

**PUBLICATIONS**  
**ARTHUR B. McDONALD**

**Recent Presentations and Invited Talks**

**Colloquia (past 8 years) at:**

Alberta, Sussex, Oxford, Leeds, ICTP Trieste, Notre Dame, McGill, Acadia University, University of British Columbia, University of Hawaii, LIP Lisbon, University of Valencia, University of Chicago, Dalhousie University, Uppsala University, Michigan State University, Kansas State University, Oak Ridge National Laboratory, University of Montreal, University of Guelph, Perimeter Institute (Waterloo, Ontario), Joint Institute for Nuclear Research (Dubna, Russia), University of Milan, University of Heidelberg, University of Regina, Oxford University, Princeton University, Harvard University, Queen's University, Dalhousie University, California Institute of Technology, St. Mary's University, Columbia University, University of Waterloo, University of Indiana, McGill University, University of Alberta, CERN Laboratory in Geneva, University of Rochester, University of Toronto, Massachusetts Institute of Technology, Bartol Research Institute at University of Delaware, University of California at San Diego, Royal Military College, Case Western Reserve University, Brookhaven National Laboratory, University of Adelaide.

**Invited speaker (past 10 years) at:**

Neutrino Telescopes, Venice, Italy, 2011; E. Segre Lecture, Berkeley, 2010; Erice Workshop on Neutrino Physics, Erice, Italy, 2009; WIN09, Perugia, Italy, 2009; Royal Society, London, 2009; Neutrino Telescopes, Venice, Italy, 2009; Huggins Science Lecturer, Acadia University, 2008; Vancouver Institute, 2008; Canadian Association of Physicists, Quebec City, 2008; Canadian Embassy, Tokyo, 2008; Institute for the Physics and Mathematics of the Universe, Tokyo, 2008; Erich Vogt Fest, 2008; TRIUMF Laboratory, Vancouver, 2008; Donald R. Hamilton Lecturer, Princeton University, 2008; Astro2007 Conference, Faro, Portugal, 2007; Neutrino Telescopes, Venice, 2007; H.A. Bethe Memorial Symposium, Cornell University, 2006; SNOW2006, Stockholm, Sweden, 2006; Helmut Baer Lecturer, University of Michigan, 2006; D.A. Bromley Memorial Symposium, Yale, 2005; J.N Bahcall Memorial Symposium, IAS, Princeton, 2005; E.W. Guptill Lecturer at Dalhousie University, 2005; Topics in Astroparticle and Underground Physics (TAUP2005), Zaragosa, Spain; Manne Siegbhan Lecturer, Stockholm University, Sweden, 2005; Atlantic Provinces Undergraduate Physics Conference, Halifax, 2005; Nobel Symposium on Neutrino Physics, Stockholm, Sweden, 2004; COSMO04 conference, Toronto, 2004; International Nuclear Physics Conference, Goteborg, Sweden, 2004; Welsh Lecturer at University of Toronto, 2004; Basterfield Lecturer at the University of Regina, 2004; UK-Canada Rutherford Lecture of the Royal Society, 2003; Royal Astronomical Society, London, 2003; Royal Spanish Physical Society, Madrid, 2003; International Astronomical Union (2003), Sydney, Australia; American Physical Society, Washington, D.C., 2003; Neutrino Telescopes X (2003), Venice, Italy; Paliamo di Neutrini, Accademia dei Lincei (2003), Rome, Italy; Particles and Nuclei International Conference (PANIC2002), Osaka, Japan; Physics in Collision 2002, Stanford, California; ICFA2002 Conference, CERN, Geneva, Switzerland; MRST Conference in Theoretical Physics 2002, Perimeter Institute, Waterloo, Canada; European Physical Society High Energy Physics Conference 2001 in Budapest, Hungary; Conference on Neutrino Oscillations 2001, Venice, Italy; Conference on Theory, Astroparticle and Underground Physics 2001, Gran Sasso, Italy; American Physical Society Division of Nuclear Physics 2001, Hawaii; Neutrino 2000, Sudbury; Canadian Astronomical Society, Kingston; TEDCITY 2000, Toronto; Lake Louise Winter Institute on Particle Physics; Western Regional Nuclear Physics Conference, Banff; American Astronomical Society, Washington, D.C.; Canadian Undergraduate Physics Conferences at Queen's (also Dalhousie and University of Ottawa previously); Deep River Science Academy and the "Kingston 2000" Astrophysics Conference at the University of Toronto.

