

PUBLICATIONS (123 refereed publications, 28 proceedings, 100+ BAPS abstracts)

123. Energy Dependence of Fission Product Yields from ^{235}U , ^{238}U and ^{239}Pu for Incident Neutron Energies Between 0.5 and 14.8 MeV, M.E.Gooden, C.W.Arnold, J.A.Becker, C.Bhatia, M.Bhike, E.M.Bond, T.A.Bredeweg, B.Fallin, M.M.Fowler, C.R.Howell, J.H.Kelley, Krishichayan, R.Macri, G.Rusev, C.Ryan, S.A.Sheets, M.A.Stoyer, A.P.Tonchev, W.Tornow, D.J.Vieira, J.B.Wilhelmy, Nucl.Data Sheets 131, 319 (2016)

122. The decay pattern of the Pygmy Dipole Resonance of ^{140}Ce , B.Loher, D.Savran, T.Aumann, J.Beller, M.Bhike, N.Cooper, V.Derya, M.Duchene, J.Endres, A.Hennig, P.Humby, J.Isaak, J.H.Kelley, M.Knorzer, N.Pietralla, V.Yu.Ponomarev, C.Romig, M.Scheck, H.Scheit, J.Silva, A.P.Tonchev, W.Tornow, F.Wamers, H.Weller, V.Werner, A.Zilges, Phys.Lett. B 756, 72 (2016)

121. Exploratory study of fission product yields of neutron-induced fission of U-235, U-238, and Pu-239 at 8.9 MeV, Bhatia, C., Fallin, B. F., Gooden, M. E., Howell, C. R., Kelley, J. H., Tornow, W., Arnold, C. W., Bond, E., Bredeweg, T. A., Fowler, M. M., Moody, W., Rundberg, R. S., Rusev, G. Y., Vieira, D. J., Wilhelmy, J. B., Becker, J. A., Macri, R., & Ryan, C. (2015).. Physical Review. C, Nuclear Physics, 91(6).

120. Separation of the $1(+)/1(-)$ parity doublet in Ne-20., Beller, J., Stumpf, C., Scheck, M., Pietralla, N., Deleanu, D., Filipescu, D. M., Glodariu, T., Haxton, W., Idini, A., Kelley, J. H., Kwan, E., Martinez-Pinedo, G., Raut, R., Romig, C., Roth, R., Rusev, G., Savran, D., Tonchev, A. P., Tornow, W., et al, e. (2015). Physics Letters. B, 741, 128-133.

119. Photoexcitation of the Stable Tl Isotopes Below the Neutron Separation Energy, N.Benouaret, J.Beller, J.Isaak, J.H.Kelley, H.Pai, N.Pietralla, V.Yu.Ponomarev, R.Raut, C.Romig, G.Rusev, D.Savran, M.Scheck, L.Schnorrenberger, K.Sonnabend, A.P.Tonchev, W.Tornow, H.R.Weller, M.Zweidinger
Acta Phys.Pol. B45, 193 (2014)

118. Fission Product Yield Study of ^{235}U , ^{238}U and ^{239}Pu Using Dual-Fission Ionization Chambers, C.Bhatia, B.Fallin, C.Howell, W.Tornow, M.Gooden, J.Kelley, C.Arnold, E.Bond, T.Bredeweg, M.Fowler, W.Moody, R.Rundberg, G.Rusev, D.Vieira, J.Wilhelmy, J.Becker, R.Macri, C.Ryan, S.Sheets, M.Stoyer, A.Tonchev
Nucl.Data Sheets 119, 324 (2014)

117. Isospin properties of electric dipole excitations in ^{48}Ca
V.Derya, D.Savran, J.Endres, M.N.Harakeh, H.Hergert, J.H.Kelley, P.Papakonstantinou, N.Pietralla, V.Yu.Ponomarev, R.Roth, G.Rusev, A.P.Tonchev, W.Tornow, H.J.Wortche, A.Zilges
Phys.Lett. B 730, 288 (2014)

116. Partial Cross Sections of Neutron-Induced Reactions on natCu at $E_n = 6, 8, 10, 12, 14,$ and 16 MeV for Ov $\beta\beta$ Background Studies, M.E.Gooden, B.A.Fallin, S.W.Finch, J.H.Kelley, C.R.Howell, G.Rusev, A.P.Tonchev, W.Tornow, V.Stanislaw
Nucl.Data Sheets 119, 121 (2014)
115. Nuclear Deformation and Neutron Excess as Competing Effects for Dipole Strength in the Pygmy Region, R.Massarczyk, R.Schwengner, F.Donau, S.Frauendorf, M.Anders, D.Bemmerer, R.Beyer, C.Bhatia, E.Birgersson, M.Butterling, Z.Elekes, A.Ferrari, M.E.Gooden, R.Hannaske, A.R.Junghans, M.Kempe, J.H.Kelley, T.Kogler, A.Matic, M.L.Menzel, S.Muller, T.P.Reinhardt, M.Roder, G.Rusev, K.D.Schilling, K.Schmidt, G.Schramm, A.P.Tonchev, W.Tornow, A.Wagner
Phys.Rev.Lett. 112, 072501 (2014)
114. Magnetic dipole strength in ^{128}Xe and ^{134}Xe in the spin-flip resonance region, R.Massarczyk, G.Rusev, R.Schwengner, F.Donau, C.Bhatia, M.E.Gooden, J.H.Kelley, A.P.Tonchev, W.Tornow
Phys.Rev. C 90, 054310 (2014)
113. Dipole response of ^{76}Se above 4 MeV
PM Goddard, N Cooper, V Werner, G Rusev, PD Stevenson, A Rios, C Bernards, A Chakraborty, BP Crider, J Glorius, RS Ilieva, JH Kelley, E Kwan, EE Peters, N Pietralla, R Raut, C Romig, D Savran, L Schnorrenberger, MK Smith, K Sonnabend, AP Tonchev, W Tornow, SW Yates
Phys Rev C 88 (2013) 064308
112. Low-lying dipole strength of the open-shell nucleus ^{94}Mo
C Romig, J Beller, J Glorius, J Isaak, JH Kelley, E Kwan, N Pietralla, V Yu Ponomarev, A Sauerwein, D Savran, M Scheck, L Schnorrenberger, K Sonnabend, AP Tonchev, W Tornow, HR Weller, A Zilges, M Zweidinger
Phys Rev C 88 (2013) 044331
111. Cross-Section Measurements of the $^{86}\text{Kr}(g,n)$ Reaction to Probe the s-Process Branching at ^{85}Kr , R. Raut, A. P. Tonchev, G. Rusev, W. Tornow, C. Iliadis, M. Lugaro, J. Buntain, S. Goriely, J. H. Kelley, R. Schwengner, A. Banu & N. Tsoneva, Phys. Rev. Lett. 111, 11250 (2013)
- 110 . The high-efficiency γ -ray spectroscopy setup γ_3 at HI γ S,
Bastian Löher, Vera Derya, Thomas Aumann, Jacob Beller, Nathan Cooper, Marc Duchene, Janis Endres, Enrico Fiori, Johann Isaak, John Kelley, Michael Knörzner, Norbert Pietralla, Christopher Romig, D Savran, M Scheck, H Scheit, J Silva, A Tonchev, W Tornow, H Weller, V Werner, A Zilges
Nucl. Instrum. And Meth.: A 723, 136 (2013)
- 109 Constraining photon strength functions by the decay properties of low-lying electric dipole strength, J Isaak, et al. (including J.H. Kelley).
Physics Letters B727 (2013), 361-365

108. Photoresponse of ^{60}Ni below 10-MeV excitation energy: Evolution of dipole resonances in fp-shell nuclei near $N=Z$, M Scheck, et al. (including J.H. Kelley) *Physical Review C* 88 (2013), 044304
107. Decay pattern of the pygmy dipole resonance in ^{60}Ni M Scheck, et al. (including J.H. Kelley) *Physical Review C* 87 (2013), 051304
106. Pygmy dipole strength in ^{86}Kr and systematics of $N=50$ isotones R Schwengner, et al. (including J.H. Kelley) *Phys Rev C* 87 (2013) 024306
105. Fine Structure of the Giant M1 Resonance in ^{90}Zr , G Rusev, N Tsoneva, F Dönau, S Frauendorf, R Schwengner, AP Tonchev, AS Adekola, SL Hammond, JH Kelley, E Kwan, H Lenske, W Tornow, A Wagner, *Phys. Rev. Lett.* 110, 022503 (2013)
104. Evidence for radiative coupling of the pygmy dipole resonance to excited states, C.T.Angell, S.L.Hammond, H.J.Karwowski, J.H.Kelley, M.Krticka, E.Kwan, A.Makinaga, G.Rusev, *Phys.Rev. C* 86, 051302 (2012).
103. Electromagnetic Dipole Strength of ^{136}Ba Below the Neutron Separation Energy, R. Massarczyk, R. Schwengner, F. Donau, E. Litvinova, G. Rusev, R. Beyer, R. Hannaske, A. R. Junghans, M. Kempe, J. H. Kelley et al., *Phys. Rev. C*, 86, 014319 (2012).
102. Searching for Illicit Materials Using Nuclear Resonance Fluorescence Stimulated by Narrow-band Photon Sources, M.S. Johnson, C.A. Hagmann, J.M. Hall, D.P. McNabb, **J.H. Kelley**, C. Huibregtse, E. Kwan, G. Rusev, A.P. Tonchev, *Nuclear Instruments and Methods B*285 (2012) 72.
101. *Energy levels of light nuclei $A=11$* **J.H.Kelley**, E.Kwan, J.E.Purcell, C.G.Sheu, H.R.Weller *Nucl.Phys. A*880, 88 (2012)
100. Photodisintegration Cross Section of the Reaction $^4\text{He}(\gamma, n) ^3\text{He}$ at the Giant Dipole Resonance Peak, W. Tornow, J. H. Kelley, R. Raut, G. Rusev, A. P. Tonchev, M.W. Ahmed, A. S. Crowell, S. C. Stave, *Phys. Rev. C*, 85, 061001 (2012).
99. *Photodisintegration Cross Section of the Reaction $^4\text{He}(\gamma, p) ^3\text{H}$ between 22 and 30 MeV*, R.Raut, W.Tornow, M.W.Ahmed, A.S.Crowell, **J.H.Kelley**, G.Rusev, S.C.Stave, A.P.Tonchev, *Phys.Rev.Lett.* 108, 042502 (2012).

98. *Dipole response of ^{238}U to polarized photons below the neutron separation energy*
S. L. Hammond, A. S. Adekola, C. T. Angell, H. J. Karwowski, E. Kwan, G. Rusev, A. P. Tonchev, W. Tornow, C. R. Howell, and **J. H. Kelley**,
Phys. Rev. C 85, 044302 (2012).
97. *Two-body photodisintegration of ^3He between 7 and 16 MeV*,
W. Tornow, H. J. Karwowski, **J. H. Kelley**, R. Raut, G. Rusev, S. C. Stave, A. P. Tonchev,
A. Deltuva, A. C. Fonseca, L. E. Marcucci, M. Viviani, A. Kievsky, J. Golak, R. Skibinski,
H. Witala, R. Schiavilla,
Phys. Lett. B 702, 121 (2011).
96. *Discrete deexcitations in ^{235}U below 3 MeV from nuclear resonance fluorescence*,
E. Kwan, G. Rusev, A. S. Adekola, F. Dönau, S. L. Hammond, C. R. Howell,
H. J. Karwowski, **J. H. Kelley**, R. S. Pedroni, R. Raut, A. P. Tonchev, and W. Tornow,
Phys. Rev. C 83, 041601(R) (2011)
95. *Cross-section measurements of neutron-induced reactions on GaAs using monoenergetic beams from 7.5 to 15 MeV*, R. Raut, A. S. Crowell, B. Fallin, C. R. Howell, C. Huibregtse, **J. H. Kelley**, T. Kawano, E. Kwan, G. Rusev, A. P. Tonchev, W. Tornow, D. J. Vieira, and J. B. Wilhelmy,
Phys. Rev. C **83**, 044621 (2011)
94. *Discovery of low-lying E1 and M1 strengths in ^{232}Th* ,
A. S. Adekola, C. T. Angell, S. L. Hammond, A. Hill, C. R. Howell, H. J. Karwowski,
J. H. Kelley, and E. Kwan,
Phys. Rev. C 83, 034615 (2011).
93. *Investigation of low-lying electric dipole strength in the semimagic nucleus ^{44}Ca*
J. Isaak, D. Savran, M. Fritzsche, D. Galaviz, T. Hartmann, S. Kamedzhiev,
J. H. Kelley, E. Kwan, N. Pietralla, C. Romig, G. Rusev, K. Sonnabend, A. P. Tonchev,
W. Tornow, and A. Zilges, Phys. Rev. C 83 34304 (2011)
92. *Energy levels of light nuclei $A=3$*
J. E. Purcell, **J. H. Kelley**, E. Kwan, C. G. Sheu, H. R. Weller
Nucl. Phys. A 848, 1 (2010)
91. *Measurement of the $^{241}\text{Am}(\gamma, n)^{240}\text{Am}$ reaction in the giant dipole resonance region*
A. P. Tonchev, S. L. Hammond, C. R. Howell, C. Huibregtse, A. Hutcheson, **J. H. Kelley**,
E. Kwan, R. Raut, G. Rusev, W. Tornow, T. Kawano, D. J. Vieira, J. B. Wilhelmy
Phys. Rev. C 82, 054620 (2010)
90. *Spectral Structure of the Pygmy Dipole Resonance*
A. P. Tonchev, S. L. Hammond, **J. H. Kelley**, E. Kwan, H. Lenske, G. Rusev, W. Tornow,
N. Tsoneva,
Phys. Rev. Lett. 104, 072501 (2010)

