

Publications of Colin Wilkin in Regular Journals

[Numbers on the right are citations as of November 2008]

1. Cuts and Poles in the Angular Momentum Plane. [15]
C.Wilkin
Nuovo Cim. **31** (1964) 377-396 ([P001\CW001.pdf](#))
2. One-Particle-Exchange Forces and Meson Supermultiplets in an SU₃-Invariant Model. [1]
Chan Hong Mo, K.Dietz, and C.Wilkin
Nuovo Cim. **34** (1964) 250-256 ([P002\CW002.pdf](#))
3. A Dynamical Scheme of Meson Supermultiplets, Possible Assignments and Bronzan-Low Quantum Numbers. [5]
Chan Hong Mo and C.Wilkin
Phys.Lett. **13** (1964) 263-265 ([P003\CW003.pdf](#))
4. On the Shadow Effect in High Energy Scattering from Deuterons. [72]
E.S.Abers, H.Burkhardt, V.L.Teplitz, and C.Wilkin
Nuovo Cim. A **42** (1965) 365-389 ([P004\CW004.pdf](#))
5. Regge Pole Dominance at High Energies : An Experimental Test. [10]
E.S.Abers, H.Burkhardt, V.L.Teplitz, and C.Wilkin
Phys.Lett. **21** (1966) 339-342 ([P005\CW005.pdf](#))
6. Charge Independence in High Energy Scattering from Deuterons. [101]
C.Wilkin
Phys.Rev.Lett. **17** (1966) 561-563 ([P006\CW006.PDF](#))
7. A Dynamical Model for the Meson Spectrum. [1]
Chan Hong Mo and C.Wilkin
Ann.Phys. (N.Y.) **39** (1966) 300-334 ([P007\CW007.pdf](#))
8. Structure of the Alpha-particle from Elastic Proton Scattering. [63]
R.H.Bassel and C.Wilkin
Phys.Rev.Lett. **18** (1967) 871-873 ([P008\CW008.PDF](#))
9. High Energy Proton Scattering and the Structure of Light Nuclei. [253]
R.H.Bassel and C.Wilkin
Phys.Rev. **174** (1968) 1179-1199 ([P009\CW009.PDF](#))
10. Elastic Pion-Deuteron Scattering at High Energies. [87]
C.Michael and C.Wilkin
Nucl.Phys. **B11** (1969) 99-114 ([P010\CW010.pdf](#))
11. Elastic Proton-Deuteron Scattering at Large Angles. [110]
N.S.Craigie and C.Wilkin
Nucl.Phys. **B14** (1969) 477-488 ([P011\CW011.pdf](#))

12. Structures in K^\pm -Nucleon Total Cross Sections between 0.9 and 2.4 GeV/c. [89]
 R.L.Cool, G.Giacomelli, T.F.Kycia, B.A.Leontic, K.K.Li, A.Lundby, J.Teiger, and C.Wilkin
 Phys.Rev. **D1** (1970) 1887-1917 ([P012\CW012.pdf](#))
13. Proton-Neutron Scattering. [10]
 N.Straumann and C.Wilkin
 Phys.Rev.Lett. **24** (1970) 479-483 ([p013\norbert.pdf](#))
14. Scattering of Medium Energy Pions from Carbon and Oxygen. [48]
 C.Wilkin
 Nuovo Cim.Lett. **IV** (1970) 491-494 ([P014\CW014.pdf](#))
15. Final State Interactions in Large Momentum Transfer Electron-Deuteron Scattering. [2]
 R.Smith and C.Wilkin
 Nuovo Cim.Lett. **IV** (1970) 647-652 ([P015\CW015.pdf](#))
16. On the Investigation of Nucleon-Nucleon Correlations by Means of High Energy Scattering. [19]
 O.Kofoed-Hansen and C.Wilkin