## List of Publications

- 1) COMBINED ANALYSIS OF ALL THREE PHASES OF SOLAR NEUTRINO DATA FROM THE SUDBURY NEUTRINO OBSERVATORY  
The SNO Collaboration (B. Aharmim et al) arXiv:1109.0763v1
  
- 2) MEASUREMENT OF THE  $\nu_e$  AND TOTAL  $^8\text{B}$  NEUTRINO FLUXES WITH THE SUDBURY NEUTRINO OBSERVATORY PHASE-III DATA SET  
B. Aharmim, S. N. Ahmed, J. F. Amsbaugh, J. M. Anaya, A. E. Anthony, J. Banar, N. Barros, E. W. Beier, A. Bellerive, B. Beltran, M. Bergevin, S. D. Biller, K. Boudjemline, M. G. Boulay, T. J. Bowles, M. C. Browne, T. V. Bullard, T. H. Burritt, B. Cai, Y. D. Chan, D. Chauhan, M. Chen, B. T. Cleveland, G. A. Cox, C. A. Currat, X. Dai, H. Deng, J. A. Detwiler, M. DiMarco, P. J. Doe, G. Doucas, M. R. Dragowsky, P.-L. Drouin, C. A. Duba, F. A. Duncan, M. Dunford, E. D. Earle, S. R. Elliott, H. C. Evans, G. T. Ewan, J. Farine, H. Fergani, F. Fleurot, R. J. Ford, J. A. Formaggio, M. M. Fowler, N. Gagnon, J. V. Germani, A. Goldschmidt, J. T. M. Goon, K. Graham, E. Guillian, S. Habib R. L. Hahn, A. L. Hallin, E. D. Hallman, A. A. Hamian, G. C. Harper, P. J. Harvey, R. Hazama, K. M. Heeger, W. J. Heintzelman, J. Heise, R. L. Helmer, R. Henning, A. Hime, C. Howard, M. A. Howe, M. Huang, P. Jagam, B. Jamieson, N. A. Jelley, K. J. Keeter, J. R. Klein, L. L. Kormos, M. Kos, A. Kruger, C. Kraus, C. B. Krauss, T. Kutter, C. C. M. Kyba, R. Lange, J. Law, I. T. Lawson, K. T. Lesko, J. R. Leslie, J. C. Loach, R. MacLellan, S. Majerus, H. B. Mak, J. Maneira, R. Martin, N. McCauley, A. B. McDonald, S. R. McGee, C. Mifflin G. G. Miller, M. L. Miller, B. Monreal, J. Monroe, B. Morissette, A. W. Myers, B. G. Nickel, A. J. Noble, H. M. O'Keefe, N. S. Oblath, R. W. Ollerhead, G. D. Orebi Gann, S. M. Oser, R. A. Ott, S. J. M. Peeters, A. W.P. Poon, G. Prior, S. D. Reitzner, K. Rielage, B. C. Robertson, R. G. H. Robertson, E. Rollin, M. H. Schwendener, J. A. Secrest, S. R. Seibert, O. Simard, J. J. Simpson, P. Skensved, M. W. E. Smith, T. J. Sonley, T. D. Steiger, L. C. Stonehill, G. Tesic P. M. Thornewell, N. Tolich, T. Tsui, C. D. Tunnell, T. Van Wechel, R. Van Berg, B. A. VanDevender, C. J. Virtue, B. L. Wall, D. Waller, H. Wan Chan Tseung, J. Wendland, N. West, J. B. Wilhelmy, J. F. Wilkerson, J. R. Wilson, J. M. Wouters, A. Wright, M. Yeh, F. Zhang, and K. Zuber, Submitted to Physical Review C, arXiv:1107.2901
  
- 3) LOW MULTIPLICITY BURST SEARCH AT THE SUDBURY NEUTRINO OBSERVATORY  
The SNO Collaboration (B. Aharmim et al), *Astrophys.J.*728:83, 2011.
  