89. *Neutron-deuteron analyzing power data at 19.0 MeV*
G.J.Weisel, W.Tornow, B.J.Crowe III, A.S.Crowell, J.H.Esterline, C.R.Howell, J.H.Kelley, R.A.Macri, R.S.Pedroni, R.L.Walter, H.Witala
 Phys.Rev. C 81, 024003 (2010)
88. *Ratio of Germanium Detector Peak Efficiencies at Photon Energies of 4.4 and 11.7 MeV: Experiment Versus Simulation*, S. Carson, C. Iliadis, J. Cesaratto, A. Champagne, L. Downen, M. Ivanovic, **J. Kelley**, R. Longland, J. R. Newton, G. Rusev, and A. P. Tonchev,
 Nucl. Instrum. Methods A, **618**, 190, (2010).
87. *Transmission-based detection of nuclides with nuclear resonance fluorescence using a quasimonoenergetic photon source*, C. A. Hagmann, J. M. Hall, M. S. Johnson, D. P. McNabb, **J. H. Kelley**, C. Huibregtse, E. Kwan, G. Rusev, and A. P. Tonchev
 Journal of Applied Physics **106**, 084901 (2009)
86. *Cross sections for $^{238}\text{U}(n, n'\gamma)$ and $^{238}\text{U}(n, 2n\gamma)$ reactions at incident neutron energies between 5 and 14 MeV*, A.Hutcheson, C.Angell, J.A.Becker, A.S.Crowell, D.Dashdorj, B.Fallin, N.Fotiades, C.R.Howell, H.J.Karwowski, T.Kawano, **J.H.Kelley**, E.Kwan, R.A.Macri, R.O.Nelson, R.S.Pedroni, A.P.Tonchev, W.Tornow
 Phys.Rev. C 80, 014603 (2009).
85. *Experimental study of the low-lying structure of ^{94}Zr with the $(n, n'\gamma)$ reaction*
 E.Elhami, J.N.Orce, M.Scheck, S.Mukhopadhyay, S.N.Choudry, M.T.McEllistrem, S.W.Yates, C.Angell, M.Boswell, B.Fallin, C.R.Howell, A.Hutcheson, H.J.Karwowski, **J.H.Kelley**, Y.Parpottas, A.P.Tonchev, W.Tornow
 Phys.Rev. C 78, 064303 (2008)
84. *Measurement of the $^{241}\text{Am}(n, 2n)$ reaction cross section from 7.6 MeV to 14.5 MeV*
 A.P.Tonchev, C.T.Angell, M.Boswell, A.S.Crowell, B.Fallin, S.Hammond, C.R.Howell, A.Hutcheson, H.J.Karwowski, **J.H.Kelley**, R.S.Pedroni, W.Tornow, J.A.Becker, D.Dashdorj, J.Kenneally, R.A.Macri, M.A.Stoyer, C.Y.Wu, E.Bond, M.B.Chadwick, J.Fitzpatrick, T.Kawano, R.S.Rundberg, A.Slemmons, D.J.Vieira, J.B.Wilhelmy, Phys.Rev. C 77, 054610 (2008).
83. *Pulsed and Monoenergetic Beams for Neutron Cross-Section Measurements Using Activation and Scattering Techniques at Triangle Universities Nuclear Laboratory.* , A. Hutcheson, C. T. Angell, J. A. Becker, M. Boswell, A. S. Crowell, D. Dashdorj, B. Fallin, N. Fotiades, C. R. Howell, H. J. Karwowski, **J. H. Kelley**, M. Kiser, R. A. Macri, R. O. Nelson, R. S. Pedroni, A. P. Tonchev, W. Tornow, D. J. Vieira, G. J. Weisel, J. B. Wilhelmy. Nucl. Instrum. Methods **B261**, 369 (2007).
82. *Q^2 Dependence of the $S_{11}(1535)$ Photocoupling and Evidence for a P-wave Resonance in η Electroproduction*, H. Denizil *et al.*, (the CLAS collaboration including **J.H. Kelley**), Phys. Rev. C **76** (2007) 15204.

81. *Measurement of the relative longitudinal spin-dependent total cross-section difference in $n(\text{polarized}) - d(\text{polarized})$ scattering*, R.D. Foster, C.R. Gould, D.G. Haase, **J.H. Kelley**, D.M. Markoff and W. Tornow, Phys.Rev. C 73, 034002 (2006).

80. *Single π^+ Electroproduction on the Proton in the First and Second Resonance Regions at $0.25 \text{ GeV}^2 < Q^2 < 0.65 \text{ GeV}^2$ Using CLAS*
H. Egiyan *et al.* (the CLAS collaboration including **J.H. Kelley**), Phys. Rev. C 73 025204 (2006).

79. *Parity assignments in $^{172, 174}\text{Yb}$ using polarized photons and the K quantum number in rare earth nuclei*, D.Savran, S.Muller, A.Zilges, M.Babilon, M.W.Ahmed, **J. H. Kelley**, A.Tonchev, W.Tornow, H.R.Weller, N.Pietralla, J.Li, I.V.Pinayev, Y.K.Wu Phys.Rev. C 71, 034304 (2005)

78. *The High Intensity γ -ray Source (HIGS) and Recent Results*, A.P. Tonchev, M. Boswell, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, W. Tornow, Y.K. Wu, Nuclear Inst. and Meth. in Phys Res. B241 170 (2005).

77. *Exclusive Photoproduction of the Cascade Hyperons*, J. Price *et al.* (the CLAS collaboration including **J.H. Kelley**), Phys. Rev. C 71 058201 (2005).

76. *Exclusive ρ^0 Meson Electroproduction from Hydrogen at CLAS*, C. Hadjidakis *et al.* (the CLAS collaboration including **J.H. Kelley**), Phys. Lett B605 258 (2005)

75. *Survey of ALT' Asymmetries in Semi-Exclusive Electron Scattering on 4He and ^{12}C* , D. Protopopescu *et al.* (the CLAS collaboration including **J.H. Kelley**), Nucl. Phys. A748 357 (2005).

74. *Measurement of the polarized structure function sLT' for pion electroproduction in the Roper-resonance region*, K. Joo *et al.* (the CLAS collaboration including **J.H. Kelley**), Phys. Rev. C 72 058202 (2005).

73. *Energy dependence of the astrophysical S factor for the ${}^6\text{Li}(p, \gamma){}^7\text{Be}$ reaction*
R.M.Prior, M.C.Spraker, A.M.Amthor, K.J.Keeter, S.O.Nelson, A.Sabourov, K.Sabourov, A.Tonchev, M.Ahmed, **J. H. Kelley**, D.R.Tilley, H.R.Weller, H.M.Hofmann, Phys.Rev. C 70, 055801 (2004)

72. *Experimental and theoretical study of the $^2\text{H}(d(\text{pol}), \gamma)^4\text{He}$ reaction below $E_{c.m.}=60\text{keV}$* , K.Sabourov, M.W.Ahmed, R.S.Canon, B.Crowley, K.Joshi, **J. H. Kelley**, S.O.Nelson, B.A.Perdue, E.C.Schreiber, A.Sabourov, A.Tonchev, H.R.Weller, E.A.Wulf, R.M.Prior, M.C.Spraker, H.M.Hofmann, M.Trini, Phys.Rev. C 70, 064601 (2004)
71. *Energy levels of light nuclei $A = 8, 9, 10$*
D.R.Tilley, **J. H. Kelley**, J.L.Godwin, D.J.Millener, J.E.Purcell, C.G.Sheu, H.R.Weller, Nucl.Phys. A745, 155-362 (2004)
70. *Proton removal from ^8B , ^9C , and ^{12}C on Si at 20-70 MeV/nucleon*
R.E.Warner, F.D.Becchetti, J.A.Brown, A.Galonsky, **J. H. Kelley**, A.Nadasen, R.M.Ronningen, J.A.Tostevin, J.S.Winfield, P.Zecher, Phys.Rev. C 69, 024612 (2004)
69. *Observation of an exotic baryon with $S=+1$ in photoproduction from the proton*, V. Kubarovsky and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. Lett. 92, 032001 (2004)
68. *Tensor Polarization of the phi meson Photoproduced at High t*
K. McCormick and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. C 69, 032203 (2004)
67. *Two-Nucleon Momentum Distributions Measured in $^3\text{He}(e, e'pp)n$*
R. Niyazov and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. Lett. 92 (2004) 052303
66. *Hyperon Photoproduction in the Nucleon Resonance Region*
J. W. C. McNabb and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. C 69 (2004) 042201
65. *Measurement of Beam-Spin Asymmetries for $e(\text{pol})p \rightarrow e'+X$ in the Deeply Inelastic Regime*, H. Avakian and the CLAS Collaboration (including **J. H. Kelley**)
Phys.Rev. D69 (2004) 112004
64. *Measurement of the polarized structure function σ_{LT} for $p(\bar{e}, e^+\pi^+)n$ in the $\Delta(1232)$ resonance region*, K. Joo and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. C 70, 042201(R) (2004)
63. *Proton Source Size Measurements in the $eA \rightarrow e^+ppX$ Reaction*
A.V. Stavinsky and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. Lett. 93, 192301 (2004)
62. *Low-energy photodisintegration of the deuteron and Big-Bang Nucleosynthesis*
W. Tornow, N.G. Czakon, C.R. Howell, A. Hutchenson, **J. H. Kelley**, V.N. Litvenenko, S.F. Mikhailov, I.V. Pinayev, G.J. Weisel, H. Witala, Phys. Lett. B 574 (2003) 8

61. *The $^{10}\text{B}(p(\text{pol}), \text{gamma})^{11}\text{C}$ Reaction at astrophysically relevant energies*
A.P. Tonchev, S.O.Nelson, K.Sabourov, B.T. Crowley, K. Joshi, H.R.Weller, **J. H. Kelley**, R.M.Prior, M.Spraker, N. Kalantar-Nayestanaki,
Phys.Rev. C**68**, (2003) 45803
60. *Measurement of $ep \rightarrow e'p\pi^+\pi^-$ and Baryon Resonance Analysis*
M. Ripani and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett., **91** (2003) 22002
59. *First Measurement of Transferred Polarization in the Exclusive $e \rightarrow e'K^+ \Lambda$ Reaction*
D.S. Carman and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett., **90** (2003) 131804
58. *Photoproduction of the ω Meson on the Proton at Large Momentum Transfer*
M. Battaglieri and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett., **90** (2003) 22002
57. *Measurement of the Proton Spin Structure Function $g_1(x, Q^2)$ from Q^2 from 0.15 to 1.6 GeV^2 with CLAS*, R. Fatemi and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett., **91** (2003) 222002
56. *Measurement of the polarized structure function σ_{LT} for $p(e, e')\pi_0$ in the $\Delta(1232)$ region*, K. Joo and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. C **68** (2003) 32201
55. *$ep \rightarrow e'p\pi^0$ reaction studied in the $\Delta(1232)$ mass region using polarization asymmetries*, A. Biselli and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. C **68** (2003) 35202
54. *Observation of nuclear scaling in the $A(e, e')$ reaction at $x_B > 1$*
K.Sh. Egiyan, and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. C **68** (2003) 14313
53. *Measurement of inclusive spin structure functions of the deuteron*
J. Yun and the CLAS Collaboration (including **J. H. Kelley**)
Phys. Rev. C **67** (2003) 55204
52. *Kinematically complete measurement of the proton structure function F_2 in the resonance region and evaluation of its moments*, M. Osipenko and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. D **67** (2003) 92001
51. *$^3\text{H}(p(\text{pol}), \text{gamma})^4\text{He}$ Reaction below $E_p=80 \text{ keV}$*
R.S.Canon, S.O.Nelson, K.Sabourov, E.Wulf, H.R.Weller, R.M.Prior, M.Spraker, **J. H. Kelley**, D.R.Tilley, Phys.Rev. C**65**, 044008 (2002)