 Ann.Phys. (N.Y.) **63** (1971) 309-318 (the de Shalit memorial volume). ([P016\CW016.pdf](#))
17. Inelastic Scattering of Medium Energy Pions from Carbon. [12]
 C.Rogers and C.Wilkin
 Nuovo Cim.Lett. **1** (1971) 575-578 ([P017\CW017.pdf](#))
18. The Effect of Inelasticity on the Determination of Unstable Particle Cross Sections. [6]
 C.Rogers and C.Wilkin
 Nucl.Phys. **B45** (1972) 47-60 ([P018\CW018.pdf](#))
19. The Pion-Nucleus Optical Potential and Mesic Atoms. [32]
 F.Scheck and C.Wilkin
 Nucl.Phys. **B49** (1972) 541-556 ([P019\CW019.pdf](#))
20. Final State Interactions in Large Momentum Transfer Inelastic Electron-Deuteron Scattering. [10]
 R.Smith and C.Wilkin
 Ann.Phys. (N.Y.) **75** (1973) 103 ([P020\CW020.pdf](#))
21. Pion-Deuteron Scattering near the 3-3 Resonance. [50]
 K.Gabathuler, C.R.Cox, J.J.Domingo, J.Rohlin, N.W.Tanner, and C.Wilkin
 Nucl.Phys. **B55** (1973) 397-407 ([P021\CW021.pdf](#))
22. Modified Meson-Nucleus Optical Potentials. [4]
 C.Wilkin
 Phys.Lett. **45B** (1973) 203-205 ([P022\CW022.pdf](#))
23. A Comparison of π^+ and π^- Total Cross Sections of Light Nuclei near the 3-3 Resonance. [106]
 C.Wilkin, C.R.Cox, J.J.Domingo, K.Gabathuler, E.Pedroni, J.Rohlin, P.Schwaller, and
 N.W.Tanner
 Nucl.Phys. **B62** (1973) 61-85 ([P023\CW023.pdf](#))

24. Elastic Pion-Deuteron Scattering near the 3-3 Resonance. [24]
 K.Gabathuler and C.Wilkin
 Nucl.Phys. **B70** (1974) 215-228 ([P024\CW024.pdf](#))
25. Proton-Nucleus Scattering at Medium Energies. [79]
 J.Saudinos and C.Wilkin
 Ann.Rev.Nucl.Sci. **24** (1974) 341-378 ([P025\CW025.pdf](#))
26. Can Pion Scattering Yield Useful Nuclear Structure Information? [14]
 C.Wilkin
 Nucl.Phys. **A220** (1974) 621-627 ([P026\CW026.pdf](#))
27. An Analysis of Pion-Nucleus Scattering Lengths within an α -Cluster Model. [51]
 J.Hüfner, L.Tauscher, and C.Wilkin
 Nucl.Phys. **A231** (1974) 455-461 ([P027\CW027.pdf](#))
28. Pion-Carbon Scattering in the α -Particle Model. [43]
 J.-F.Germond and C.Wilkin
 Nucl.Phys. **A237** (1975) 477-492 ([P028\CW028.pdf](#))
29. Pion-Calcium Scattering in the α -Particle Model. [13]
 J.-F.Germond and C.Wilkin
 Nucl.Phys. **A249** (1975) 457-465 ([P029\CW029.pdf](#))
30. How Well Can High Energy Proton Scattering Determine the Nuclear Matter Density? [13]
 R.J.Lombard and C.Wilkin
 Nuovo.Cim.Lett. **13** (1975) 463-467 ([P030\CW030.pdf](#))
31. Exchange Current Effects in Pion Double Charge Exchange from ${}^4\text{He}$ [51]
 J.-F.Germond and C.Wilkin
 Nuovo Cim.Lett. **13** (1975) 605-609 ([P031\CW031.pdf](#))
32. Rare Electromagnetic Decays of Pionic Atoms. [22]
