

1. **Charge-State Distributions after Radiative Capture of Helium Nuclei by a Carbon Beam.**  
J. Zylberberg, D. Hutcheon, L. Buchmann, J. Caggiano, W.R. Hannes, **A. Hussein**, E. O'Connor, D. Ottewell, J. Pearson, C. Ruiz, G. Ruprecht, M. Trinczek, C. Vockenhuber.  
Nuclear Instruments and Methods in Physics Research. **B254**, (2007) 17.
2. **Measurement of the  $E_{c.m.}=184$  keV Resonance Strength in  $^{26g}\text{Al}(p, \gamma)^{27}\text{Si}$ .**  
C. Ruiz, A. Parikh, J. Jos, L. Buchmann, J. A. Caggiano, A. A. Chen, J. A. Clark, H. Crawford, B. Davids, J. M. D'Auria, C. Davis, C. Deibel, L. Erikson, L. Fogarty, D. Frekers, U. Greife, **A. Hussein**, D. A. Hutcheon, M. Huyse, C. Jewett, A. M. Laird, R. Lewis, P. Mumby-Croft, A. Olin, D. F. Ottewell, C. V. Ouellet, P. Parker, J. Pearson, G. Ruprecht, M. Trinczek, C. Vockenhuber, and C. Wrede.  
Phys. Rev. Lett. **96**, (2006) 252501.
3. **Direct Measurement of the  $^{21}\text{Na}(p, \gamma)^{22}\text{Mg}$  Reaction: Resonance Strengths and Gamma-Gamma Analysis.**  
M. Trinczek, C. C. Jewett, J.M. D'Auria, S. Bishop, L. Buchmann, A. A. Chen, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, D. Hutcheon, J. Jos, A.M. Laird, M. Lamey, R. Lewis, A. Olin, D. Ottewell, P. Parker, M. M. Pavan, J. E. Pearson, J. Rogers, C. Ruiz and C. Wrede.  
Nuclear Physics **A758** (2005) 729.
4. **Commissioning the DRAGON facility at ISAC.**  
S. Engel, D. Hutcheon, S. Bishop, L. Buchmann, J. Caggiano, M.L. Chatterjee, A. A. Chen, J. D'Auria, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, C. C. Jewett, A. M. Laird, M. Lamey, W. Liu, A. Olin, D. Ottewell, J. Pearson, C. Ruiz, G. Ruprecht, M. Trinczek, C. Vockenhuber and C. Wrede.  
Nuclear Instruments and Methods in Physics Research. **A553** (2005) 491.
5. **Energy Loss around the Stopping Power Maximum of Ne, Mg, and Na ions in Hydrogen Gas.**  
U. Greife, S. Bishop, L. Buchmann, M. L. Chatterjee, A. A. Chen, J. M. D'Auria, S. Engel, D. Gigliotti, D. Hunter, D. A. Hutcheon, **A. Hussein**, C. C. Jewett, A. M. Laird, M. Lamey, W. Liu, A. Olin, D. Ottewell, J. Rogers and C. Wrede.  
Nuclear Instruments and Methods in Physics Research. **B217** (2004) 1.
6. **The  $^{21}\text{Na}(p, \gamma)^{22}\text{Mg}$  Reaction from  $E_{c.m.} = 200$  to 1103 keV in Novae and X-ray Bursts.**  
J. M. D'Auria, R. E. Azuma, S. Bishop, L. Buchmann, M. L. Chatterjee, A. A. Chen, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, D. Hutcheon, C. C. Jewett, J. Jos, J. D. King, A. M. Laird, M. Lamey, R. Lewis, W. Liu, A. Olin, D. Ottewell, P. Parker, J. Rogers, C. Ruiz, M. Trinczek, and C. Wrede.  
Physical Review **C69** (2004) 065803.
7. **The  $^{21}\text{Na}(p, \gamma)^{22}\text{Mg}$  Reaction and Oxygen-Neon Novae.**  
S. Bishop, R. E. Azuma, L. Buchmann, A. A. Chen, M. L. Chatterjee, J. M. D'Auria, S. Engel,