- 4) SNO AND THE NEW SNOLAB  
A. B. McDonald, *Prog. Part. Nucl. Phys.* 64:196-198, 2010.
  
- 5) THE CALIBRATION OF THE SUDBURY NEUTRINO OBSERVATORY USING UNIFORMLY DISTRIBUTED SOURCES  
K. Boudjemline, B. Cai, B.T. Cleveland, H.C. Evans, G.T. Ewan, J. Farine, R.J. Ford, E. Guillian, A.L. Hallin, E.D. Hallman, C. Howard, P. Jagam, N.A. Jelley, K.J. Keeter, J.R. Klein, C. Kraus, C.B. Krauss, R. Lange, I.T. Lawson, J.C. Loach, A.B. McDonald, G. McGregor, A.J. Noble, H.M. O'Keefe, S.J.M. Peeters, A.W.P. Poon, S.D. Reitzner, K. Rielage, R.G.H. Robertson, V.L. Rusu, S.R. Seibert, P. Skensved, M.J. Thomson.  
*Nucl. Instrum. Meth.* A620:171-181, 2010.
  
- 6) LOW ENERGY THRESHOLD ANALYSIS OF THE PHASE I AND PHASE II DATA SETS OF THE SUDBURY NEUTRINO OBSERVATORY

B. Aharmim, S.N. Ahmed, A.E. Anthony, N. Barros, E.W. Beier, A. Bellerive, B. Beltran, M. Bergevin, S.D. Biller, K. Boudjemline, M.G. Boulay, T.H. Burritt, B. Cai, Y.D. Chan, D. Chauhan, M. Chen, B.T. Cleveland, G.A. Cox, X. Dai, H. Deng, J. Detwiler, M. DiMarco, P.J. Doe, G. Doucas, P.-L. Drouin, C. A. Duba, F.A. Duncan, M. Dunford, E. D. Earle, S.R. Elliott, H.C. Evans, G.T. Ewan, J. Farine, H. Fergani, F. Fleurot, R.J. Ford, J.A. Formaggio, N. Gagnon, J.T.M. Goon, E. Guillian, S. Habib, R.L. Hahn, A.L. Hallin, E.D. Hallman, P.J. Harvey, R. Hazama, W.J. Heintzelman, J. Heise, R.L. Helmer, A. Hime, C. Howard, M.A. Howe, M. Huang, B. Jamieson, N.A. Jelley, K. J. Keeter, J.R. Klein, L. L. Kormos, M. Kos, C. Kraus, C.B. Krauss, T. Kutter, C.C.M. Kyba, J. Law, I.T. Lawson, K.T. Lesko, J.R. Leslie, I. Levine, J.C. Loach, R. MacLellan, S. Majerus, H.B. Mak, J. Maneira, R. Martin, N. McCauley, A.B. McDonald, S. McGee, M.L. Miller, B. Monreal, J. Monroe, B. Morrisette, B. G. Nickel, A.J. Noble, H. M. O’Keeffe, N.S. Oblath, G.D. Orebi Gann, S.M. Oser, R.A. Ott, S.J.M. Peeters, A.W.P. Poon, G. Prior, D. Reitzner, K. Rielage, B.C. Robertson, R.G.H. Robertson, M.H. Schwendener, J.A. Secrest, S.R. Seibert, O. Simard, D. Sinclair, P. Skensved, M.W.E. Smith, T.J. Sonley, L.C. Stonehill, G. Tesic, N. Tolich, T. Tsui, C. D. Tunnell, R. Van Berg, B.A. VanDevender, C.J. Virtue, B. L. Wall, D. Waller, H. Wan Chan Tseung, D.L. Wark, N. West, J.F. Wilkerson, J.R. Wilson, J.M. Wouters, A. Wright, M. Yeh, F. Zhang and K. Zuber, Phys.Rev.C81:055504, 2010