 T.E.O.Ericson and C.Wilkin
 Phys.Lett. **57B** (1975) 345-348 ([P032\CW032.pdf](#))
33. Alignment Effects in Deuteron Total Cross Sections. [9]
 J.-F.Germond and C.Wilkin
 Phys.Lett. **59B** (1975) 317-320 ([P033\CW033.pdf](#))
34. On the Total Pion Cross Section of Aligned Deuterons. [9]
 D.S.Butterworth, J.-F.Germond, and C.Wilkin
 J.Phys. **G2** (1976) 657-675 ([P034\CW034.pdf](#))
35. Final State Interactions in the High Energy Proton-Deuteron Break-Up Reaction. [28]
 B.S.Aladashvili, B.Badalek, J.-F.Germond, V.V.Glagolev, R.M.Lebedev, M.S.Nioradze,
 G.Odynice, I.S.Saitov, T.Siemiarczuk, J.Stepaniak, V.N.Streltsov, C.Wilkin, and P.Zielinski
 J.Phys. **G3** (1977) 7-20 ([P035\CW035.pdf](#))

36. The Chou-Yang Model and the Form Factors of Elementary Particles. [10]
 R.J.Lombard and C.Wilkin
J.Phys. **G3** (1977) L5-11 ([P036\CW036.pdf](#))
37. Final State Interactions in the High Energy Proton-Deuteron Charge Exchange Reaction. [29]
 B.S.Aladashvili, J.-F.Germond, M.S.Nioradze, T.Siemiarczuk, J.Stepaniak, V.N.Streltsov,
 C.Wilkin, and P.Zielinski)
J.Phys. **G3** (1977) 1225-1240 ([P037\CW037.pdf](#))
38. Why are the Diffraction Minima in π^+ and π^- Scattering from ^{12}C so Different? [24]
 J.-F.Germond and C.Wilkin
Phys.Lett. **68B** (1977) 229-233 ([P038\CW038.pdf](#))
39. A Study of Charge Independence and Symmetry from π^+ and π^- Total Cross Sections on Hydrogen and Deuterium near the 3-3 Resonance. [145]
 E.Pedroni, K.Gabathuler, J.J.Domingo, W.Hirt, P.Schwaller, J.Arvieux, C.H.Q.Ingram,
 P.Gretillat, J.Piffaretti, N.W.Tanner, and C.Wilkin
Nucl.Phys. **A300** (1978) 321-347 ([P039\CW039.pdf](#))
40. On the Pion-Deuteron Scattering Length. [35]
 M.R.Robilotta and C.Wilkin
J.Phys. **G4** (1978) L115-117 ([P040\CW040.pdf](#))
41. Coulomb Corrections to Elastic Pion-Nucleus Scattering in the Eikonal Model. [20]
 J.-F.Germond and C.Wilkin
Ann.Phys. (N.Y.) **121** (1979) 285-317 ([P041\CW041.pdf](#))
42. Coulomb Effects in Inelastic Pion-Nucleus Scattering. [1]
 J.-F.Germond and C.Wilkin
J.Phys. **G5** (1979) L127-132 ([P042\CW042.pdf](#))
43. On the Parity of the Positive Pion. [4]
 C.Wilkin
J.Phys. **G6** (1980) L5-7 ([P043\CW023.pdf](#))
44. Deuteron Stripping Reactions at Intermediate Energies. [17]
 C.Wilkin
J.Phys. **G6** (1980) 69-80 ([P044\CW044.pdf](#))
45. Pion Absorption below the Coulomb Barrier. [4]
 J.-F.Germond, K.Stricker, and C.Wilkin
J.Phys. **G7** (1981) 293-307 ([P045\CW045.pdf](#))
46. Coherent Pion Production in ^3He - ^3He Collisions. [24]
 J.-F.Germond and C.Wilkin
Phys.Lett. **106B** (1981) 449-452 ([P046\CW046.pdf](#))