- D. Gigliotti, U. Greife, M. Hernanz, D. Hunter, **A. Hussein**, D. Hutcheon, C. Jewett, J. Jose, J. King, S. Kubono, A. M. Laird, M. Lamey, R. Lewis, W. Liu, S. Michimasa, A. Olin, D. Ottewell, P. D. Parker, J. G. Rogers, F. Strieder, and C. Wrede.  
Physical Review Letters, **90** (2003) 162501.
- 8. Charge State Studies of Low Energy Heavy Ions Passing Through Hydrogen and Helium Gas.**  
W. Liu, G. Imbriani, L. Buchmann, A. Chen, J.M. D’Auria, S. Engel, L. Gialanella, U. Greife, D. Hunter, **A. Hussein**, D.A. Hutcheon, A. Olin, D. Ottewell, D. Rogalla, J. Rogers, G. Roy, and F. Terrasi.  
Nuclear Instruments and Methods in Physics Research **A496** (2003) 198.
- 9. The DRAGON Facility for Nuclear Astrophysics at TRIUMF-ISAC.**  
D.A. Hutcheon, S. Bishop, L. Buchmann, M.L. Chatterjee, A.A. Chen, J.M. D’Auria, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, C. Jewett, N. Khan, A. Lamey, W. Liu, A. Olin, D. Ottewell, J.G. Rogers, G. Roy, H. Sprenger, and C. Wrede.  
Nuclear Physics **A718** (2003) 515.
- 10. Testing the ISAC Radioactive Ion Accelerator Beam Specifications Using the  $H(^{15}N, \alpha\gamma)^{12}C$  Reaction.**  
S. Engel, L. Buchmann, A. Chen, J. M. D’Auria, D. A. Hutcheon, C. S. Galovich, D. Gigliotti, U. Greif, D. Hunter, **A. Hussein**, C. C. Jewett, W. Liu, A. Olin, D. Ottewell and J. Rogers.  
Nuclear Instruments and Methods in Physics Research, **B204** (2003), 416.
- 11. Nuclear Astrophysics Studies at DRAGON: The  $^{21}Na(p, \gamma)^{22}Mg$  Reaction and Oxygen-Neon Novae.**  
S. Bishop, R.E. Azuma, A.A. Chen, M.L. Chatterjee, J.M. D’Auria, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, D. Hutcheon, C. Jewett, J.D. King, S. Kubono, M. Lamey, R. Lewis, W. Liu, S. Mitimasa, A. Olin, D. Ottewell, P. Parker, J.G. Rogers, and C. Wrede.  
Nuclear Physics, **A718** (2003) 263.
- 12. Results of  $^{21}Na + p$  Experiments at ISAC.**  
R.E. Azuma, S. Bishop, L. Buchmann, M.L. Chatterjee, A.A. Chen, J.M. D’Auria, T. Davinson, S. Engel, B.R. Fulton, D. Gigliotti, U. Greife, D. Groombridge, D. Hunter, **A. Hussein**, D. Hutcheon, C. Jewett, J.D. King, N. Khan, S. Kubono, A.M. Laird, M. Lamey, R. Lewis, L. Ling, W. Liu, S. Mitimasa, A.S. Murphy, A. Olin, D. Ottewell, P. Parker, J. Pearson, I. Roberts, A. Robinson, J.G. Rogers, G. Roy, C. Ruiz, F. Sarazin, A.C. Shotton, H. Sprenger, F. Strieder, P. Walden, P.J. Woods, and C. Wrede.  
Nuclear Physics, **A718** (2003) 119.
- 13. The DRAGON Facility for Nuclear Astrophysics at TRIUMF-ISAC: Design, Construction and Operation.**  
D. A. Hutcheon, S. Bishop, L. Buchmann, M. L. Chatterjee, A. A. Chen, J. M. D’Auri, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, C. C. Jewett, N. Khan, M. Lamey, A. M. Laird, W. Liu, A. Olin, D. Ottewell, J. G. Rogers, G. Roy, H. Sprenger, and C. Wrede.  
Nuclear Instruments and Methods in Physics Research, **A498** (2003) 190.
- 14. Measurement with DRAGON on Resonances in  $^{21}Na(p, \gamma)^{22}Mg$  Reaction with a Radioactive Ion Beam.**