7) THE SUDBURY NEUTRINO OBSERVATORY

N. Jelley, A. B. McDonald, R.G.H. Robertson, Ann.Rev.Nucl.Part.Sci.59:431-465, 2009.

8) MEASUREMENT OF THE COSMIC RAY AND NEUTRINO-INDUCED MUON FLUX AT THE SUDBURY NEUTRINO OBSERVATORY

B. Aharmim, S.N. Ahmed, T.C. Andersen, A.E. Anthony, N. Barros, E.W. Beier, A. Bellerive, B. Beltran, M. Bergevin, S.D. Biller, K. Boudjemline, M.G. Boulay, T.H. Burritt, B. Cai, Y.D. Chan, M. Chen, M.C. Chon, B.T. Cleveland, G.A. Cox-Mobrand, C.A. Currat, X. Dai, F. Dalnoki-Veress, H. Deng, J. Detwiler, P.J. Doe, R.S. Dosanjh, G. Doucas, P.-L. Drouin, F.A. Duncan, M. Dunford, S.R. Elliott, H.C. Evans, G.T. Ewan, J. Farine, H. Fergani, F. Fleurot, R.J. Ford, J.A. Formaggio, N. Gagnon, J.T.M. Goon, D.R. Grant, E. Guillian, S. Habib, R.L. Hahn, A.L. Hallin, E.D. Hallman, C.K. Hargrove, P.J. Harvey, R. Hazama, K.M. Heeger, W.J. Heintzelman, J. Heise, R.L. Helmer, R.J. Hemingway, R. Henning, A. Hime, C. Howard, M.A. Howe, M. Huang, B. Jamieson, N.A. Jelley, J.R. Klein, M. Kos, A. Kruger, C. Kraus, C.B. Krauss, T. Kutter, C.C.M. Kyba, R. Lange, J. Law, I.T. Lawson, K.T. Lesko, J.R. Leslie, I. Levine, J.C. Loach, S. Luoma, R. MacLellan, S. Majerus, H.B. Mak, J. Maneira, A.D. Marino, R. Martin, N. McCauley, A.B. McDonald, S. McGee, C. Mifflin, M.L. Miller, B. Monreal, J. Monroe, A.J. Noble, N.S. Oblath, C.E. Okada, H.M. O’Keeffe, Y. Opachich, G.D. Orebi Gann, S.M. Oser, R.A. Ott, S.J.M. Peeters, A.W.P. Poon, G. Prior, K. Rielage, B.C. Robertson, R.G.H. Robertson, E. Rollin, M.H. Schwendener, J.A. Secrest, S.R. Seibert, O. Simard, J.J. Simpson, D. Sinclair, P. Skensved, M.W.E. Smith, T.J. Sonley, T.D. Steiger, L.C. Stonehill, N. Tagg, G. Tesic, N. Tolich, T. Tsui, R.G. Van de Water, B.A. VanDevender, C.J. Virtue, D. Waller, C.E. Waltham, H. Wan Chan Tseung, D.L. Wark, P. Watson, J. Wendland, N. West, J.F. Wilkerson, J.R. Wilson, J.M. Wouters, A. Wright, M. Yeh, F. Zhang and K. Zuber Phys.Rev.D80:012001, 2009.

9) AN INDEPENDENT MEASUREMENT OF THE TOTAL ACTIVE  $^8\text{B}$  SOLAR NEUTRINO FLUX USING AN ARRAY OF  $^3\text{He}$  PROPORTIONAL COUNTERS AT THE SUDBURY NEUTRINO OBSERVATORY

B. Aharmim, S.N. Ahmed, J.F. Amsbaugh, A.E. Anthony, J. Banar, N. Barros, E.W. Beier, A. Bellerive, B. Beltran, M. Bergevin, S.D. Biller, K. Boudjemline, M.G. Boulay, T.J. Bowles, M.C. Browne, T.V. Bullard, T.H. Burritt, B. Cai, Y.D. Chan, D. Chauhan, M. Chen, B.T. Cleveland, G.A. Cox-Mobrand, C.A. Currat, X. Dai, H. Deng, J. Detwiler, M. DiMarco, P.J. Doe, G. Doucas, P.-L. Drouin, C.A. Duba, F.A. Duncan, M. Dunford, E.D. Earle, S.R. Elliott, H.C. Evans, G.T. Ewan, J.