50. *Coupling effects in the elastic scattering of ${}^6\text{He}$ on ${}^{12}\text{C}$* ,
V.Lapoux, N.Alamanos, F.Auger, V.Fekou-Youmbi, A.Gillibert, F.Marie,
S.Ottini-Hustache, J.L.Sida, D.T.Khoa, Y.Blumenfeld, F.Marechal, J.-A.Scarpaci,
T.Suomijarvi, **J. H. Kelley**, J.-M.Casandjian, M. Chartier, M.-D.Cortina-Gil,
M.Mac Cormick, W.Mittig, F.de Oliveira Santos, A.N. Ostrowski, P.Roussel-Chomaz,
K.W. Kemper, N.Orr, and J.Winfield,
Phys. Rev. C **66**, (2002) 034608.
49. *Energy levels of Light Nuclei: $A=5-7$* ,
D.R. Tilley, C.M. Cheves, J.L. Godwin, G.M. Hale, H.M. Hofmann, **J. H. Kelley**,
C. G. Sheu and H. R. Weller,
Nucl. Phys. A **708** (2002) 3.
48. *Identification of the $J^{\pi}=1^-$ Two-Phonon State of ${}^{88}\text{Sr}$* ,
N.Pietralla, V.N.Litvinenko, S.Hartman, F.F.Mikhailov, I.V.Pinayev, G.Swift,
M.W.Ahmed, **J. H. Kelley**, S.O.Nelson, R.Prior, K.Sabourov, A.P.Tonchev, H.R.Weller
Phys.Rev. C **65**, (2002) 047305; Erratum Phys.Rev. C **65**, (2002) 069901.
47. *Parity Measurements of Nuclear Levels using a Free-Electron-Laser Generated γ -ray Beam*,
N. Pietralla, Z. Berant, V.N. Litvinenko, S. Hartman, F.F. Mikhailov, I.V. Pinayev,
G. Swift, M.W. Ahmed, **J. H. Kelley**, S.O. Nelson, R. Prior, K. Sabourov, A.P. Tonchev and H.R. Weller,
Phys. Rev. Letters **88** (2002) 012502-1.
46. *Q^2 Dependence of Quadrupole Strength in the $\gamma^*p \rightarrow \Delta^+(1232) \rightarrow p\pi^0$ Transition*,
K. Joo and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett. **88**, (2002) 122001.
45. *η Photoproduction on the Proton for Photon Energies from 0.75 to 1.95 GeV*
M. Dugger and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett, **89** 222002 (2002)
44. *First Measurement of the Double Spin Asymmetry in $\vec{e}\vec{p} \rightarrow e'\pi^+n$ in the Resonance Region*,
R. De Vita and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett., **88**, 082001 (2002)
43. *Ratio of S Factors for (p,γ) Reactions on ${}^{12}\text{C}$ and ${}^{13}\text{C}$ at Astrophysically Relevant Energies*,
C.D.Nesaraja, C.R.Brune, B.T.Crowley, **J. H. Kelley**, S.O.Nelson,
R.M.Prior, K.Sabourov, D.R.Tilley, A.Tonchev and H.R.Weller,
Phys.Rev. C **64**, (2001) 065804.
42. *Coupling effects in the elastic scattering of the exotic nucleus ${}^6\text{He}$ on protons*,
V. Lapoux, N. Alamanos, F.Auger, Y. Blumenfeld, J.-M. Casandjian,
M. Chartier, M.D.Cortina-Gil, V. Fékou-Youmbi, A. Gillibert, **J. H. Kelley**,
K.W. Kemper, M.MacCormick, F. Maréchal, F.Marie, W. Mittig,
F. de Oliveira Santos, N.A.Orr, A.Ostrowski, S. Ottini-Hustache,

P. Roussel-Chomaz, J.-A. Scarpaci, J.-L. Sida, T. Suomijärvi and J.S. Winfield,
Physics Letters B **517**, (2001) 18.

41. *Production of $A=6, 7$ Nuclides in the $\alpha + \alpha$ Reaction and Cosmic Ray Nucleosynthesis*, D.J.Mercer, S.M.Austin, J.A.Brown, S.A.Danczyk, S.E.Hirzebruch, **J. H. Kelley**, T.Suomijarvi, D.A.Roberts and T.P.Walker,
Phys.Rev. C**63**, (2001) 065805.

40. *Electroproduction of the Lambda(1520) Hyperon*,
S. Barrow and the CLAS Collaboration (including **J. H. Kelley**),
Physical Review C **64**, (2001) 044601.

39. *Photoproduction of Rho_0 Meson on the Proton at Large Momentum Transfer*,
M. Battaglieri and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett. **87**, (2001) 172002.

38. *Observation of Exclusive Deeply Virtual Compton Scattering in Polarized Electron Beam Asymmetry Measurements*,
S. Stepanyan and the CLAS Collaboration (including **J. H. Kelley**),
Phys. Rev. Lett. **87**, (2001) 182002.

37. *Exclusive Electroproduction of ϕ Mesons at 4.2 GeV*,
K.Lukashin and the CLAS Collaboration (including **J. H. Kelley**),
Phys.Rev. C**63**, (2001) 065205; **64**, (2001) 059901(E) .

36. *Proton Decay following the Transfer Reaction (${}^7\text{Li}, {}^6\text{He}$) on ${}^{40}\text{Ca}$ and ${}^{90}\text{Zr}$* ,
G.H.Yoo, G.M.Crawley, **J. H. Kelley**, N.A.Orr, J.C.Stasko, J.S.Winfield, S.Gales,
S.Fortier, H.Laurent, T.Suomijarvi and J.E.Finck,
Phys.Rev. C**62**, (2000) 044604.

35. *The ${}^{11}\text{B}(p(\text{pol}), \gamma){}^{12}\text{C}$ Reaction below 100 keV*,
J. H. Kelley, R.S.Canon, S.J.Gaff, R.M.Prior, B.J.Rice, E.C.Schreiber, M.Spraker,
D.R.Tilley, E.A.Wulf and H.R.Weller,
Phys.Rev. C**62**, (2000) 025803.

34. *Evaluations of Thermonuclear Proton Capture Reaction Rates for ${}^2\text{H}$, ${}^7\text{Li}$, ${}^9\text{Be}$, and ${}^{11}\text{B}$* ,
S.O.Nelson, E.A.Wulf, **J. H. Kelley** and H.R.Weller,
Nucl.Phys. A**679**, (2000) 199.

33. *First Measurement of the Near-Threshold ${}^2\text{H}(\gamma(\text{pol}), n)p$ Analyzing Power using a Free-Electron Laser Based gamma-Ray Source*,
E.C.Schreiber, R.S.Canon, B.T.Crowley,
C.R.Howell, **J. H. Kelley**, V.N.Litvinenko, S.O.Nelson, S.H.Park, I.V.Pinayev,
R.M.Prior, K.Sabourov, M.Spraker, W.Tornow, Y.Wu, E.A.Wulf and H.R.Weller,
Phys.Rev. C**61**, (2000) 061604.

32. *Slope of the Astrophysical S Factor for the ${}^7\text{Li}(p,\gamma){}^8\text{Be}$ Reaction*,
M.Spraker, R.M.Prior, M.A.Godwin, B.J.Rice, E.A.Wulf, **J. H. Kelley**, D.R.Tilley and
H.R.Weller,
Phys.Rev. C**61**, (2000) 015802.
31. *New Photodisintegration Threshold Observable in ${}^3\text{He}$* ,
E.A.Wulf, R.S.Canon, S.J.Gaff, **J. H. Kelley**, R.M.Prior, E.C.Schreiber, M.Spraker,
D.R.Tilley, H.R.Weller, M.Viviani, A.Kievsky, S.Rosati and R.Schiavilla,
Phys.Rev. C**61**, (2000) 021601.
30. *Spin Parity of the 7.478 MeV State of ${}^{10}\text{B}$ and the S Factor of the ${}^9\text{Be}(p(\text{pol}), \gamma){}^{10}\text{B}$ Reaction*,
S.J. Gaff, R.S. Canon, **J. H. Kelley**, S.O. Nelson, K. Sabourov, E.C. Schreiber,
D.R. Tilley, H.R. Weller, and E.A. Wulf,
Phys.Rev. C **59**, (1999) 3425.
29. *Proton Scattering by Short Lived Sulfur Isotopes*,
F. Maréchal, T. Suomijärvi, Y.Blumenfeld, A.Azhari, E.Bauge, D.Bazin, J.A.Brown,
P.D.Cottle, J.P.Delaroche, M.Fauerbach, M.Girod, T.Glasmacher, S.E.Hirzebruch,
J.K.Jewell, **J. H. Kelley**, K.W.Kemper, P.F.Mantica, D.J.Morrissey, L.A.Riley,
J.A.Scarpaci, H.Scheit, and M.Steiner,
Phys.Rev. C**60**, (1999) 034615.
28. *Proton Scattering from the Unstable Neutron-Rich Nucleus ${}^{43}\text{Ar}$* ,
F. Maréchal, T. Suomijärvi, Y.Blumenfeld, A.Azhari, D.Bazin, J.A.Brown, P.D.Cottle,
M.Fauerbach, T.Glasmacher, S.E.Hirzebruch, J.K.Jewell, **J. H. Kelley**, K.W.Kemper,
P.F.Mantica, D.J.Morrissey, L.A.Riley, J.A.Scarpaci, H.Scheit, and M.Steiner,
Phys.Rev. C**60**, (1999) 064623.
27. *Population of ${}^{10}\text{Li}$ by Fragmentation*,
M.Thoennessen, S.Yokoyama, A.Azhari, T.Baumann, J.A.Brown, A.Galonsky,
P.G.Hansen, **J. H. Kelley**, R.A.Kryger, E.Ramakrishnan, and P.Thirolf,
Phys.Rev. C**59**, (1999) 111.
26. *Energy Levels of Light Nuclei, $A = 20$* ,
D.R. Tilley, C.M. Cheves, **J. H. Kelley**, S. Raman, and H.R. Weller,
Nucl. Phys. A**636** (1998) 249.
25. *Proton Decay of States in ${}^{11}\text{N}$* ,
A. Azhari, T. Baumann, J.A. Brown, M. Hellström, **J. H. Kelley**, R.A. Kryger,
D.J. Millener, H. Madani, E. Ramakrishnan, D.E. Russ, T. Suomijärvi, M. Thoennessen,
and S. Yokoyama,
Phys. Rev. C**57** (1998) 628.

24. *Direct Determination of the Doublet and Quartet M1 Cross Sections in p-d Radiative Capture at Near-Thermal Energies*, B.J. Rice, E.A. Wulf, R.S. Canon, **J. H. Kelley**, R.M. Prior, M. Spraker, D.R. Tilley, and H.R. Weller, Phys. Rev. **C56**, (1997) R2917.

23. *Proton Scattering on the Unstable ^{38}S Nucleus: Isovector Contribution to the 2^+ State*, **J. H. Kelley**, T. Suomijärvi, S.E. Hirzebruch, A. Azhari, D. Bazin, Y. Blumenfeld, J.A. Brown, P.D. Cottle, S. Danczyk, M. Fauerbach, T. Glasmacher, J.K. Jewell, K.W. Kemper, F. Maréchal, D.J. Morrissey, S. Ottini, J.A. Scarpaci, and P. Thirolf, Phys. Rev. **C56** (1997) 1206R.

22. *Elastic and Inelastic Scattering of Protons on ^{38}S in Inverse Kinematics*, T. Suomijärvi, **J. H. Kelley**, S.E. Hirzebruch, A. Azhari, D. Bazin, Y. Blumenfeld, J.A. Brown, P.D. Cottle, S. Danczyk, M. Fauerbach, T. Glasmacher, J.K. Jewell, K.W. Kemper, F. Maréchal, D.J. Morrissey, S. Ottini, J.A. Scarpaci and P. Thirolf, Nucl.Phys. **A616** (1997) 295c.

21. *The Effect of a Limited Acceptance when Measuring Fragment Momentum Distributions from Halo Nuclei*, **J. H. Kelley**, Sam M. Austin, D. Bazin, T. Kubo and B.M. Sherrill, Nucl. Inst. Meth. in Phys. Research **A386** (1997) 492.

20. *Measurement of the $^1\text{H}(^6\text{He}, ^6\text{Li})n$ Reaction in Inverse Kinematics*, J.A. Brown, D. Bazin, W. Benenson, J.A. Brown, J. Caggiano, M. Fauerbach, M. Hellström, **J. H. Kelley**, R.A. Kryger, R. Pfaff, B.M. Sherrill, M. Steiner, D.J. Morrissey and C.F. Powell, Phys. Rev. **C54** (1996) 2105R.

19. *Study of the Breakup Reaction $^8\text{B} \rightarrow ^7\text{Be} + p$: Absorption Effects and E2 Strength*, **J. H. Kelley**, Sam M. Austin, A. Azhari, D. Bazin, J.A. Brown, H. Esbensen, M. Fauerbach, M. Hellström, S.E. Hirzebruch, R.A. Kryger, D.J. Morrissey, R. Pfaff, C.F. Powell, E. Ramakrishnan, B.M. Sherrill, M. Steiner, T. Suomijärvi, and M. Thoennessen, Phys. Rev. Lett. **77** (1996) 5020.

18. *Upper Limit of the Lifetime of ^{16}B* , R.A. Kryger, A. Azhari, J.A. Brown, M. Hellström, **J. H. Kelley**, B.M. Sherrill, M. Steiner, and M. Thoennessen, Phys. Rev. **C53** (1996) 1971.

17. *New search for ^{26}O* , M. Fauerbach, D.J. Morrissey, W. Benenson, B.A. Brown, M. Hellström, **J. H. Kelley**, R.A. Kryger, R. Pfaff, C.F. Powell, and B.M. Sherrill, Phys. Rev. **C53** (1996) 647.