- S. Engel, S. Bishop, L. Buchmann, , M.L. Chatterjee, A. Chen, J. M. D'Auria, D. Gigliotti, U. Greif, D. Hunter, **A. Hussein**, R. Lewis, W. Liu, A. Olin, D. Ottewell, P. Parker, J. Rogers, F. Strieder, and C. Wrede.  
Nuclear Physics, **A719** (2003) 107.
- 15. Nuclear Astrophysics at ISAC with DRAGON: Initial Studies.**  
A. Olin, S. Bishop, L. Buchmann, M. L. Chatterjee, A. Chen, J. M. D'Auria, S. Engel, D. Gigliott, U. Greife, D. Hunter, **Ahmed Hussein**, Dave Hutcheon, Cybele Jewett, Jim King, Shigeru Kubono, Michael Lamey, Alison M. Laird, Rachel Lewis, Wenjie Liu, Shinichiro Michimasa, Dave Ottewell, Peter Parker, Joel Rogers, Frank Strieder, Chris Wrede.  
Nuclear Physics, **A721** (2003) 1019.
- 16. Measurement of the  $^{21}\text{Na}(p, \gamma)^{22}\text{Mg}$  Reaction with the DRAGON Separator at TRIUMF-ISAC.**  
A.A. Chen, S. Bishop, L. Buchmann, M.L. Chatterjee, J.M. DAuria, S. Engel, D. Gigliotti, U. Greife, D. Hunter, **A. Hussein**, D.A. Hutcheon, C. Jewett, J. King, S. Kubono, A. Laird, M. Lamey, R. Lewis, W. Liu, S. Michimasa, A. Olin, D. Ottewell, P.D. Parker, J. Rogers, F. Strieder, M. Wiescher, and C. Wrede.  
Contribution to the "17th International Conference on the Application of Accelerators in Research and Industry". November 12-16, 2002. Denton Texas.
- 17. Calibration and Simulation of a Gamma Array for DRAGON at ISAC.**  
Dario Gigliotti, Joel Rogers, and **Ahmed Hussein**.  
Nuclear Instruments and Methods in Physics Research, **B204** (2003) 671.
- 18. A Double Sided silicon Strip Detector as a DRAGON End Detector.**  
Chris Wrede, **Ahmed Hussein**, Joel G. Rogers and John D'Auria.  
Nuclear Instruments and Methods in Physics Research, **B204** (2003) 619.
- 19. Astrophysics with a DRAGON at ISAC.** J.M. DAuria for the DRAGON collaboration.  
Nuclear Physics, **A701** (2002) 625c - 631c.
- 20. Generation of Monoenergetic Chlorine Ions and Their Use in the Study of Surfaces and Interfaces.**  
Recep Avci, M.M. Hindi, **A.H. Hussein**, R.L. Kozub, P. Miocinovic, and Lin Zhu.  
ICSOS-6 (Sixth International Conference on the Structure of Surfaces), Vancouver, BC. July 26 - 30, 1999.
- 21. Search for the Admixture of Heavy Neutrinos in the Recoil Spectra of  $^{37}\text{Ar}$  Decay.**  
M.M. Hindi, Recep Avci, **A.H. Hussein**, R.L. Kozub, P. Miocinovic, and Lin Zhu.  
Phys. Rev. **C58** (1998) 2512.
- 22. Towards a Resolution of the Neutron-Neutron Scattering Length  $a_{nn}$  Issue.**  
C.R. Howell, Q. Chen, T.S. Carman, **A. H. Hussein**, W.R. Gibbs, B.F. Gibson, G. Mertens, C.F. Moore, C. Moris, A. Obst, E. Pasyuk, C.D. Roper, F. Salinas, I. Slaus, S. Sterbenz, C.R. Whiteley, W. Tornow, R.L. Walter, M. Whitton.  
Physics Letters **B444** (1998) 252.