Farine, H. Fergani, F. Fleurot, R.J. Ford, J.A. Formaggio, M.M. Fowler, N. Gagnon, J.V. Germani, A. Goldschmidt, J.T.M. Goon, K. Graham, E. Guillian, S. Habib, R.L. Hahn, A.L. Hallin, E.D. Hallman, A.A. Hamian, G.C. Harper, P.J. Harvey, R. Hazama, K.M. Heeger, W.J. Heintzelman, J. Heise, R.L. Helmer, R. Henning, A. Hime, C. Howard, M.A. Howe, M. Huang, P. Jagam, B. Jamieson, N.A. Jelley, K.J. Keeter, J.R. Klein, L.L. Kormos, M. Kos, A. Kruger, C. Kraus, C.B. Krauss, T. Kutter, C.C.M. Kyba, R. Lange, J. Law, I.T. Lawson, K.T. Lesko, J.R. Leslie, J.C. Loach, R. MacLellan, S. Majerus, H.B. Mak, J. Maneira, R. Martin, K. McBryde, N. McCauley, A.B. McDonald, S. McGee, C. Mifflin, G.G. Miller, M.L. Miller, B. Monreal, J. Monroe, B. Morissette, A. Myers, B.G. Nickel, A.J. Noble, N.S. Oblath, H.M. O'Keefe, R.W. Ollerhead, G.D. Orebi Gann, S.M. Oser, R.A. Ott, S.J.M. Peeters, A.W.P. Poon, G. Prior, S.D. Reitzner, K. Rielage, B.C. Robertson, R.G.H. Robertson, E. Rollin, M.H. Schwendener, J.A. Secrest, S.R. Seibert, O. Simard, J.J. Simpson, L. Sinclair, P. Skensved, M.W.E. Smith, T.D. Steiger, L.C. Stonehill, G. Tev{s}iV{c}, P.M. Thornewell, N. Tolich, T. Tsui, C.D. Tunnell, T. Van Wechel, R. Van Berg, B.A. VanDevender, C.J. Virtue, T.J. Walker, B.L. Wall, D. Waller, H. Wan Chan Tseung, J. Wendland, N. West, J.B. Wilhelmy, J.F. Wilkerson, J.R. Wilson, J.M. Wouters, A. Wright, M. Yeh, F. Zhang, K. Zuber, arxiv:0806.0989, Phys. Rev. Lett. 101, 111301 (2008).

#### 10) THE SNO+ EXPERIMENT

SNO+ Collaboration (Mark C. Chen for the collaboration).

34th International Conference on High Energy Physics (ICHEP 2008), Philadelphia, Pennsylvania, arXiv:0810.3694 [hep-ex]

#### 11) A SEARCH FOR NEUTRINOS FROM THE SOLAR HEP REACTION AND THE DIFFUSE SUPERNOVA BACKGROUND WITH THE SUDBURY NEUTRINO OBSERVATORY.