16. *First Study of Heavy-Ion Mirror Charge Exchange*,
M. Steiner, Sam M. Austin, D. Bazin, W. Benenson, C.A. Bertulani,
J.A. Brown, M. Fauerbach, M. Hellström, E. Kashy, **J. H. Kelley**, R.A. Kryger, T. Kubo,
N.A. Orr, R. Pfaff, B.M. Sherrill, M. Thoennessen, S.J. Yennello, B.M. Young,
P.D. Zecher, D.J. Morrissey, and C.F. Powell,
Phys. Rev. Lett. **76** (1996) 26; [E] **76** (1996) 3042.

15. *Parallel Momentum Distributions as a Probe of Halo Wave Functions*,
J. H. Kelley, Sam M. Austin, R.A. Kryger, D.J. Morrissey, N.A. Orr, B.M. Sherrill,
M. Thoennessen, J.S. Winfield, J.A. Winger, and B.M. Young,
Phys. Rev. Lett. **74** (1995) 30.

14. *Studies of Light Nuclei Beyond the Particle Driplines: The two-proton Emitter ^{12}O* ,
R.A. Kryger, A. Azhari, M. Hellström, **J. H. Kelley**, T. Kubo, R. Pfaff, E. Ramakrishnan,
B.M. Sherrill, M. Thoennessen, S. Yokoyama, R.J. Charity, J. Dempsey, A. Kirov,
N. Robertson, D.G. Sarantites, L.G. Sobotka, and J.A. Winger,
Nucl. Instr. Meth. In Phys. Research **B99** (1995) 312.

13. *Two-Proton Emission from the Ground State of ^{12}O* ,
R.A. Kryger, A. Azhari, M. Hellström, **J. H. Kelley**, T. Kubo, R. Pfaff, E. Ramakrishnan,
B.M. Sherrill, M. Thoennessen, S. Yokoyama, R.J. Charity, J. Dempsey, A. Kirov,
N. Robertson, D.G. Sarantites, L.G. Sobotka, and J.A. Winger,
Phys. Rev. Lett. **74** (1995) 860.

12. *One-Neutron Halo of ^{19}C* ,
D. Bazin, B.A. Brown, M. Fauerbach, M. Hellström, S.E. Hirzebruch, **J. H. Kelley**,
R.A. Kryger, D.J. Morrissey, R. Pfaff, C.F. Powell, B.M. Sherrill, and M. Thoennessen,
Phys. Rev. Lett. **74** (1995) 3569.

11. *Search for Double Gamow-Teller Strength by Heavy-Ion Double Charge Exchange*,
J. Blomgren, K. Lindh, N. Anantaraman, Sam M. Austin, G.P.A. Berg, B.A. Brown,
J.-M. Casandjian, M. Chartier, M.D. Cortina-Gil, S. Fortier, M. Hellström, J.R. Jongman,
J. H. Kelley, A. Lepine-Szily, I. Lhenry, M. Mac Cormick, W. Mittig, J. Nilsson,
N. Olsson, N.A. Orr, E. Ramakrishnan, P. Roussel-Chomaz, B.M. Sherrill, P.-E. Tegner,
J.S. Winfield, and J. Winger,
Phys. Lett. **B362** (1995) 34.

10. *Projectile-Like Fragment Momentum Distributions from $^{86}\text{Kr} + \text{Al}$ at 70 MeV/nucleon*,
R. Pfaff, D.J. Morrissey, M. Fauerbach, M. Hellström, **J. H. Kelley**, R.A.
Kryger, B.M. Sherrill, M. Steiner, J.S. Winfield, J.A. Winger, S.J. Yennello, and B.M.
Young, Phys. Rev. **C51** (1995) 1348.

9. *Momentum Distributions of ^9Li Fragments from the Breakup of ^{11}Li and the Neutron Halo*,
N.A. Orr, N. Anantaraman, Sam M. Austin, C.A. Bertulani, K. Hanold,
J. H. Kelley, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, G.A. Souliotis, M. Steiner, M.
Thoennessen, J.S. Winfield, J.A. Winger, and B.M. Young, Phys. Rev. **C51** (1995) 3116.

8. *Evidence for a Proton Halo in ^8B : Enhanced Total Reaction Cross Sections at 20 to 60 MeV/nucleon*, R.E. Warner, **J. H. Kelley**, P. Zecher, F.D. Becchetti, J.A. Brown, C.L. Carpenter, A. Galonsky, J. Kruse, A. Muthukrishnan, A. Nadasen, R.M. Ronningen, P. Schwandt, B.M. Sherrill, J. Wang, and J.S. Winfield, Phys. Rev. C**52** (1995) R1166.

7. *Low-Lying Structure of ^{10}Li in the Reaction $^{11}\text{B}(\gamma, ^8\text{B})^{10}\text{Li}$ Reaction*, B.M. Young, W. Benenson, **J. H. Kelley**, N.A. Orr, R. Pfaff, B.M. Sherrill, M. Steiner, M. Thoennessen, J.S. Winfield, J.A. Winger, S.J. Yennello, and A. Zeller, Phys. Rev. C**49** (1994) 279.

6. *Quasielastic Scattering of $^{12,14}\text{Be}$ on ^{12}C* , M. Zahar, M. Belbot, J.J. Kolata, K. Lamkin, R. Thompson, **J. H. Kelley**, R.A. Kryger, D.J. Morrissey, N.A. Orr, B.M. Sherrill, J.S. Winfield, J.A. Winger, and A.H. Wuosmaa, Phys. Rev. C**49** (1994) 1540.

5. *Mass of ^{11}Li from the $^{14}\text{C}(\gamma, ^{11}\text{Li})$ Reaction*, B.M. Young, W. Benenson, M. Fauerbach, **J. H. Kelley**, R. Pfaff, B.M. Sherrill, M. Steiner, J.S. Winfield, T. Kubo, M. Hellström, N.A. Orr, J. Stetson, J.A. Winger, and S.J. Yennello, Phys. Rev. Lett. **71** (1993) 4124.

4. *Strong Isomer Production in Fragmentation Reactions*, B.M. Young, D. Bazin, W. Benenson, **J. H. Kelley**, D.J. Morrissey, N.A. Orr, R. Ronningen, B.M. Sherrill, M. Steiner, M. Thoennessen, J.A. Winger, S.J. Yennello, I. Tanihata, X.X. Bai, N. Inabe, T. Kubo, C.-B. Moon, S. Shimoura, T. Suzuki, R.N. Boyd, and K. Subotic, Phys. Lett. B**311** (1993) 22.

3. *Neutron Decay of ^{10}Li Produced by Fragmentation*, R.A. Kryger, A. Azhari, A. Galonsky, **J. H. Kelley**, R. Pfaff, E. Ramakrishnan, D. Sackett, B.M. Sherrill, M. Thoennessen, J.A. Winger, and S. Yokoyama, Phys. Rev. C**47** (1993) R2439.

2. *Momentum Distributions for $^{12,14}\text{Be}$ Fragmentation*, M. Zahar, M. Belbot, J.J. Kolata, K. Lamkin, R. Thompson, N.A. Orr, **J. H. Kelley**, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, J.A. Winger, J.S. Winfield, and A.H. Wuosmaa, Phys. Rev. C**48** (1993) R1484.

1. *Momentum Distributions of ^9Li Fragments Following the Breakup of ^{11}Li* , N.A. Orr, N. Anantaraman, Sam M. Austin, C.A. Bertulani, K. Hanold, **J. H. Kelley**, D.J. Morrissey, B.M. Sherrill, G.A. Souliotis, M. Thoennessen, J.S. Winfield, and J.A. Winger, Phys. Rev. Lett. **69** (1992) 2050.

REVIEWED PROCEEDINGS

Evaluated Nuclear Structure Data Files: A=3-20

J. H. Kelley, with various coauthors.

<http://www.nndc.bnl.gov/nndc/ensdf/ensdfindex.html>

36. Isaak, J., Loher, B., Savran, D., Aumann, T., Beller, J., Cooper, N., Derya, V., Duchene, M., Endres, J., Fiori, E., Kelley, J. H., Knorz, M., Pietralla, N., Ponomarev, V. Y., Romig, C., Scheck, M., Scheit, H., Silva, J., Tonchev, A. P., et al., & et al. (2015). Decay pattern of the Pygmy Dipole Resonance in Ce-140. In Cgs15 - capture gamma-ray spectroscopy and related topics. (EPJ Web of Conferences, 93).

35. Tonchev, A., Bhatia, C., Kelley, J., Raut, R., Rusev, G., Tornow, W., & Tsoneva, N. (2015). Nuclear structure studies with gamma-ray beams. In Cgs15 - capture gamma-ray spectroscopy and related topics. (EPJ Web of Conferences, 93).

34. Benouaret, N., Beller, J., Isaak, J., Kelley, J. H., Pai, H., Pietralla, N., Ponomarev, V. Y., Raut, R., Romig, C., Rusev, G., Savran, D., Scheck, M., Schnorrenberger, L., Sonnabend, K., Tonchev, A. P., Tornow, W., Weller, H. R., & Zweidinger, M. (2015). QPM analysis of Tl-205 nuclear excitations below the giant dipole resonance. In Cgs15 - capture gamma-ray spectroscopy and related topics. (EPJ Web of Conferences, 93).

33. V.Werner, N.Cooper, P.M.Goddard, P.Humby, R.S.Ilieva, G.Rusev, J.Beller, C.Bernards, B.P.Crider, J.Isaak, J.H.Kelley, E.Kwan, B.Loher, E.E.Peters, N.Pietralla, C.Romig, D.Savran, M.Scheck, A.P.Tonchev, W.Tornow, S.W.Yates, M.Zweidinger (2015). Dipole strength distributions from HIGS Experiments. In Cgs15 - capture gamma-ray spectroscopy and related topics. (EPJ Web of Conferences, 93).

32. Systematics of the Electric and Magnetic Dipole Response in N= 82 Isotones Below the Neutron Separation Energy

AP Tonchev, E Kwan, R Raut, G Rusev, W Tornow, S Hammond, JH Kelley, N Tsoneva, H Lenske

Capture Gamma-Ray Spectroscopy and Related Topics-Proceedings of the Fourteenth International Symposium. Edited by Garrett Paul E et al. Published by World Scientific Publishing Co. Pte. Ltd., 2013. ISBN# 9789814383646, pp. 192-201

31. Dipole Response of ^{76}Se up to 9 MeV

V Werner, NM Cooper, PM Goddard, MK Smith, D Savran, SW Yates, BP Crider, EE Peters, A Chakraborty, AP Tonchev, G Rusev, W Tornow, JH Kelley, E Kwan, R Raut, F Reichel, N Pietralla, C Romig, M Scheck, M Fritzsche, J Beller, M Zweidinger, K Sonnabend
Capture Gamma-Ray Spectroscopy and Related Topics-Proceedings of the Fourteenth International Symposium. Edited by Garrett Paul E et al. Published by World Scientific Publishing Co. Pte. Ltd., 2013. ISBN# 9789814383646, pp. 421-426

30. Energy separation of the $1^+ / 1^-$ parity doublet in ^{20}Ne , J.Beller, J.Wagner, M.Ahmed, D.Deleanu, D.M.Filipescu, T.Glodariu, J.Isaak, J.H.Kelley, E.Kwan, N.Pietralla, R.Raut, C.Romig, G.Rusev, M.Scheck, S.C.Stave, A.Tonchev, W.Tornow, H.R.Weller, N.-V.Zamfir, M.Zweidinger, J.Phys.:Conf.Ser. 366, 012003 (2012).
29. Cross-Section Measurements of the $^{86}\text{Kr}(\gamma, n)$ Reaction to Probe the s-Process Branching at ^{85}Kr , R.Raut, A.Banu, C.Iliadis, J.H.Kelley, G.Rusev, R.Schwengner, A.P.Tonchev, W.Tornow, J.Phys.:Conf.Ser. 337, 012048 (2012).
28. *Fine structure of the giant M1 resonance in Zr-90, 1. Fine structure of the giant M1 resonance in Zr-90*, G. Rusev, A.S. Adekola, F. Donau, S. Frauendorf, S.L. Hammond, C. Huibregtse, **J.H. Kelley**, E. Kwan, R. Schwengner, A.P. Tonchev W Tornow and A. Wagner, J. Phys.: Conf. Ser. 312 092053.
27. Coarse and Fine Structure of the Pygmy Dipole Resonance, A P Tonchev, S L Hammond, **J H Kelley**, E Kwan, H Lenske, R Raut, G Rusev, W Tornow, and N Tsoneva, J. Phys.: Conf. Ser. 312 092058.
26. Cross Section Measurements of Neutron Induced Reactions on GaAs using Monoenergetic Beams from 7.5 to 15 MeV, R Raut, A S Crowell, B Fallin, C R Howell, C Huibregtse, **J H Kelley**, T Kawano, E Kwan, G Rusev, A P Tonchev, W Tornow, D J Vieira and J B Wilhelmy, J. Phys.: Conf. Ser. 312 062008
25. *Photodisintegration Cross Section of ^{241}Am* . A.P. Tonchev, S. Hammond, C.R. Howell, C. Huibregtse, A. Hutcheson, H.J. Karwowski, **J.H. Kelley**, E. Kwan, G. Rusev, W. Tornow, D.J. Vieira, and J.B. Wilhelmy. AIP 1099, 820 (2009).
24. *Missing Dipole Excitation Strength Below the Particle Threshold*, A.P. Tonchev, C. Angell, M. Boswell, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, W. Tornow, and N. Tsoneva. Workshop on Photon Strength Functions and Related Topics, June 17-20 2007, Prague, Czech Republic, to be published in Proceedings of Science.
23. *Neutron Capture and $(n, 2n)$ Measurements on ^{241}Am* D.J. Viera, M. Jandel, T.A. Bredeweg, E.M. Bond, R.R. Clement, A. Couture, R.C. Haight, J.M. O'Donnell, R. Reifarh, R.S. Rundberg, J.L. Ullmann, J.B. Wilhelmy, J.M. Wouters, A.P. Tonchev, A. Hutcheson, C.T. Angell, A.S. Crowell, B. Fallin, S. Hammond, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, R. Pedroni, W. Tornow, R.A. Macri, U. Agvaanluvsan, J.A. Becker, D. Dashdorj, M.A. Stoyer and C.Y. Wu. Proceedings of the Int. Conf on Nuclear Data for Science and Technology, Nice, France, April 2007