**23. Scattering Length Measurements from Radiative Pion Capture & Neutron-Deuteron Breakup.**

W. Tornow, T.S. Carman, Q. Chen, W.R. Gibbs, B.F. Gibson, D.E. Gonzalez Trotter, C.R. Howell, **A.H. Hussein**, G. Mertens, C.F. Moore, C. Morris, A. Obst, E. Pasyuk, C.D. Roper, F. Salinas, D. Schmidt, H.R. Setze, I. Slaus, S. Sterbenz, H. Tang, R.L. Waiter, C.R. Whiteley, H. Witala and Z. Zhou.

Nuclear Physics **A631** (1998) 421c-425c.

**24. Results of the LAMPF Neutron-Neutron Scattering Length Measurement.**

Q. Chen, C.R. Howell, C.D. Roper, F. Salinas, H.R. Setze, W. Tornow, R.L. Walter, E. Pasyuk, C. Moris, C. Obst, S. Sterbenz, M. Whitton, B.F. Gibson, T.S. Carman, I. Slaus, **A.H. Hussein**, C.F. Moore, C.R. Whiteley, and G. Mertens.

Bulletin of American Physics Society **42** (1997) 936.

**25. Measurement of  $^1\text{S}_0$  Neutron-Neutron Scattering Length Using the  $^2\text{H}(\pi^-, \text{nn}\gamma)$  Reaction: LAMPF E1286.**

C.R. Howell, Q. Chen, T.S. Carman, **A.H. Hussein**, G. Mertens, C.F. Moore, C. Moris, C. Obst, E. Pasyuk, C.D. Roper, F. Salinas, I. Slaus, S. Sterbenz, W. Tornow, R.L. Walter, C.R. Whiteley, and B.F. Gibson.

XV<sup>th</sup> International Conference on Few Body problems in Physics, Groningen, The Netherlands, 22-26 July, 1997, page 53.

**26. Implications of the Space-Star Anomaly in nd Breakup.**

C.R. Howell, H.R. Setze, W. Tornow, R.T. Braun, W. Glockle, **A. H. Hussein**, J.M. Lambert, G. Mertens, C.D. Roper, F. Salinas, I. Slaus, D.E. Gonzales Trotter, B. Vlahovic, R.L. Walter, H. Witala.

XV<sup>th</sup> International Conference on Few Body problems in Physics, Groningen, The Netherlands, 22-26 July, 1997, page 231.

**27. Pion-Nucleus Elastic Scattering on  $^{12}\text{C}$ ,  $^{40}\text{Ca}$ ,  $^{90}\text{Zr}$ , and  $^{208}\text{Pb}$  at 400 and 500 MeV.**

George Kahirmanis, George Burleson, C.M. Chen, B.C. Clark, Kalvir Dhuga, D.J. Ernst, J.A. Faucett, H.T. Fortune, S. Hama, **Ahmed Hussein**, M.F. Jiang, K.W. Johnson, L. Kurth, Scott Mathews, John McGill, R.L. Mercer, C. Fred Moore, Shaul Mordechai, Christopher L. Morris, John O'Donnell, Mike Snell, Mohini Rawool-Sullivan, L. Ray, Charles Whitley, and Allen Williams.

Physical Review **C55** (1997) 2533

**28. Verification of the Space-Star Anomaly in nd Breakup at 13.0 MeV.**

H.R. Setze, C.R. Howell, W. Tornow, R.T. Braun, W. Glokle, **A.H. Hussein**, J.M. Lambert, G. Mertens, C.D. Roper, F. Salinas, I. Slaus, D.E. Gonzales Trotter, B. Vlahovic, R.L. Walter, and H. Witala.

Physics Letters. **B388** (1996) 229.

**29. Probing the three-nucleon force using nucleon-deuteron breakup reactions.**

C. R. Howell, H. R. Setze, a, R. T. Braun, D. E. Gonzalez Trotter, **A. H. Hussein**, C. D. Roper, F. Salinas, I. Slaus, W. Tornow, B. Vlahovich, R. L. Walter, G. Mertens, J. M. Lambert and H. Witala.

Nuclear Instruments and Methods in Physics Research **B99** (1995) 316.