B. Aharmim, S.N. Ahmed, A.E. Anthony, E.W. Beier, A. Bellerive, M. Bergevin, S.D. Biller, M.G. Boulay, Y.D. Chan, M. Chen, X. Chen, B.T. Cleveland, G.A. Cox, C.A. Currat, X. Dai, F. Dalnoki-Veress, H. Deng, J. Detwiler, M. DiMarco, P.J. Doe, G. Doucas, P.-L. Drouin, F.A. Duncan, M. Dunford, J.A. Dunmore, E.D. Earle, H.C. Evans, G.T. Ewan, J. Farine, H. Fergani, F. Fleurot, R.J. Ford, J.A. Formaggio, N. Gagnon, J.T.M. Goon, K. Graham, E. Guillian, R.L. Hahn, A.L. Hallin, E.D. Hallman, P.J. Harvey, R. Hazama, K.M. Heeger, W.J. Heintzelman, J. Heise, R.L. Helmer, R.J. Hemingway, R. Henning, A. Hime, C. Howard, M.A. Howe, M. Huang, P. Jagam, N.A. Jelley, J.R. Klein, L.L. Kormos, M. Kos, A. Kruger, C. Kraus, C.B. Krauss, T. Kutter, C.C.M. Kyba, H. Labranche, R. Lange, J. Law, I.T. Lawson, K.T. Lesko, J.R. Leslie, J.C. Loach, S. Luoma, R. MacLellan, S. Majerus, H.B. Mak, J. Maneira, A.D. Marino, R. Martin, N. McCauley, A.B. McDonald, S. McGee, C. Mifflin, K.K.S. Miknaitis, M.L. Miller, B. Monreal, B.G. Nickel, A.J. Noble, E.B. Norman, N.S. Oblath, C.E. Okada, H.M. O'Keefe, G.D. Orebi Gann, S.M. Oser, R. Ott, S.J.M. Peeters, A.W.P. Poon, G. Prior, K. Rielage, B.C. Robertson, R.G.H. Robertson, E. Rollin, M.H. Schwendener, J.A. Secrest, S.R. Seibert, O. Simard, C.J. Sims, D. Sinclair, P. Skensved, R.G. Stokstad, L.C. Stonehill, G. Tesic, N. Tolich, T. Tsui, R. Van Berg, R.G. Van de Water, B.A. VanDevender, C.J. Virtue, T.J. Walker, B.L. Wall, D. Waller, H. Wan Chan Tseung, D.L. Wark, J. Wendland, N. West, J.F. Wilkerson, J.R. Wilson, J.M. Wouters, A. Wright, M. Yeh, F. Zhang, K. Zuber, Astrophysical Journal 653, 1545 (2006), nucl-ex/0607010 v2

#### 12) MEASUREMENT OF THE $\nu_e$ AND TOTAL $^8\text{B}$ SOLAR NEUTRINO FLUXES WITH THE SUDBURY NEUTRINO OBSERVATORY PHASE 1 DATA SET

B. Aharmim, Q.R. Ahmad, S.N. Ahmed, R.C. Allen, T.C. Andersen, J.D. Anglin, G. Buhler, J.C. Barton, E.W. Beier, M. Bercovitch, M. Bergevin, J. Bigu, S.D. Biller, R.A. Black, I. Blevis, R.J. Boardman, J. Boger, E. Bonvin, M.G. Boulay, M.G. Bowler, T.J. Bowles, S.J. Brice, M.C. Browne, T.V. Bullard, T.H. Burritt, J. Cameron, Y.D. Chan, H.H. Chen, M. Chen, X. Chen, B.T. Cleveland, J.H.M. Cowan, D.F. Cowen, G.A. Cox, C.A. Currat, X. Dai, F. Dalnoki-Veress, W.F. Davidson, H.