22. *Study of Collective Dipole Excitations below the Giant Dipole Resonance at $HI\gamma S$* , A.P. Tonchev, C. Angell, M. Boswell, A. Chyzh, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, W. Tornow, N. Tsoneva, and Y.K. Wu. Tours Symposium on Nuclear Physics VI, Tours, France (September 5 – 8, 2006), AIP Conference Proceedings 891, 339 (2007).
21. *Low-Energy Dipole Modes of Excitation Below the Neutron Separation Energy*, A.P. Tonchev, C. Angell, M. Boswell, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, W. Tornow, and N. Tsoneva, AIP Conf. Proc. 819, 350 Melville, NY (2006).
20. *Photo-Induced Population of the $h_{11/2}$ Isomeric States in (γ, n) Reactions*, C.T. Angell, H.J. Karwowski, **J.H. Kelley**, A.P. Tonchev, and W. Tornow, AIP Conf. Proc. 819, 363 Melville, NY (2006).
19. *TUNL Nuclear Data Evaluation Program*, **J.H. Kelley**, Proc. of the International Conference on Nuclear data for Science and Technology, Santa Fe, NM (AIP 2005) p. 568.
18. *Photon Analyzing Power for the three-body breakup of ^3He at $E_\gamma=15.0$ MeV* W. Tornow, J.H. Esterline, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, A.P. Tonchev, J. Li, S.F. Mikhailov, I.V. Pinayev, Y.K. Wu, G.J. Weisel and H. Witala, The 19th European Conference on Few-Body Problems in Physics (2004), p. 138.
17. *Gamma-ray induced Two- and Three- Body Breakup of ^3He at Low Energies*, W. Tornow, A.P. Tonchev, J.H. Esterline, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, J. Li, S.F. Mikhailov, I.V. Pinayev, Y.K. Wu, G.J. Weisel and H. Witala, The Third Asia-Pacific Conference on Few-Body Problems in Physics (Suranaree University of Technology, Nakhon Ratchasima, Thailand, 2005), p. 100.
16. *Photodisintegration of the Deuteron between $E_\gamma=2.4$ and 4.0 MeV* W. Tornow, N.G. Czakon, C.R. Howell, A. Hutcheson, **J. H. Kelley**, V.N. Litvinenko, S. Mikhailov, I.V. Pinayev, G.J. Weisel, H. Witala, Proc. of the XVIIIth European Conference on Few-Body Problems in Physics, Bled, Slovenia (2003)
15. *High-Intensity γ -ray Source*, **J. H. Kelley**, B.T. Crowley, V.N. Litvinenko, S.H. Park, I.V. Pinayev, E.C. Schreiber, W. Tornow, Y. Wu and H.R. Weller, in Proceedings of the 16th International Conference on the Application of Accelerators in Research and Industry, Denton, Texas, November 1-5, 2000, edited by J.L. Duggan and I.L. Morgan, American Institute of Physics, Melville, NY, p. 659 (2001).

14. The Role Played by the Polarization Potential in the Elastic Scattering of Light Exotic Nuclei on Protons and Carbon,

V.Lapoux, N.Alamanos, F.Auger, V.Fekou-Youmbi, A.Gillibert, F.Marie, S.Ottini-Hustache, J.L.Sida, D.T.Khoa, J.-M.Casandjian, M.-D.Cortina-Gil, M.Chartier, M.Mac Cormick, W.Mittig, F.de Oliveira, P.Roussel-Chomaz, N.Orr, J.Winfield, Y.Blumenfeld, **J.Kelley**, F.Marechal, J.-A.Scarpaci, and T.Suomijarvi
Proc.Intern.Symposium on Quasiparticle and Phonon Excitations in Nuclei (Soloviev 99), Riken, Japan, 4-7 December 1999, N.D.Dang, A.Arima, Editors, World Scientific, Singapore, p.159 (2000)

13. The Nucleus ^8B Studied by Fragmentation Reactions at 41 A MeV

J. H. Kelley, Sam. M. Austin, A. Azhari, D. Bazin, J. A. Brown, H. Esbensen, M. Fauerbach, M. Hellström, S. E. Hirzebruch, R. A. Kryger, D. J. Morrissey, R. Pfaff, C. F. Powell, E. Ramakrishnan, B. M. Sherrill, M. Steiner, T. Suomijarvi, and M. Thoennessen, Proceedings of the XXXIV International Winter Meeting on Nuclear Physics, p. 355, Edited by I. Iori, Ricerca Scientifica ed Educazione Permanente Supplemento N. 106, Bormio, Italy (1996).

12. Nuclear Structure of Particle Unstable Nuclei

M. Thoennessen, A. Azhari, T. Baumann, J. A. Brown, J. Caggiano, M. Hellström, **J. H. Kelley**, R. A. Kryger, H. Madani, E. Ramakrishnan, D. Russ, B. M. Sherrill, M. Steiner, T. Suomijarvi, P. Thirolf, and S. Yokoyama, Proceedings of the International Workshop XXIV on Gross Properties of Nuclei and Nuclear Excitations, p. 314, Edited by H. Feldmeier, J. Knoll, and W. Nörenberg, Gesellschaft für Schwerionenforschung, Darmstadt, ISSN 0720-8715, (1996).

11. Mass Measurements Beyond the Driplines

M. Thoennessen, A. Azhari, T. Baumann, J. A. Brown, A. Galonsky, M. Hellström, **J. H. Kelley**, R. A. Kryger, H. Madani, E. Ramakrishnan, D. Russ, T. Suomijarvi, P. Thirolf, and S. Yokoyama, Proceedings of the International Conference on Exotic Nuclei and Atomic Masses, p. 237, Edited by M. de Saint Simon and O. Sorlin, Editions Frontieres (1996).

10. Studies of Light Nuclei Beyond the Particle Driplines: The Two-Proton Emitter ^{12}O ,
R.A. Kryger, A. Azhari, M. Hellström, **J. H. Kelley**, T. Kubo, R. Pfaff, E. Ramakrishnan, B.M. Sherrill, M. Thoennessen, S. Yokoyama, R.J. Charity, J. Dempsey, A. Kirov, N. Robertson, D.G. Sarantites, L.G. Sobotka, and J.A. Winger,
in Proceedings of the 13th International Conference on the Application of Accelerators in Research and Industry, Denton, Texas, November 7-10, 1994, edited by J.L. Duggan and I.L. Morgan; Nucl. Instr. Meth. in Phys. Research B (1995).

9. Measurement of the Half-Life of ^{44}Ti ,

J. Meissner, J. Görres, H. Schatz, S. Vouzoukas, M. Wiescher, L. Buchmann, D. Bazin, J.A. Brown, M. Hellström, **J. H. Kelley**, R.A. Kryger, D.J. Morrissey, M. Steiner, K.W. Scheller, and R.N. Boyd, in Proceedings of the Third International Symposium on Nuclei in the Cosmos, Gran Sasso, Italy, July 8-13, 1994.

8. *Isomer Production in Fragmentation Reactions,*

W. Benenson, D. Bazin, **J. H. Kelley**, D.J. Morrissey, N.A. Orr, R. Ronningen, B.M. Sherrill, M. Steiner, M. Thoennessen, J.A. Winger, S.J. Yennello, B.M. Young, I. Tanihata, X.X. Bai, N. Inabe, T. Kubo, C.-B. Moon, S. Shimoura, T. Suzuki, R.N. Boyd, and K. Subotic, in Proceedings of the 10th Winter Workshop on Nuclear Dynamics, Snowbird, Utah, January 16-22, 1994, edited by J. Harris, A. Mignerey, and W. Bauer (WorldScientific Publishing, Singapore, 1994), p. 175.

7. *Studies of Nuclei Far From Stability Using Radioactive Beams at the NSCL,*

B.M. Sherrill, Sam M. Austin, D. Bazin, W. Benenson, Y. Chen, R. Harkewicz, E. Kashy, **J. H. Kelley**, R.A. Kryger, M.F. Mohar, D.J. Morrissey, N.A. Orr, G.A. Souliotis, M. Steiner, M. Thoennessen, J.S. Winfield, J.A. Winger, S.J. Yennello, and B.M. Young, in "Nuclei Far From Stability/ Atomic Masses and Fundamental Constants 1992", Proceedings of the Sixth International Conference on Nuclei Far From Stability, Bernkastel-Kues, Germany, July 19-24, 1992, edited by R. Neugart and A. Woehr, Institute of Physics Conference Series Number 132 (Institute of Physics Publishing, Bristol, 1993), p. 891.

6. *Mass of ^{10}Li and ^{11}Li ,*

W. Benenson, B.M. Young, T. Kubo, **J. H. Kelley**, N.A. Orr, R. Pfaff, B.M. Sherrill, M. Steiner, J. Stetson, M. Thoennessen, J.S. Winfield, S.J. Yennello, and A. Zeller, "Radioactive Nuclear Beams", Proceedings of the Third International Conference on Radioactive Nuclear Beams, East Lansing, May 24-27, 1993, edited by D.J. Morrissey (Editions Frontiers, Gif-sur-Yvette, 1993), p. 307.

5. *Neutron Decay of ^{10}Li Produced by Fragmentation,*

R.A. Kryger, A. Azhari, A. Galonsky, **J. H. Kelley**, R. Pfaff, E. Ramakrishnan, D. Sackett, B.M. Sherrill, M. Thoennessen, J.A. Winger, and S. Yokoyama, "Radioactive Nuclear Beams", *ibid*, p. 371.

4. *Fragment Momentum Distributions From the Breakup of Halo Nuclei,*

N.A. Orr, N. Anantaraman, Sam M. Austin, C.A. Bertulani, K. Hanold, **J. H. Kelley**, J.J. Kolata, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, G.A. Souliotis, M. Thoennessen, J.S. Winfield, J.A. Winger, and B.M. Young, "Radioactive Nuclear Beams", *ibid*, p. 389.

3. *Fragmentation of ^{86}Kr at 70 MeV/nucleon,*

R. Pfaff, M. Fauerbach, M. Hellström, **J. H. Kelley**, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, M. Steiner, J.S. Winfield, J.A. Winger, and B.M. Young, "Radioactive Nuclear Beams", *ibid*, p. 407.

2. *The Mirror Charge-Exchange Reaction $^{13}\text{C}(^{13}\text{N}, ^{13}\text{C})^{13}\text{N}$ at $E=57\text{ MeV/Nucleon}$,*
M. Steiner, W. Benenson, C.A. Bertulani, M. Fauerbach, M. Hellström, E. Kashy,
J. H. Kelley, R.A. Kryger, T. Kubo, N.A. Orr, C.F. Powell, R. Pfaff, B.M. Sherrill, M.
Thoennessen, S.J. Yennello, B.M. Young, and P. Zecher,
"Radioactive Nuclear Beams", *ibid*, p. 419.

1. *The Parallel Momentum Distribution of ^{10}Be Fragments from the Breakup of ^{11}Be*
J. H. Kelley, Sam M. Austin, R. A. Kryger, D. J. Morrissey, N. A. Orr, B. M. Sherrill, M.
Thoennessen, J. S. Winfield, J. A. Winger, and B. M. Young, *Proceedings of the Third
International Conference on Radioactive Nuclear Beams*, p. 345, Edited by D. J.
Morrissey, Editions Frontieres (1993).