- 30. Update On The Analysis of LAMPF Experiment 1286: Measuring Neutron-Neutron Scattering Length and Effective Range Using the  ${}^2\text{H}(\pi^-, \text{nn})\gamma$  Reaction.**  
Ahmed H. Hussein, T. Scott Carman, C. Howell, W. Tornow, R. Walter, Qiankum Chen, Frank Salinas, Chris Roper, F.C.Khana, E. Korkmaz, G.C. Neilson, J.Soukup G. Edwards, M.K. Jones, C.F. Moore, Charles Whitley, Mohini Rawool-Sullivan, C.L. Morris, S.M. Sterbenz, G.F. de Teramond, Ivo Slaus, Eugene Pasyuk.  
A talk given at the American Physical Society's April 1995 Meeting.
- 31. Cross-Section Measurements of the Space-Star Configuration in n-D Breakup at 13.0 MeV.**  
H.R. Setze, C.R. Howell, D.E. Gonzales Trotter, **A.H. Hussein**, C.D. Roper, F. Salinas, I. Slaus, W. Tornow, B. Vlahovic, R.L. Walter, G. Mertens, J.M. Lambert and H. Witala.  
14<sup>th</sup> International Conference on Few Body Problems in Physics, Williamsburg, Virginia, May 26-31, 1994.
- 32. Search for an  $\eta$  bound state in pion double charge exchange on  ${}^{18}\text{O}$ .**  
J. D. Johnson, G. R. Burleson, C. Edwards, M. El-Ghossain, M. A. Espy, R. Garnett, **A. Hussein**, K. Johnson, C. F. Moore, C. L. Morris, J. M. O'Donnell, M. Palarczyk, M. Rawool-Sullivan, H. Ward, D. Watson, C. Whitley, and A. L. Williams.  
Phys. Rev. **C47**, (1993) 2571.
- 33.  ${}^4\text{He}(\pi, \pi' \text{p}){}^3\text{H}$  Reaction: Near  $\text{P}_{33}$   $\pi$ -Nucleon Resonance.**  
M.K. Jones, D. Denhard, S.K. Nanda, S.M. Sterbenz, C.L. Morris, M. Plum, J.D. Zumbro, **A.H. Hussein**, D.S. Oakley, M.J. Smithson, A.L. Williams, J. McDonald, M.A. Bryan, A.H. Fuentes, M. Lynker, D. Crockett, M.A. Manchuca, S. Mordechai and C. Fred Moore.  
Phys. Rev **C46** (1992) 52.
- 34.  ${}^4\text{He}(\pi, \pi' \text{p}){}^3\text{H}$ : Quasi Free and Resonance Scattering.**  
M.K. Jones, D. Denhard, S.K. Nanda, S.M. Sterbenz, C.L. Morris, M. Plum, J.D. Zumbro, **A.H. Hussein**, D.S. Oakley, M.J. Smithson, A.L. Williams, J. McDonald, M.A. Bryan, A.H. Fuentes, M. Lynker, D. Crockett, M.A. Manchuca, S. Mordechai and C. Fred Moore.  
Phys. Rev **C42** (1990) 807.
- 35. Angular Distribution of Cross Section and Analyzing Powers for the Reaction  $\text{pd} \rightarrow \text{t}\pi^+$  at 425, 450, 475 and 500 MeV.**  
R. Abegg, D.A. Hutcheon, C.A. Miller, J.M. Cameron, C.A. Davies, G.A. Moss, W.C. Olson, G. Roy, J. Uegaki, J. Arvieux, I.J. van Heerden and **A.H. Hussein**.  
Physics Letters. **B218** (1989) 436.
- 36. Yield of  $\text{L}_\alpha$ -X Rays From Light Element Matrix in Thick Target PIXE.**  
M. Khaliqzaman, S.T. Lam, T. Otsubo, **A.H. Hussein**, L.G. Stephens-Newsham.  
Nuclear Instruments and Methods in Physics Research **B36** (1989) 259.
- 37. Differential Cross Section and Analyzing Powers for the  $\text{pd} \rightarrow {}^3\text{He} \pi^0$  Reaction in the  $\Delta$  Resonance Region.**  
J.M. Cameron, P. Kitching, J. Passos, J. Thekkumthala, R. Abegg, D.A. Hutcheon, C.A. Miller, S.A. El-Bakr and **A.H. Hussein**.  
Nuclear Physics **A472** (1987) 718.