Deng, M. DiMarco, P.J. Doe, G. Doucas, M.R. Dragowsky, C.A. Duba, F.A. Duncan, M. Dunford, J.A. Dunmore, E.D. Earle, S.R. Elliott, H.C. Evans, G.T. Ewan, J. Farine, H. Fergani, A.P. Ferraris, F. Fleurot, R.J. Ford, J.A. Formaggio, M.M. Fowler, K. Frame, E.D. Frank, W. Frati, N. Gagnon, J.V. Germani, S. Gil, A. Goldschmidt, J.T. M. Goon, K. Graham, D.R. Grant, E. Guillian, R.L. Hahn, A.L. Hallin, E.D. Hallman, A.S. Hamer, A.A. Hamian, W.B. Handler, R.U. Haq, C.K. Hargrove, P.J. Harvey, R. Hazama, K.M. Heeger, W.J. Heintzelman, J. Heise, R.L. Helmer, R. Henning, J.D. Hepburn, H. Heron, J. Hewett, A. Hime, C. Howard, M.A. Howe, M. Huang, J.G. Hykawy, M.C.P. Isaac, P. Jagam, B. Jamieson, N.A. Jelley, C. Jillings, G. Jonkmans, K. Kazkaz, P.T. Keener, K. Kirch, J.R. Klein, A.B. Knox, R.J. Komar, L.L. Kormos, M. Kos, R. Kouzes, A. Kruger, C. Kraus, C.B. Krauss, T. Kutter, C.C.M. Kyba, H. Labranche, R. Lange, J. Law, I.T. Lawson, M. Lay, H.W. Lee, K.T. Lesko, J.R. Leslie, I. Levine, J.C. Loach, W. Locke, S. Luoma, J. Lyon, R. MacLellan, S. Majerus, H.B. Mak, J. Maneira, A.D. Marino, R. Martin, N. McCauley, A.B. McDonald, D.S. McDonald, K. McFarlane, S. McGee, G. McGregor, R. Meijer Drees, H. Mes, C. Mifflin, K.K.S. Miknaitis, M.L. Miller, G. Milton, B.A. Moffat, B. Monreal, M. Moorhead, B. Morrissette, C.W. Nally, M.S. Neubauer, F.M. Newcomer, H.S. Ng, B.G. Nickel, A.J. Noble, E.B. Norman, V.M. Novikov, N.S. Oblath, C.E. Okada, H.M. O’Keeffe, R.W. Ollerhead, M. Omori, J.L. Orrell, S.M. Oser, R. Ott, S.J.M. Peeters, A.W.P. Poon, G. Prior, S.D. Reitzner, K. Rielage, A. Roberge, B.C. Robertson, R.G.H. Robertson, S.S.E. Rosendahl, J.K. Rowley, V.L. Rusu, E. Saettler, A. Schulke, M.H. Schwendener, J.A. Secrest, H. Seifert, M. Shatkey, J.J. Simpson, C.J. Sims, D. Sinclair, P. Skensved, A.R. Smith, M.W.E. Smith, N. Starinsky, T.D. Steiger, R.G. Stokstad, L.C. Stonehill, R.S. Storey, B. Sur, R. Tafirout, N. Tagg, Y. Takeuchi, N.W. Tanner, R.K. Taplin, M. Thorman, P.M. Thornewell, N. Tolich, P.T. Trent, Y.I. Tserkovnyak, T. Tsui, C.D. Tunnell, R. Van Berg, R.G. Van de Water, C.J. Virtue, T.J. Walker, B.L. Wall, C.E. Waltham, H. Wan Chan Tseung, J.-X. Wang, D.L. Wark, J. Wendland, N. West, J.B. Wilhelmy, J.F. Wilkerson, J.R. Wilson, P. Wittich, J.M. Wouters, A. Wright, M. Yeh, and K. Zuber, *Physical Review C* 75, 045502 (2007), nucl-ex/0610020.

13) SNO AND THE NEW SNOLAB, A. B. McDonald, 12th International Workshop on Neutrinos Telescopes: Twenty Years after the Supernova 1987A Neutrino Bursts Discovery, Venice, Italy, 6-9 Mar 2007. Published in “Venice 2007, Neutrino telescopes” 617-625

14) NEUTRINO PHYSICS, Proceedings of Twelfth Annual Workshop on New Worlds in Astroparticle Physics, Faro, Portugal, September, 2007, to be published.

15) SOLAR NEUTRINOS, SNO AND SNOLAB, A. B. McDonald, Proceedings of the SNOW2006 conference, Stockholm, Sweden, May, 2006, *Physica Scripta*, T125 (2006) 1.

16) A SEARCH FOR PERIODICITIES IN THE  $^8\text{B}$  SOLAR NEUTRINO FLUX MEASURED BY THE SUDBURY NEUTRINO OBSERVATORY.

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