47. A Study of the $^3\text{He}(\text{p},\pi^+)^4\text{He}$ Reaction Close to Threshold. [16]
 N.Willis, L.Bimbot, N.Koori, Y.Le Bornec, F.Reide, A.Willis, and C.Wilkin
J.Phys. **G7** (1981) L195-199 ([P047\CW047.pdf](#))

48. Eikonal Corrections for Spin-Orbit Potentials. [29]
 D.Waxman, J.-F.Germond, R.J.Lombard, and C.Wilkin
 Phys.Rev. **C24** (1981) 578-587 ([P048\CW048.PDF](#))
49. Coherent Pion Production Near Threshold with a ${}^3\text{He}$ Projectile. [38]
 Y.Le Bornec, L.Bimbot, N.Koori, F.Reide, A.Willis, N.Willis, and C.Wilkin
 Phys.Rev.Lett. **47** (1981) 1870-1874 ([P049\CW049.PDF](#))
50. Experimental Study of Coherent Pion Production in ${}^4\text{He}({}^3\text{He}, \pi^+) {}^7\text{Li}$ and a Test of the Reaction Mechanism. [20]
 L.Bimbot, M.-P.Combes, J.C.Jourdain, Y.Le Bornec, F.Reide, A.Willis, N.Willis, J.-F.Germond, and C.Wilkin
 Phys.Lett. **114B** (1982) 311-314 ([P050\CW050.pdf](#))
51. Final State Interactions in the High Energy Proton-Deuteron Break-Up Reaction : D-State Effects. [10]
 C.Alvear and C.Wilkin
 J.Phys. **G10** (1984) 1025-1035 ([P051\CW051.pdf](#))
52. Pion Production in Exclusive ${}^3\text{He}$ -Induced Reactions. [12]
 J.-F.Germond and C.Wilkin
 J.Phys. **G10** (1984) 745-772 ([P052\CW052.pdf](#))
53. An Analyser of Deuteron Tensor Polarisation for the GeV/c Momentum Range. [36]
 D.V.Bugg and C.Wilkin
 Phys.Lett. **152B** (1985) 37-41 ([P053\CW053.pdf](#))
54. Spin Selectivity of the Polarised ($\vec{d}, 2p$) Reaction. [24]
 D.V.Bugg and C.Wilkin
 Phys.Lett. **154B** (1985) 243 ([P054\CW054.pdf](#))
55. Spin Transfer Effects in High Energy Deuteron Break-up Reactions. [5]
 A.Boudard and C.Wilkin
 J.Phys. **G11** (1985) 583-586. ([P055\CW055.pdf](#))
56. Coherent Pion Production and the Excited States of ${}^5\text{He}$. [5]
 J.-F.Germond and C.Wilkin
 J.Phys. **G11** (1985) 1131-1143 ([P056\CW056.pdf](#))
57. Fast Deuteron Production Following Pion Absorption in ${}^4\text{He}$. [3]
 J.-F.Germond and C.Wilkin
 J.Phys. **G12** (1986) 1379-1387 ([P057\CW057.pdf](#))
58. Deuteron Tensor Analysing Power for the Collinear $d \uparrow p \rightarrow {}^3\text{He} \pi^0$ Reaction at Intermediate Energies. [48]
 C.Kerboul, A.Boudard, L.Antonuk, J.Arview, J.Berger, R.Bertini, M.Boivin, J.M.Durand, A.Stetz, J.Tinsley, J.Yonnet, Nguyen Van Sen, Ye Yan Lin, B.Mayer, J.M.Cameron, C.Lapointe, D.M.Sheppard, J.-F.Germond, and C.Wilkin
 Phys.Lett. **181B** (1986) 28-32 ([P058\CW058.pdf](#))

59. Polarisation in the (d,2p) Reaction at Intermediate Energies. [65]
 D.V.Bugg and C.Wilkin
Nucl.Phys. **A467** (1987) 575-620 ([P059\CW059.pdf](#))