- 38. Cross Section and Analyzing Power for the Reaction  $p + {}^3\text{H} \rightarrow {}^4\text{He} + \gamma$  at  $E_p = 227, 300$  and  $375$  MeV.**  
J. Thekkumthala, J.M. Cameron, C.A. Davies, P. Kitching, J. Passos, J. Soukup, J. Uegaki, H.S. Wilson, R. Abegg, D.A. Hutcheon, C.A. Miller, A.W. Stetz and **A.H. Hussein**. Nuclear Physics **A455** (1986) 687.
- 39. Radiation Capture of Polarized Neutrons by Protons at Intermediate Energies.**  
R. Abegg, J.M. Cameron, J. Collot, G.W.R. Edwards, H.W. Fielding, G. Gaillard, M. Hugi, D.A. Hutcheon, P. Kitching, C.A. Miller, J. Passos, J. Soukup, F. Tervisidis, J. Uegaki, H.S. Wilson, N.E. Davidson, D. Ramsay, A.W. Stetz, M. Hindi, **A.H. Hussein** and I.J. van Heerden. Proceedings of the 6th International Symposium on Polarization Phenomena in Nuclear Physics. Osaka, Japan. August 26-30, 1985.
- 40. Polarized Proton Radiative Capture by Tritium at  $E_p = 300$  MeV.**  
J.M. Cameron, C.A. Davies, P. Kitching, J. Passos, J. Thekkumthala, J. Uegaki, H.S. Wilson, R. Abegg, D.A. Hutcheon, C.A. Miller, A.W. Stetz, **A.H. Hussein** and M. Abdelmonem. XI Europhysics Conference on Nuclear Physics with Electromagnetic Probes. Paris. 1985.
- 41. Neutron-Nucleus Scattering with 23 MeV Polarized Beam.**  
S.T. Lam, W.K. Dawson, S. El-Bakr, H.W. Fielding, P.W. Green, R.L. Helmer, I.J. van Heerden, **A.H. Hussein**, S.P. Kwan, G.C. Neilson, T. Otsubo, D.M. Sheppard, H.S. Sherif, and J. Soukup. Phys. Rev. **32C** (1985) 76.
- 42. Analyzing Powers in the  $np \rightarrow d\gamma$  Reaction at 185 and 270 MeV.**  
R. Abegg, J.M. Cameron, C.A. Davies, N.E. Davidson, G.W.R. Edwards, H.W. Fielding, G. Gaillard, M. Hindi, **A.H. Hussein**, D.A. Hutcheon, M. Hugi, P. Kitching, C.A. Miller, W.J. McDonald, D. Ramsay, Y.M. Shin, J. Soukup, N. Stevenson, J. Uegaki, I.J. van Heerden and H.S. Wilson.  
Bull. Am. Phys. Soc. **30** (1985) 697.
- 43. Comparison of the Reaction  $pd \rightarrow t\pi^+$  and  $pd \rightarrow {}^3\text{He} \pi^0$  at  $E_p = 350, 450$  and  $500$  MeV.**  
J.M. Cameron, R. Abegg, S. El-Bakr, **A.H. Hussein**, D.A. Hutcheon, P. Kitching, C.A. Miller, J. Passos, A.W. Stetz, J. Thekkumthala, and I.J. van Heerden.  
Tenth International Conference on Particles and Nuclei (PANIC). Heidelberg. July 30 to August 3, 1984.
- 44.  $p + d \rightarrow {}^3\text{He} + \pi^0$  at Intermediate Energies.**  
R. Abegg, D.A. Hutcheon, J. Arvieux, J.M. Cameron, C.A. Davies, **A.H. Hussein**, G.A. Moss, W.C. Olson, G. Roy, J. Uegaki, and I.J. van Heerden.  
Proceedings of the Tenth International Conference on Few Body Problems in Physics. Karlsruhe, Germany. August 21 to 27, 1983, ed B. Zeitnitz, Vol 2 p 255.
- 45. Neutron-Nucleus Scattering Using a Polarized Beam.**  
S.T. Lam, W.K. Dawson, S. El-Bakr, H.W. Fielding, P.W. Green, R.L. Helmer, I.J. van Heerden, **A.H. Hussein**, S.P. Kwan, G.C. Neilson, T. Otsubo, D.M. Sheppard, H.S. Sherif, and J. Soukup. Proceedings of the International Conference on the Neutron and its Application, Cambridge, England. September 13 to 17, 1982.