ABSTRACTS

100., Nuclear Data Compilation for Beta Decay Isotopes, S Olmsted, J Kelley, G Sheu, Bulletin of the American Physical Society 60

Determination of Fission Product Yields of ^{235}U , ^{238}U and ^{239}Pu for Neutron Energies from 0.5 to 14.8 MeV

Matthew Gooden, Charles Arnold, John Becker, Chitra Bhatia, Megha Bhike, Brent Fallin, Malcolm Fowler, Calvin Howell, John Kelley, Mark Stoyer, Anton Tonchev, Werner Tornow, David Viera, Jerry Wilhelmy

Bulletin of the American Physical Society 2013/10/25

98. A Measurement of Cross Sections for Neutron-Induced Transitions in Germanium and ^{136}Xe , J.H. Esterline, B.A. Fallin, S.W. Finch, M.E. Gooden, C.R. Howell, W. Tornow, J.H. Kelley

<http://meetings.aps.org/link/BAPS.2013.APR.B13.7>

97. Modernizing the Fission Basis, C. Bhatia, B. Fallin, C. Howell, W. Tornow, M. Gooden, J. Kelley, C. Arnold, E. Bond, T. Bredeweg, M. Fowler, W. Moody, R. Rundberg, G. Rusev, D. Vieira, J. Wilhelmy, J. Becker, R. Macri, C. Ryan, S. Sheets, M. Stoyer, A. Tonchev, Fall APS Meeting, Laguna Beach, CA 2012

96. Neutron-Induced Reactions on Copper and Zero-Neutrino Double-Beta Decay Searches, Matthew Gooden, John Kelley, Brent Fallin, Sean Finch, Calvin Howell, Gencho Rusev, Anton Tonchev, Werner Tornow, Fall APS Meeting, Laguna Beach, CA 2012

95. Neutron Capture from ^{87}Sr , G. Rusev, R. Raut, A.P. Tonchev, W. Tornow, B. Baramsai, J.H. Kelley, G. Mitchell, T. Bredeweg, A. Couture, M. Jandel, J. O'Donnell, R. Rundberg, J.L. Ullmann, A. Chyzh, E. Kwan APS DNP meeting E. Lansing Oct 26-29.

94. First Measurement of Statistical Gamma-ray Transitions in ^{88}Sr at TUNL via Inelastic Neutron Scattering. S. Carter, G. Rusev, C. Arnold, W. Tornow, M. Gooden, J.H. Kelley, S.L. Hammond, L. Stevens, APS DNP meeting E. Lansing Oct 26-29.

93. CH.00003 Fine Structure of the Giant M1 Resonance in ^{90}Zr
G. Rusev et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

92. DA.00001 Two-Body Photodisintegration of ^3He between 7 and 16 MeV
W. Tornow et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

91. DA.00002 The Two-Body Photodisintegration Reaction $^4\text{He}(\gamma, p)^3\text{H}$ between 22 and 30 MeV, R. Raut et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

90. DA.00003 The 2-Body Photodisintegration Reaction $4\text{He}(\gamma, n)3\text{He}$ below 30 MeV

J.H. Kelley et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

89. DG.00009 Nuclear Dipole Resonance in $N = 82$ Nuclei

A.P. Tonchev et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

88. JE.00004 Electric and Magnetic Dipole States in ^{238}U

S.L. Hammond et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

87. JG.00003 Discrete deexcitations in ^{235}U from Nuclear Resonance Fluorescence

E. Kwan et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

86. NG.00009 Dipole Excitations of ^{76}Se in the Energy Range 5-9 MeV

Philip Goddard et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

85. EA.00019 Measurement of the $^{187}\text{Re}(n,2n)^{186m}\text{Re}$ Destruction Cross-section

Clark Casarella et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

84. EA.00089 First Nuclear Self-Absorption Experiment at HIGS Relevant to Astrophysics

S. Pratt et al. APS Division of Nuclear Physics abstracts: Santa Fe, NM November

83. Nuclear Structure and Decay Data Evaluation: Status and Perspectives.

F.G. KONDEV, E. BROWNE, C. OUELLET, B. PRITYCHENKO, C. REICH, A. SONZOGNI, S. TANDEL, J.K. TULI, J. CAMERON, A. CHEN, B. SINGH, J. KELLEY, E. KWAN, C. BAGLIN, M.S. BASUNIA, R.B. FIRESTONE, N. NICA, C.D. NESARAJA, M.S. SMITH
Bull. Am. Phys. (2009) DNP

82. Nuclear Resonance Fluorescence from Uranium above 2 MeV,

E. KWAN, C.R. HOWELL, R. RAUT, G. RUSEV, A.P. TONCHEV, W. TORNOW, A. ADEKOLA, S.L. HAMMOND, H.J. KARWOWSKI, J.R. TOMPKINS, C. HUIBREGTSE, J.H. KELLEY, B. JOHNSON,
Bull. Am. Phys. (2009) DNP

81. Precision photo-induced cross-section measurements using the monoenergetic and polarized photon beams at HIGS,

A.P. TONCHEV, C.R. HOWELL, E. KWAN, G. RUSEV, W. TORNOW, J.H. KELLEY, C. HUIBREGTSE, S.L. HAMMOND, D. VIEIRA, J.B. WILHELMY
Bull. Am. Phys. (2009) DNP

80. *Photonuclear Physics at Lawrence Livermore National Lab*,
M.S. JOHNSON, C.A. HAGMANN, J.M. HALL, D.P. MCNABB,
LLNL, J.H. KELLEY, NCSU, E. KWAN, G. RUSEV, A.P. TONCHEV,
H.R. WELLER, Duke University, S.L. HAMMOND,
Bull. Am. Phys. (2009) DNP
79. *Nuclear Resonance Fluorescence from ^{238}U*
S. Hammond, C.T. Angell, H.J. Karwowski, C.R. Howell, E. Kwan, G. Rusev, A.
Tonchev, W. Tornow, J.H. Kelley, Bull. Am. Phys. (2008) DNP.
78. *Precision Cross Section Measurement for the $^{24}\text{Am}(\gamma, n)$ Reaction at HIGS*
A. Tonchev, A. Hutcheson, C.R. Howell, E. Kwan, G. Rusev, W. Tornow, S. Hammond,
H.J. Karwowski, C. Huibregtse, J.H. Kelley, D.L. Vieira, J.B. Wilhelmy, M.A. Stoyer,
Bull. Am. Phys. (2008) DNP.
77. *Neutron-Induced Partial γ -ray Cross-Section Measurements on Cu, Ge and Pb*,
E. Kwan, J.H. Esterline, B. Fallin, C.R. Howell, A. Hutcheson, M.F. Kidd, A. Tonchev,
W. Tornow, C. Angell, H. Karwowski, **J. Kelley**, Bull. Am. Phys. (2008) DNP.
76. *Photon Scattering from the Stable Even-Mass Mo Isotopes Below the Neutron-
Separation Energy*, G. Rusev, A. Hutcheson, E. Kwan, A.P. Tonchev, W. Tornow, C.
Angell, S. Hammond, H.J. Karwowski, J.H. Kelley, R. Schwengner,
Bull. Am. Phys. (2008) DNP.
- 75: *Determination of the Spectral Intensity Distribution of the Mono-Energetic γ -ray
Beam at HIGS Using a Large Volume HPGe Detector*. G. Rusev, A. Tonchev, A.
Hutcheson, E. Kwan, W. Tornow, C. Angell, H. Karwowski, **J. Kelley**, C. Sun, Y. Wu
Bull. Am. Phys. April (2008).
- 74: *Neutron-Induced partial cross sections Measurements on Cu, Ge and Pb at $E_n=8$
and 12 MeV for background Radiation in $0n2\beta$ Decay experiments* E. Kwan, J.H.
Esterline, B. Fallin, C.R. Howell, A. Hutcheson, M.F. Kidd, A. Tonchev, W. Tornow, C.
Angell, H. Karwowski, **J. Kelley**, D. Mei, S. Hilderbrand, D.B. Masters, R. S. Pedroni,
G.J. Weisel, Bull. Am. Phys. April (2008).
- 73: *Search for Dipole States in $^{235,238}\text{U}$*
S. Hammond, C. Angell, H.J. Karwowski, E. Kwan, G. Rusev, A.P. Tonchev, W.
Tornow, **J. Kelley**, Bull. Am. Phys. April (2008).
- 72: *Neutron Induced partial γ -ray Cross-Section Measurements on Uranium at TUNL*
A. Hutcheson, A.S. Crowell, B. Fallin, C.R. Howell, M. Kiser, A.P. Tonchev, W.
Tornow, **J.H. Kelley**, C.T. Angell, H.J. Karwowski, R.S. Pedroni, G.J. Weisel, J.A.
Becker, D. Dashdorj, R.A. Macri, N. Fotiades, R.O. Nelson,
Bull. Am. Phys. April (2008).

71: *Nuclear Dipole Response of Bound States in N=82 Nuclei below particle Threshold*
A. Tonchev, A. Hutcheson, E. Kwan, G. Rusev, W. Tornow, C. Angell, S. Hammond, H. Karwowski, **J. Kelley**, Bull. Am. Phys. April (2008).

70: *The Astrophysical $^{187}\text{Re}/^{187}\text{Os}$ Ratio: Measurement of the $^{187}\text{Re}(n,2n\gamma)^{186m}\text{Re}$ Destruction Cross Section* **J.H. Kelley**, D.B. Masters, S. Hammond, H.J. Karwowski, E. Kwan, A. Hutcheson, A.P. Tonchev, W. Tornow, F.G. Kondev, S. Zhu
Bull. Am. Phys. April (2008).

69: *Gamma Strength Function for p-process nucleosynthesis calculations*
C.T. Angell, S. Hammond, H.J. Karwowski, E. Kwan, G. Rusev, A.P. Tonchev, **J.H. Kelley**, A. Makinaga, H. Utsunomiya
Bull. Am. Phys. April (2008).

68. *Measurement of the $^{241}\text{Am}(n,2n)$ reaction cross section from 7.6 to 14.5 MeV*,
A. Tonchev, C. Angell, J. Becker, E. Bond, D. Dashdorj, B. Fallin, J. Fitzpatrick,
C. Howell, A. Hutcheson, H. Karwowski, **J. Kelley**, R. Macri, R. Pedroni, A. Slemmons,
M. Stoyer, W. Tornow, D. Vieira, J. Wilhalmy, C. Wu
Bull. Am. Phys. (2007).

67. *Partial $(n,n'\gamma)$ cross section measurements of Cu, Ge and Pb at 8 and 12 MeV for 0^+ decay*, E. Kwan, J.H. Esterline, S. Elliot, B. Fallin, S.H. Hilderbrand, A. Hime,
C.R. Howell, A. Hutcheson, H.J. Karwowski, **J.H. Kelley**, M.F. Kidd, D.B. Masters, D. Mei, A.P. Tonchev, W. Tornow,
Bull. Am. Phys. Soc. DNP (2007).

66. *Neutron-Induced Partial Cross-Section Measurements on ^{76}Ge Motivated by The Majorana Project $0\nu 2\beta$ Decay Search* S. Hilderbrand, E. Kwan, C. Angell, B. Fallin,
C.R. Howell, A. Hutcheson, H.J. Karwowski, **J.H. Kelley**, A.P. Tonchev, W. Tornow,
D.B. Masters, R.S. Pedroni, G.J. Weisel,
Bull. Am. Phys. Soc. DNP (2007).

65. *Neutron-Induced Partial Gamma-Ray Cross-Section Measurements on Uranium at TUNL*, A. Hutcheson, A.S. Crowell, J.H. Esterline, B. Fallin, C.R. Howell, M. Kiser,
A.P. Tonchev, W. Tornow, **J.H. Kelley**, C.T. Angell, M. Boswell, H.J. Karwowski, R.S. Pedroni, G.J. Weisel, J.A. Becker, D. Dashdorj, R.A. Macri, R.O. Nelson,
Bull. Am. Phys. Soc. DNP (2007).

64. *Neutron-Induced Background for Double-Beta Decay Experiments*,
V.E. Guiseppe, S.R. Elliott, A. Hime, R.O. Nelson, N. Fotiadis, M.J. Devlin, R.C. Haight,
D. M. mei, W. Tornow, A.P. Tonchev, A. Chyzh, J.H. Esterline, B. Fallin, C.R. Howell,
A. Hutcheson, H.J. Karwowski, **J.H. Kelley**, M. Kidd,
Bull. Am. Phys. Soc. **52** (2007) p 157.

63. *Measurement of the $^{241}\text{Am}(n,2n)$ Reaction Cross Section with the Activation Technique* A.P. Tonchev, A. Crowell, B. Fallin, C. Howell, A. Hutcheson, W. Tornow,

J. Kelley, C. Angell, H. Karwowski, R. Pedroni, J. Becker, D. Dashdorj, R. Macri, J. Wilhemy, E. Bond, J. Fitzpatrick, A. Slemmons and D. Vieira.
Bull. Am. Phys. Soc. Tennessee **51** (2006) 35.

62. *Neutron-Induced Partial Gamma-Ray Cross-Section Measurements on Uranium Using a Pulsed and Monoenergetic Beam at TUNL*, A. Hutcheson, A.S. Crowell, J.H. Esterline, B. Fallin, C.R. Howell, M. Kiser, A.P. Tonchev, W. Tornow, **J.H. Kelley**, C.T. Angell, M. Boswell, H.J. Karwowski, R. Pedroni, G.J. Weisel, J. Becker, D. Dashdorj, R. Macri and R.O. Nelson.. Bull. Am. Phys. Soc. Tennessee **51** (2006) .

61. *Partial Cross-Sections of $^{140}\text{Ce}(n,2n)^{139}\text{Ce}$ Reaction*
C.T. Angell, B. Fallin, H.J. Karwowski, J. Engel, **J.H. Kelley**, A.P. Tonchev and W. Tornow. Bull. Am. Phys. Soc. Tennessee **51** (2006).

60. *Probing the Pygmy Dipole Resonance in ^{112}Sn and ^{124}Sn*
Melissa Boswell, C. Angell, H.J. Karwowski, J. Engel, **J.H. Kelley**, A.P. Tonchev and W. Tornow. Bull. Am. Phys. Soc. Tennessee **51** (2006) 70.