60. On Measuring the D-State of ^4He . [7]
 J.-F.Germond and C.Wilkin
J.Phys. **G13** (1987) L259-263 ([P060\CW060.pdf](#))
61. The $d\uparrow p \rightarrow ^3\text{He } \pi^0$ Reaction at Threshold. [37]
 J.-F.Germond and C.Wilkin
J.Phys. **G14** (1988) 181-190 ([P061\CW061.pdf](#))
62. Identification of the $dp \rightarrow ^3\text{He } \eta$ Reaction very near Threshold: Cross Section and Deuteron Tensor Analysing Power. [112]
 J.Berger, M.Boivin, A.Boudard, P.Fleury, J.-F.Germond, L.Goldzahl, C.Kerboul, B.Mayer,
 F.Plouin, L.Satta, and C.Wilkin
Phys.Rev.Lett. **61** (1988) 919-922 ([P070\CW070.pdf](#))
63. Interactions of 60 and 200A GeV ^{16}O Ions in Nuclear Emulsion. [25]
 N.Ardito, G. Baroni, V.Bisi, A.C.Breslin, D.H.Davis, S. Dell'Uomo, S.Di Liberto,
 P.Giubellino, K.Hoshino, K.Kodama, A.Marzari-Chiesa, M.Masera, M.A.Mazzoni, F.Meddi,
 A.Montwill, M.T.Muciaccia, S.Natali, K.Niu, K.Niwa, G.Poular, D.L.Ramello, L.Riccati,
 G.Romano, G.Rosa, C.Sgarbi, S.Simone, H.Sletten, D.N.Tovee, G.R.Vanderhaeghe, and
 C.Wilkin
Europhys.Lett. **6** (1988) 131-137 ([P063\CW063.pdf](#))
64. Sudden Death of a Symmetry. [14]
 J.B.Bowlin, A.S.Goldhaber, and C.Wilkin
Z.Phys. A **331** (1988) 83-87 ([P064\CW064.pdf](#))
65. Spin Correlation Parameter in the $d\uparrow p\uparrow \rightarrow (pp)n$ Reaction. [1]
 M.B.Barbaro and C.Wilkin
J.Phys. G **15** (1989) L69-72 ([P065\CW065.pdf](#))
66. The $dp \rightarrow ^3\text{He } \eta$ Reaction at Threshold. [35]
 J.-F.Germond and C.Wilkin
J.Phys. G **15** (1989) 437-447 ([P066\CW066.pdf](#))
67. Measurements of Tensor Analysing Powers in the $^1\text{H}(d,2p)n$ Reaction at 200 MeV. [11]
 T.Motobayashi, C.Perrin, J.Carbonell, C.Wilkin, S.Kox, F.Merchez, Nguyen Van Sen,
 G.Guillaume, J.Arvieux, J.Yonnet, B.Bonin, A.Boudard, M.Garçon, J.V.Guillot, and
 G.Gaillard
Phys.Lett. B **233** (1989) 69-73 ([P067\CW067.pdf](#))
68. The $dp \rightarrow ^3\text{He } \pi^0$ Reaction in Collinear Geometry. [20]
 J.-F.Germond and C.Wilkin,
J.Phys. G **16** (1990) 381-393 ([P068\CW068.pdf](#))

69. Identification and Analysis of the $np \rightarrow \eta d$ Cross Section near Threshold. [67]
 F.Plouin, P.Fleury, and C.Wilkin
 Phys.Rev.Lett. **65** (1990) 690 ([P069\CW069.pdf](#))
70. Electromagnetic Dissociation of 200 GeV/N ^{16}O and ^{32}S Ions in Nuclear Emulsion. [31]
 G.Baroni, V.Bisi, A.C.Breslin, D.H.Davis, S.Dell'Uomo, S.Di Liberto, P.Giubellino, G.Grella, K.Hoshino, M.Kazuno, M.Kobayashi, K.Kodama, A.Marzari-Chiesa, M.A.Mazzoni, F.Meddi, M.T.Muciaccia, K.Niu, D.L.Ramello, G.Romano, G.Rosa, C.Sgarbi, H.Shibuya, S.Simone, D.N.Tovee, N.Ushida, C.Wilkin, and S.Yuen