- 46. Multiple Scattering Corrections for Polarized Neutron Elastic Scattering Data.**  
**A.H. Hussein**  
Bull. Am. Phys. Soc. **27** (1982) 675.
- 47. Asymmetry Measurements for Elastically Scattered 23 MeV Neutrons from Pb, Co and O.**  
H.W. Fielding, S. El-Bakr, R.L. Helmer, I.J. van Heerden, **A.H. Hussein**, S.P. Kwan, S.T. Lam, G.C. Neilson, T. Otsubo and J. Soukup.  
Bull. Am. Phys. Soc. **27** (1982) 542.
- 48.  $^2\text{H}(n, nn)$  Reaction at 21.5 MeV.**  
J. Soukup, J.M. Cameron, H.W. Fielding, **A.H. Hussein**, S.T. Lam, and G.C. Neilson.  
Nuclear Physics **A322** (1979) 109.
- 49. A Study of the n-n Quasi-Free Scattering in the D(n,2n)p Experiment.**  
J. Soukup, J.M. Cameron, H.W. Fielding, **A.H. Hussein**, S.T. Lam, and G.C. Neilson.  
Bull. Am. Phys. Soc. **22** (1977) 531.
- 50. Scattering of 10.4 MeV Neutrons from Bismuth and Lead between  $2^\circ$  and  $65^\circ$ .**  
**A.H. Hussein**, J.M. Cameron, S.T. Lam, G.C. Neilson, and J. Soukup.  
Phys. Rev. **15C** (1977) 233.
- 51. Polarization in the Elastic Scattering of 10 MeV Neutrons from Bismuth and Lead at Small Angles.**  
J.M. Cameron, **A.H. Hussein**, S.T. Lam, G.C. Neilson, J.T. Sample, H.S. Sherif, and J. Soukup.  
Proceedings of the Fourth International Symposium on Polarization Phenomena in Nuclear Reactions. Zurich, Switzerland. August 25 to 29, 1975.
- 52. Polarization of the Elastic scattering of 10 MeV Neutrons.**  
J.M. Cameron, **A.H. Hussein**, S.T. Lam, G.C. Neilson, J.T. Sample, H.S. Sherif and J. Soukup.  
Bull. Can. Assoc. Phys. **30** (1974) 28.
- 53. Spectroscopic Study of the  $^{32}\text{S}$  Nucleus through  $^{31}\text{P}(d, n)^{32}\text{S}$  Reaction.**  
**A.H. Hussein**, G.C. Neilson, W.J. McDonald and W.K. Dawson.  
Can. J. Phys. **52** (1974) 1288.
- 54. Spin-Spin Term of the Nucleon-Nucleus Optical Potential.**  
**A.H. Hussein** and H.S. Sherif.  
Phys. Rev. **8C** (1973) 518.
- 55. On the Spin-Spin Term of the Nucleon-Nucleus Optical Potential.** H.S. Sherif, and **A.H. Hussein**. Bull. Am. Phys. Soc. **17** (1972) 895.
- 56. Depolarization and the Tensor Part of the Spin-Spin Term of the Optical Potential.**  
H.S. Sherif and **A.H. Hussein**.  
Phys. Lett. **41B** (1972) 465.

## Internal Reports

1. **“DISPLAY”, A micro-Computer Based Data Acquisition and Display Program for Undergraduate Nuclear Physics Experiments.**

Munther M. Hindi, **A.H. Hussein** and Rashid Muhammad.

Department of Physics, University of Petroleum and Minerals Internal Report # UPM/Phys/4/84-85 (1984).

## APPENDIX C: REFERENCES

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