59. *Results for the Cross Section of the Reaction $^{12}\text{C}(n,n'\alpha)^{12}\text{C}^*$ (4.44 MeV) at $E_n = 6.20$ and 6.34 MeV using Gamma Ray Detection*, M.F. Kidd, J.H. Esterline, B. Fallin, A. Hutcheson, A.P. Tonchev, W. Tornow and **J.H. Kelley**,
Bull. Am. Phys. Soc. Tennessee **51** (2006) 19.

58. *Neutron excitation of lead and copper in search for specific excited state decays*
Dong-Ming Mei, Steve Elliot, Andrew Hime, Anton Tonchev, Werner Tornow, Michael Antonacci, Andrii Chyzh, James Esterline, Brent Fallin, Calvin Howell, Anthony Hutcheson, Hugon Karwowski, **John Kelley**, Mary Kidd and Ben Spaun.
Bull. Am. Phys. Soc. Tennessee **51** (2006) 106.

57. *Precision (n,n') cross-section measurement of Cu at 8 and 12 MeV for shielding designs for the next generation of $0\nu\beta\beta$ decay experiments*, M. Antonacci, A. Chyzh, J.H. Esterline, S. Elliot, B. Fallin, A. Hime, C. R. Howell, A. Hutcheson, H.J. Karwowski, **J.H. Kelley**, M.F. Kidd, D. Mei, B. Spaun, A.P. Tonchev and W. Tornow,
Bull. Am. Phys. Soc. Tennessee **51** (2006) 48.

56. : E12.00005 : *Neutron-Induced Partial Gamma-Ray Cross-Section Measurements on ^{238}U Using a Monoenergetic and Pulsed Beam at TUNL*
Hutcheson, S.T. Churchwell, A.S. Crowell, B. Fallin, C.R. Howell, **J. Kelley**, M. Kiser, A.P. Tonchev, W. Tornow, R.L. Walter, R.S. Pedroni, G.J Weisel, J.A. Becker, J.R. Cooper, D. Dashdorj, R.A. Macri, N. Fotiades, R.O. Nelson, I. Lantuejoul
Bull. Am. Phys. Soc. **50** (2005) p .

55. *Production of $^{178m2}\text{Hf}$ Isomeric Nuclei with High Energy Monoenergetic Neutrons*
M. Parker, A. Tonchev, B. Fallin, W. Tornow, A. Hutcheson, **J. Kelley**, J. Clark, Bull. Am. Phys. Soc. **50** (2005) p .

54. *Two-and three- body breakup of ^3He at low energies,*

W. Tornow, A.P. Tonchev, J.H. Esterline, C.R. Howell, H.J. Karwowski, **J.H. Kelley**, J. Li, S.F. Mikhailov, I.V. Pinayev, Y.K. Wu, H. Witala, Bull. Am. Phys. Soc. **50** (2005) p .

53. *Nuclear Structure Physics at HIGS: Parity Assignments to Levels in ^{138}Ba*
Tonchev, W. Tornow, C. Angell, M. Boswell, H. Karwowski, **J. Kelley**, J. Li, S. Mikhailov, Y. Wu, N. Tsoneva, Bull. Am. Phys. Soc. Hawaii **50** (2005) 176.

52. *Probing the Pygmy Dipole Resonance in ^{124}Sn*
M. Boswell, C. Angell, H. Karwowski, **J. Kelley**, A. Tonchev, W. Tornow, N. Tsoneva, Bull. Am. Phys. Soc. Hawaii **50** (2005) 177.

51. *Neutron-Induced Partial Gamma-Ray Cross-Section Measurements on Uranium Using a Monoenergetic and Pulsed Beam at TUNL*, A. Hutcheson, A.S. Crowell, B. Fallin, C.R. Howell, **J. Kelley**, M. Kiser, A.P. Tonchev, W. Tornow, R.S. Pedroni, G.J. Weisel, J.A. Becker, D. Dashdor, R.A. Macri, N. Fotiades, R.O. Nelson, Bull. Am. Phys. Soc. **50** (2005) 66.

50. *[J8.002] Excitation of the ^{180}Ta isomer in the (ℓ, n) reaction and its astrophysical relevance*, A. Tonchev, W. Tornow, **J. Kelley**, V. Litvinenko, I. Pinayev, Y. Wu, Bull. Am. Phys. Soc. **49** (2004) p .

49. *Excitation of $h_{11/2}$ Isomeric States in (γ, n) Reactions**
C. Angell, C. Howell, H. Karwowski, **J. Kelley**, A. Tonchev, W. Tornow, Y. Wu, Bull. Am. Phys. Soc. **49** (2004) 75.

48. *Nuclear Resonance Fluorescence as a Method to Identify Nitrogen Rich Samples*
J. Navikonis, **J. H. Kelley**, A.P. Tonchev, W. Tornow, H. Karwowski, M. Boswell, Y.K. Wu, J. Li, S.F. Mikhailov, I.V. Pinayev, Bull. Am. Phys. Soc. **49** (2004) 61.

47. *Gamma-ray Induced Two- and Three-body Breakup of ^3He*
W. Tornow, J.H. Esterline, C.R. Howell, A.P. Tonchev, H.J. Karwowski, **J. H. Kelley**, J. Li, S.F. Mikhailov, I.V. Pinayev, J.K. Wu, G.J. Weisel, H. Witala, Bull. Am. Phys. Soc. **49** (2004) 98.

46. *Neutron-Deuteron Analyzing Power Data at 19.0 MeV*
G.J. Weisel, A.S. Crowell, J.H. Esterline, C.R. Howell, **J. H. Kelley**, R.A. Macri, W. Tornow, R.L. Walter, B.J. Crowe, R.S. Pedroni, H. Witala, Bull. Am. Phys. Soc. **49** 107 (2004).

45. *A Measurement of the Longitudinal Spin-Dependent Total Cross Section Difference, $\Delta\sigma_L$, in the $\bar{n} - \bar{d}$ System*. R. D. Foster, C. R. Gould, D. G. Haase, D. M. Markoff, **J. H. Kelley**, W. Tornow, Bull. Am. Phys. Soc. **49** 107 (2004).

44. *Photon analyzing power for the photodisintegration of the deuteron between $E_\gamma=2.4$ and 4.0 MeV*, W.Tornow, N.G. Czakon, C.R. Howell, A. Hutcheson, **J. H. Kelley**, V.N. Litvinenko, S. Mikhailov, I.V. Pinayev, G.J. Weisel, H. Witala, Bull. Am. Phys. Soc., **48-2** (2003) 39

43. *Neutron-Deuteron Analyzing Power at $E_n=19.0$ MeV*
G.J. Weisel, J.H. Esterline, S. Churchwell, B. Crowe, A.S. Crowell, C.R. Howell, **J. H. Kelley**, R.A. Macri, R. Pedroni, W.Tornow, R.L. Walter, H. Witala, Bull. Am. Phys. Soc., **48-2** (2003) 180

42. *Deuteron Photodisintegration between $E_\gamma=2.4$ and 4.0 MeV*
N.G. Czakon, W.Tornow, C.R. Howell, A. Hutcheson, **J. H. Kelley**, V.N. Litvinenko, S. Mikhailov, I.V. Pinayev, and G.J. Weisel, Bull. Am. Phys. Soc., **47-6** (2002) 50.

41. *Proton removal from ${}^8\text{B}$, ${}^9\text{C}$, ${}^{12}\text{C}$, and ${}^{14}\text{N}$*
R.E. Warner, F.D. Becchetti, A. Nadasen, J.A. Brown, A. Galonsky, R.M. Ronningen, B.M. Sherrill, J.S. Winfield, P.D. Zecher, J.A. Tostevin, **J. H. Kelley**, Bull. Am. Phys. Soc., **47-6** (2002) 29.

40. *The ratio of S-factors for (p, γ) reactions on ${}^{12}\text{C}$ and ${}^{13}\text{C}$ at astrophysically relevant energies*, C.D. Nesaraja, K. Sabourov, S.O. Nelson, B.T. Crowley, A. Tonchev, H.R. Weller, **J.H. Kelley**, D.R. Tilley, C.R. Brune, R.M. Prior, Bull. Am. Phys. Soc. **46** (2001) 63.

39. *Cosmic Ray Rejection with Plastic Scintillator Shields*
M. Amthor, H. Weller, M. Ahmed, S. Nelson, A. Sabourov, K. Sabourov, A. Tonchev, W. Rellergert, R. Prior, M. Spraker, **J. Kelley**, Bull. Am. Phys. Soc. **46** (2001) 97.

38. *The Slope of the Astrophysical S factor for the ${}^6\text{Li}(p, \gamma){}^7\text{Be}$ Reaction at Low Energies*, M. Spraker, R. M. Prior, A. M. Amthor, B. T. Crowley, S. O. Nelson, K. Sabourov, H. R. Weller, **J. H. Kelley**, D. R. Tilley and K. J. Keeter, Bull. Am. Phys. Soc. **46** (2001) 63.

37. *The ${}^{10}\text{B}(vec\{p\}, \gamma){}^{11}\text{C}$ Reaction at Astrophysically Relevant Energies*, A.P. Tonchev, S.O. Nelson, K. Sabourov, B.T. Crowley, H.R. Weller, **J. H. Kelley**, R.M. Prior and M. Spraker, Bull. Am. Phys. Soc. **46** (2001) 64.

36. *Evidence for a resonance at 126 keV in the ${}^{14}\text{N}(p, g){}^{15}\text{O}$ reaction*
S.O. Nelson, B.T. Crowley, C.D. Nesaraja, K. Saburov, A.P. Tonchev, H.R. Weller, **J.H. Kelley**, D.R. Tilley, R.M. Prior, M.C. Spraker, Bull. Am. Phys. Soc. **46** (2001) 64.

35. *Bragg-Diffraction Measurement Using a High-Intensity Semi-Mono-Energetic γ -ray Beam from the HIGS facility*, E.C. Longhi, V.N. Litvinenko, W. Tornow, A.P. Tonchev and **J. H. Kelley**, Bull. Am. Phys. Soc. **46** (2001) 91.

34. *Measurements of Analyzing Powers in Compton Scattering at the HIGS Facility*,

W. Rellergert, H. Weller, M. Ahmed, A.M. Amthor, R.M. Prior, M.C. Spraker and **J. H. Kelley**, Bull. Am. Phys. Soc. **46** (2001) 105.

33. *Nuclear Resonance Studies of $^{13}\text{C}(\gamma,n)^{12}\text{C}$ at HIGS*,
K.J. Keeter, R.S. Canon, S.J. Gaff, **J. H. Kelley**, S.O. Nelson, K. Sabourov,
E.C. Schreiber, H.R. Weller and E.A. Wulf, Bull. Am. Phys. Soc. **46** (2001) 91.

32. [B19.001] *Measurements of Tensor Polarization Observables in the $^2\text{H}(\vec{d},\gamma)^4\text{He}$ Reaction at Low Energies*, K. Sabourov, R.S. Canon, S.J. Gaff, **J.H. Kelley**, S.O. Nelson, E.C. Schreiber, H.R. Weller, E.A. Wulf, R.M. Prior, M. Spraker, D.R. Tilley
Bull Am. Phys. Soc. **45** (2000) p.

31. [V16.001] *Evaluations of several proton induced thermonuclear reaction rates*.
S.O. Nelson, H.R. Weller, R.S. Canon, E.C. Schreiber, K. Saburov, S. Gaff, E.A. Wulf,
J.H. Kelley, D.R. Tilley, R.M. Prior, M. Spraker Bull Am. Phys. Soc. **45** (2000) .

30. *PalmOS Applications Developed for Nuclear Physics*,
M. Hammock and **J. H. Kelley**, Bull Am. Phys. Soc. **45** No. 5 (2000) 17.

29. [DF.013] *Measurement of the GDH Sum Rule Integrand for the Deuteron Near Photodisintegration Threshold*, E. C. Schreiber, R. S. Canon, B. T. Crowley, S. O. Nelson, C. D. Nesaraja, K. Sabourov, W. Tornow, H. R. Weller, V. N. Litvinenko, I. V. Pinayev, R. Prior, M. Spraker, **J. H. Kelley**, A. L. Sabourov, K. J. Keeter
Bull Am. Phys. Soc. **45** (2000) .

28. [EC.007] *The $^3\text{H}(\vec{p},g)^4\text{He}$ Reaction below 80 keV*
R.S. Canon, B. Crowley, **J.H. Kelley**, S.O. Nelson, E.C. Schreiber, K. Saburov, E.A. Wulf, H.R. Weller, R.M. Prior, M. Spraker, D.R. Tilley, K.J. Keeter
Bull Am. Phys. Soc. **45** (2000) p .

27. [DD.01] *Near-threshhold measurment of the $2\text{H}(\vec{g},n)$ Analyzing Power at the DFELL/TUNL gamma-ray Source*, E. C. Schreiber, R. S. Canon, C. R. Howell,
J. H. Kelley, S. O. Nelson, K. Sabourov, W. Tornow, E. A. Wulf, H. R. Weller, V. N. Litvinenko, S. H. Park, I. V. Pinayev, Y. Wu, B. E. Norum, K. Wang, R. Prior, M. Spraker , Bull. Am. Phys. Soc. **44** (1999) p .