 Nucl.Phys. A **516** (1990) 673 ([P070\CW070.pdf](#))
71. The $pp \rightarrow pp\eta$ Reaction Near Threshold. [71]
 J.-F.Germond and C.Wilkin,
 Nucl.Phys. A **518** (1990) 308-316 ([P071\CW071.pdf](#))
72. Interactions of 200 GeV/nucleon ^{16}O and ^{32}S Ions in Nuclear Emulsions. [10]
 G.Baroni, V.Bisi, A.C.Breslin, D.H.Davis, S.Di Liberto, G.Grella, P.Giubellino, K.Hoshino, M.Kazuno, K.Kodama, Y.Maeda, A.Marzari-Chiesa, M.A.Mazzoni, F.Meddi, M.T.Muciaccia, K.Niu, D.L.Ramello, L.Riccati, G.Romano, G.Rosa, C.Sgarbi, H.Shibuya, S.Simone, D.N.Tovee, T.Virgili, C.Wilkin, and S.Yuen
 Nucl.Phys. A **531** (1991) 691-708 ([P072\CW072.pdf](#))
73. Deuteron Analysing Powers in the Charge Exchange Reaction $d\uparrow p \rightarrow (pp)n$ [16]
 J.Carbonell, M.B.Barbaro, and C.Wilkin
 Nucl.Phys. A **529** (1991) 653-674 ([P073\CW073.pdf](#))
74. The $^1H(d,2p)n$ Reaction as Basis for a Deuteron Tensor Polarimeter at Intermediate Energies [4]
 S.Kox, C.Perrin, J.Arview, J.P.Boquet, A.Boudard, J.Carbonell, G.Gaillard, M.Garçon, L.Ghedira, G.Guillaume, F.Merchez, T.Motobayashi, D.Rebreyend, C.Wilkin, and J.Yonnet
 Phys.Lett. B **266** (1991) 265-268 ([P074\CW074.pdf](#))
75. The Electromagnetic and Hadronic Diffractive Dissociation of ^{16}O Ions. [3]
 G.Baroni, V.Bisi, A.C.Breslin, D.H.Davis, S.Di Liberto, G.Grella, K.Hoshino, M.Kazuno, K.Kodame, A.Marzari-Chiesa, M.A.Mazzoni, F.Meddi, M.T.Muciaccia, K.Niu, L.Ramello, G.Romano, G.Rosa, M.S.Sartori, C.Sgarbi, H.Shibuya, S.Simone, D.N.Tovee, N.Ushida, T.Virgili, C.Wilkin, and S.K.C.Yuen
 Nucl.Phys. A **540** (1992) 646-658 ([P075\CW075.pdf](#))
76. The η -Meson Mass. [27]
 F.Plouin, P.Fleury, D.Bachelier, R.Beurtey, M.Boivin, A.Boudard, J.L.Boyard, W.Briscoe, T.Hennino, R.Kessler, B.Mayer, G.Milleret, A.Moalem, A.Nakach, B.M.Nefkens, C.Pillai, C.Whitten, and C.Wilkin
 Phys.Lett. B **276** (1992) 526-530 ([P076\CW076.pdf](#))
77. An Analysis of η -Production via the $p^6Li \rightarrow \eta^7Be$ Reaction. [4]
 J.S.Al-Khalili, M.B.Barbaro, and C.Wilkin
 J.Phys. G **19** (1993) 403-415 ([P077\CW077.pdf](#))

78. Near-Threshold Production of η -Mesons. [62]
 C.Wilkin
 Phys.Rev. C **47** (1993) R938-940 ([P078\CW078.PDF](#))
79. Cross Section and Deuteron Analysing Powers of the $^1\text{H}(\text{d}, 2\text{p})\text{n}$ Reaction at 200 and 350 MeV. [28]
 S.Kox, C.Perrin, J.Arview, J.P.Boquet, A.Boudard, J.Carbonell, G.Gaillard, M.Garçon, L.Ghedira, G.Guillaume, F.Merchez, T.Motobayashi, D.Rebreyend, C.Wilkin, and J.Yonnet
 Nucl.Phys. A **556** (1993) 621-640 ([P079\CW079.pdf](#))
