. 87:262301, 2001, Erratum-ibid.87:279902, 2001** e-Print Archive: **nucl-ex/0108022**
275. **IDENTIFIED PARTICLE ELLIPTIC FLOW IN AU + AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Jul 2001. 5pp. Published in **Phys. Rev. Lett. 87:182301, 2001** e-Print Archive: **nucl-ex/0107003**
276. **PION INTERFEROMETRY OF  $S(NN)^{1/2} = 130$ -GEV AU+AU COLLISIONS AT RHIC.** By STAR Collaboration (C. Adler *et al.*). Jul 2001. 6pp. Published in **Phys. Rev. Lett. 87:082301, 2001** e-Print Archive: **nucl-ex/0107008**
277. **MULTIPLICITY DISTRIBUTION AND SPECTRA OF NEGATIVELY CHARGED HADRONS IN AU+AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By STAR Collaboration (C. Adler *et al.*). Jun 2001. 6pp. Published in **Phys. Rev. Lett. 87:112303, 2001** e-Print Archive: **nucl-ex/0106004**
278. **MIDRAPIDITY ANTI-PROTON TO PROTON RATIO FROM AU + AU COLLISIONS AT  $S(NN)^{1/2} = 130$ -GEV.** By the STAR Collaboration (C. Adler *et al.*). Apr 2001. 6pp. Published in **Phys. Rev. Lett. 86:4778-4782, 2001, Erratum-ibid.90:119903, 2003** e-Print Archive: **nucl-ex/0104022**
279. **MESON PRODUCTION IN P P REACTIONS AT 2.85-GEV.** By DISTO Collaboration (W. Kuhn *et al.*). 2001. Prepared for 16th International Conference on Few-Body Problems in Physics (FB 16), Taipei, Taiwan, China, 6-10 Mar 2000. Published in **Nucl. Phys. A684:440-442, 2001**
280. **RESONANT AND NON RESONANT K- PRODUCTION IN P P REACTIONS AT 2.85-GEV.** J. Ritman *et al.*. 2001. Prepared for HYP2000: 7th International Conference on Hypernuclear and Strange Particle Physics, Torino, Italy, 23-27 Oct 2000. Published in **Nucl. Phys. A691:395-398, 2001**
281. **MASS MEASUREMENTS OF SE-70, SE-71, BR-72, AND BR-73.** B. E. Tomlin *et al.*. 2001. 7pp. Published in **Phys. Rev. C63:034314, 2001**
282. **THE CONSTRUCTION AND OPERATING CHARACTERISTICS OF A CATHODE STRIP CHAMBER SYSTEM DESIGNED TO MEASURE THE**

**REACTION VERTICES OF A STOPPING KAON BEAM.** M.W. Ahmed *et al.*. 2001.  
Published in **Nucl. Instrum. Meth. A469:95-105, 2001**