26. [BD.03] *The $^{14}\text{N}(\vec{p},\gamma_0)^{15}\text{O}$ Reaction below 140 keV*
S.O. Nelson, **J.H. Kelley**, R.S. Canon, E.C. Schreiber, K. Saburov, E.A. Wulf, H.R. Weller, R.M. Prior, M. Spraker, D.R. Tilley, Bull. Am. Phys. Soc. **44** (1999) p .

25. [CD.11] *Threshold Contribution to the Gerasimov-Drell-Hearn Sum Rule in ^3He*
E.A. Wulf, R.S. Canon, S.J. Gaff, **J.H. Kelley**, E.C. Schreiber, H.R. Weller, R.M. Prior, M. Spraker , D.R. Tilley, M. Viviani, A. Kievsky, S. Rosati, R. Schiavilla ,
Bull. Am. Phys. Soc. **44** (1999) p .

24. [ID.05] *The $^3\text{H}(\vec{p},\gamma)^4\text{He}$ Reaction below 80 keV*

R.S. Canon, **J.H. Kelley**, S.O. Nelson, E.C. Schreiber, K. Saburov, E.A. Wulf, H.R. Weller, R.M. Prior, M. Spraker, D.R. Tilley, Bull. Am. Phys. Soc. **44** (1999) p .

23. [B4.05] *The $^{11}\text{B}(\text{vec}\{p\}, \gamma)^{12}\text{C}$ Reaction Below 115 keV*

J.H. Kelley, R.S. Canon, S.J. Gaff, E. Schreiber, H.R. Weller, E.A. Wulf, R.M. Prior, M. Spraker, D.R. Tilley, Bull. Am. Phys. Soc. **43** (1998) p .

22. *Test of 4-body Theory via Polarized p-t Capture Below 80 keV,*

R.S. Canon, S.J. Gaff, **J.H. Kelley**, E.C. Schreiber, H.R. Weller, E.A. Wulf, R.M. Prior, M. Spraker and D.R. Tilley, Bull. Am. Phys. Soc. **43** (1998) 1540.

21. *The Origin of the "Ay Puzzle" in the $^2\text{H}(\text{vec}\{p\}, \gamma)^3\text{He}$ Reaction*

E.A. Wulf, R.S. Canon, S.J. Gaff, **J.H. Kelley**, B.J. Rice, K. Sabourov, E.C. Schreiber, H.R. Weller, R.M. Prior, M. Spraker and D.R. Tilley, Bull. Am. Phys. Soc. **43** (1998) 1554.

20. *Spin-Parity of the 7.478 MeV State of ^{10}B from $^9\text{Be}(\text{vec}\{p\}, g)^{10}\text{B}$*

S.J. Gaff, R.S. Canon, R.S. Canon, **J.H. Kelley**, S.O. Nelson, K. Sabourov, E.C. Schreiber, H.R. Weller, E.A. Wulf and D.R. Tilley, Bull. Am. Phys. Soc. **43** (1998) 1560.

19. *A Double-arm Moller Polarimeter for Jefferson Lab's Hall B,*

B.A. Raue, L.H. Kramer, R.M. Chastler, S.J. Gaff, **J.H. Kelley**, C. Laymon, M. Spraker, H.R. Weller, D.S. Carman, S. Boiarinov, V. Burkert and A. Freyberger, Bull. Am. Phys. Soc. **43** (1998) 1543.

18. *The γ -Ray Polarization Analyzing Power for the Reaction $^2\text{H}(\text{vec}\{p\}, \text{vec}\{\gamma\})^3\text{He}$ at 80-0 keV,*

E.A. Wulf, R.S. Canon, M.A. Godwin, J.F. Guillemette, **J.H. Kelley**, B.J. Rice, M. Spraker, H.R. Weller, R.M. Prior, D.R. Tilley, Bull. Am. Phys. Soc. **42** (1997) p

17. *The $^{11}\text{B}(\text{vec}\{p\}, \gamma)^{12}\text{C}$ Reaction at Low Energies*

J.H. Kelley, R.S. Canon, B.J. Rice, M. Spraker, H.R. Weller, E.A. Wulf, R.M. Prior, D.R. Tilley Bull. Am. Phys. Soc. **42** (1997) p .

16. [K7.01] *Ground State of ^{11}N*

Azhari, T. Baumann, J.A. Brown, M. Hellström, **J.H. Kelley**, R.A. Kryger, E. Ramakrishnan, T. Suomijarvi, P.G. Thirolf, M. Thoennessen, S. Yokoyama, D. Russ, H. Madani, Bull. Am. Phys. Soc. **41** (1996) p .

15. M8.06] *Ground State of ^{10}Li*

S. Yokoyama, A. Azhari, J. Brown, T. Baumann, A. Galonsky, **J.H. Kelley**, R.A. Kryger, R. Pfaff, E. Ramakrishnan, P. Thirolf, M. Thoennessen, Bull. Am. Phys. Soc. **41** (1996) p

14. [CD.01] *Cross Sections for $A=6,7$ Production in $\alpha+\alpha$ Reactions, and Cosmic Ray Nucleosynthesis*, D. J. Mercer, Sam M. Austin, J. A. Brown, S. E. Danczyk, **J. H. Kelley**, T. Suomijärvi, D. A. Roberts, *Bull. Am. Phys. Soc.* **41** (1996) p .

13. *Measurement of the $^1\text{H}(^6\text{He}, ^6\text{Li})n$ Reaction at 0°* ; J.A. Brown, D. Bazin, W. Benenson, J. Caggiano, M. Fauerbach, M. Hellström, **J.H. Kelley**, R.A. Kryger, D.J. Morrissey, R. Pfaff, C.F. Powell, B.M. Sherrill, and M. Steinerr; *Bull. Am. Phys. Soc.* **40** (1995) 978.

12. *Search for the Ground State of ^{11}N* ; A. Azhari, T. Baumann, J.A. Brown, M. Hellström, **J.H. Kelley**, R.A. Kryger, E. Ramakrishnan, T. Soumijarvi, M. Thoennessen, S. Yokoyama, A. Mignerey, D. Russ, and H. Madani; *Bull. Am. Phys. Soc.* **40** (1995) 978.

11. *First Study of the $d(^7\text{Be}, ^8\text{B})n$ Reaction*; C.F. Powell, D.J. Morrissey, J.A. Brown, B. Davids, M.Fauerbach, **J.H. Kelley**, R. Pfaff, and B.M. Sherrill; *Bull. Am. Phys. Soc.* **40** (1995) 1604.

10. *Does ^8B Have a Proton Halo?*

J.H. Kelley, Sam M. Austin, A. Azhari, D. Bazin, J.A. Brown, M. Faurbach, M. Hellstrom, S. Hirzebruch, R.A. Kryger, D.J. Morrissey, R. Pfaff, C.F. Powellm E. Ramakrishnan, B.M. Sherrill, M. Steiner, T. Suomijarvi, M. Thoennessen, J.S. Winfield, J.J. Kolata, K.L. Lamkin, *Bull. Am. Phys. Soc.* **40** (1995) p .

9. *Fragmentation of ^{86}Kr at $E/A = 70 \text{ MeV}$* ;

R. Pfaff, M. Fauerbach, M. Hellström,

J.H. Kelley, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, M. Steiner, B.M. Young, J.S. Winfield, and J.A. Winger, *Bull. Am. Phys. Soc.* **39**(1994)1151

8. *Momentum Distribution of ^7Be Fragments from the Break-Up of ^8B* ;

J.H. Kelley, S.M. Austin, J.A Brown, J.A. Caggiano, M. Hellström, R.A. Kryger, T. Kubo, D.J. Mercer, D.J. Morrissey, E. Ramakrishnan, B.M. Sherrill, M. Steiner, M. Thoennessen, J.S. Winfield, J.J. Kolata, and K.L. Lamkin, *Bull. Am. Phys. Soc.* **39**(1994)1240

7. *Sequential Neutron Decay Spectroscopy of ^{10}Li* ;

S. Yokoyama, A. Azhari, W. Benenson, A. Galonsky, **J.H. Kelley**, R.A. Kryger, T. Kubo, D.J. Morrissey, E. Ramakrishnan, R. Pfaff, B.M. Sherrill, and M. Thoennessen, *Bull. Am. Phys. Soc.* **39**(1994)1240

6. *Two-Proton Decay of ^{12}O* ;

R.A. Kryger, A. Azhari, M. Hellström, **J.H. Kelley**, T. Kubo, R. Pfaff, E. Ramakrishnan, B.M. Sherrill, M. Thoennessen, S. Yokoyama, R.J. Charity, J. Dempsey, A. Kirov, N. Robertson, D.G. Sarantites, L.G. Sobotka, and J. A. Winger, *Bull. Am. Phys. Soc.* **39**(1994)1240

5. *Excited States of ^{13}O* ;

A. Azhari, M. Hellström, **J.H. Kelley**, T. Kubo, E. Ramakrishnan, R. Pfaff, B.M. Sherrill, M. Thoennessen, S. Yokoyama, R.J. Charity, J. Dempsey, A. Kirov, N. Robertson, D.G. Sarantites, L.G. Sobotka, and J. A. Winger, *Bull. Am. Phys. Soc.* **39**(1994)1391

4. *The Charge Exchange Reaction $^{13}\text{C}(^{13}\text{N}, ^{13}\text{C})^{13}\text{N}$ at $E/A = 57$ and 100 MeV*;

M. Steiner, W. Benenson, C.A. Bertulani, M. Fauerbach, M. Hellström, E. Kashy, **J.H. Kelley**, R.A. Kryger, T. Kubo, N.A. Orr, C. Powell, R. Pfaff, B.M. Sherrill, M. Thoennessen, S.J. Yennello, B.M. Young, and P.D. Zecher, *Bull. Am. Phys. Soc.* **39**(1994)1391

3. *Longitudinal Momentum Distributions from Fragmentation of ^6He and ^8He*

J.J. Kolata, **J. Kelley**, D. Mercer, B.M. Sherrill, M. Steiner, D. Swan, J.S. Winfield, J. Yurkon, N.A. Orr, H. Geissel, K. Summerer, *Bull. Am. Phys. Soc.* **38** (1993) 1841.

2. *The Mass of ^{11}Li from $^{14}\text{C}(^{11}\text{B}, ^{11}\text{Li})^{14}\text{O}$*

B.M. Young, W. Benenson, M. Fauerbach, M. Hellstrom, **J.H. Kelley**, T. Kubo, N.A. Orr, R. Pfaff, B.M. Sherrill, M. Steiner, M. Thoennessen, J.S. Winfield, J.A. Winger, S.J. Yennello, *Bull. Am. Phys. Soc.* **38** (1993) 1842.

1. *^9Li Fragment distributions from ^{11}Li Breakup on Light and Heavy Targets*

N.A. Orr, B.M. Sherrill, N. Anataraman, Sam M. Austin, **J.H. Kelley**, D.J. Morrissey, G.A. Souliotis, M. Thoennessen, J.S. Winfield, J.A. Winger, K. Hanold, *Bull. Am. Phys. Soc.* **37** (1992) 1003.

Invited Talks

"Nuclear Data Evaluation: Why, What, Where and Who?"
Ohio University Nuclear Lab, Oct 26 2010.

"Neutron-induced reaction cross sections measured at Triangle Universities Nuclear Laboratory", Celebration of the contributions of John A. Becker to "Excellence in Basic and Applied Nuclear Science", Monterey California June 25-26 (2007).

"High-Intensity γ -ray Source at DFELL/TUNL", Conference on the Application of Accelerators in Research and Industry, Denton TX (2000).

"The nucleus ^8B studied by fragmentation reactions",
Workshop on 8B, GSI, Darmstadt Germany, February 1996.

"The nucleus ^8B studied by fragmentation reactions at 41A MeV",
Weekly Seminar, GANIL, Caen Cedex France, December 1995.

Contributed Talk

TUNL Neutron and γ -ray Activation Activities,
Nuclear Physics and Related Computational Science R&D for Advanced Fuel Cycles
Workshop, Bethesda, Maryland, August 10-12, 2006

"The nucleus ^8B studied by fragmentation reactions at 41A MeV,
The XXXIV Int. Winter Workshop on Nuclear Physics, Bormio Italy, January 1996.

Contributed Posters

Nuclear Data Evaluation Project at Triangle Universities Nuclear Lab
J H Kelley, G. Sheu, D.R. Tilley, J.E. Purcell, H.R. Weller, International Conference on
Nuclear Data for Science and Technology "ND2004" September 26-October 1, 2004,
Santa Fe, New Mexico

Calibrated Parameters for the Spectrodaq/SpectCL Data Acquisition System at TUNL
J.H. Kelley, A. P. Tonchev, A. Hutcheson, B. Fallin and W. Tornow, Stewardship
Science Academic Alliances (SSAA) Program Symposium, August 23-25, 2005,
Las Vegas, Nevada

Synergistic NNSA Activities at TUNL
J.H. Kelley, A. P. Tonchev, A. Hutcheson, H.J. Karwowski, B. Fallin and W. Tornow,
Stewardship Science Academic Alliances (SSAA) Program Symposium, February 5-7,
2007, Bethesda, MD