80. Charge Symmetry Breaking in the $\text{dd} \rightarrow \alpha\pi^0$ Reaction. [12]
 C.Wilkin
 Phys.Lett. B **331** (1994) 276-279 ([P080\CW080.pdf](#))
81. η -Meson Production in pd and pp Collisions. [48]
 E.Chiavassa, G.Dellacasa, N.de Marco, C.de Oliveira Martins, M.Gallio, P.Guaita, A.Musso, A.Piccotti, E.Scomparin, E.Vercellin, J.M.Durand, G.Milleret, and C.Wilkin
 Phys.Lett. B **337** (1994) 192-195 ([P081\CW081.pdf](#))
82. Near-Threshold Production of ω Mesons in the $\text{pd} \rightarrow ^3\text{He} \omega$ Reaction. [20]
 R.Wurzinger, R.Siebert, J.Bisplinghoff, M.-A.Duval, J.Ernst, R.Frascaria, F.Hinterberger, M.Al Jaghoub, R.Jahn, R.Joosten, A.Kozela, C.Lippert, T.von Oepen, F.Plouin, F.Roudot, W.Spang, E.Warde, and C.Wilkin
 Phys.Rev. C **51** (1995) R443-446 ([P082\CW082.PDF](#))
83. The Reaction $\text{pd} \rightarrow ^3\text{He} \eta$ near Threshold. [47]
 G.Fäldt and C.Wilkin
 Nucl.Phys. A **587** (1995) 769-786 ([P083\CW083.PDF](#))
84. Threshold Production of Heavy Mesons in the $\text{pd} \rightarrow ^3\text{He} X^0$ Reaction. [20]
 G.Fäldt and C.Wilkin
 Phys.Lett. B **354** (1995) 20-23 ([P084\CW084.PDF](#))
85. The $\text{dd} \rightarrow ^4\text{He} \eta$ Reaction near Threshold. [8]
 G.Fäldt and C.Wilkin
 Nucl.Phys. A **596** (1996) 488-502 ([P085\CW085.PDF](#))
86. A Comparison of $\text{np} \rightarrow \text{d}\eta$ and $\text{np} \rightarrow \text{np}\eta$ Production Rates. [16]
 G.Fäldt and C.Wilkin
 Nucl.Phys. A **604** (1996) 441-454 ([P086\CW086.PDF](#))
87. Bound State and Continuum Production in Large Momentum Transfer Reactions [52]
 G.Fäldt and C.Wilkin
 Phys.Lett. B **382** (1996) 209-213 ([P087\CW087.PDF](#))

88. The reaction $d\uparrow p \rightarrow {}^3He \pi^0$ near threshold. [23]
 V.N.Nikulin, A.Boudard, M.Clajus, B.Fabro, M.Garçon, R.S.Kessler, L.K.Lytkin, B.Mayer, B.M.K.Nefkens, F.Plouin, J.Poitou, E.Tomasi-Gustafsson, W.T.H.van Oers, D.White, and C.Wilkin
Phys.Rev. C **54** (1996) 1732-1740 ([P088\CW088.PDF](#))
89. Triplet np Final State Interactions at Large Momentum Transfers. [14]
 A.Boudard, G.Fäldt, and C.Wilkin
Phys.Lett. B **389** (1996) 440-444 ([P089\CW089.PDF](#))
90. Comparison of the Near-Threshold Production of η and K-Mesons in Proton-Proton Collisions. [47]
 G.Fäldt and C.Wilkin
Z.Phys. A **357** (1997) 241-3 ([P090\CW090.PDF](#))
91. η -Helium Quasi-Bound States. [37]
 N.Willis, Y.Le Borne, A.Zghiche, R.Wurzinger, O.Bing, M.Boivin, P.Courtat, R.Gacougnolle, F.Hibou, J.M.Martin, F.Plouin, B.Tatischeff, J.Yonnet, and C.Wilkin
Phys.Lett. B **406** (1997) 14-19 ([P091\CW091.PDF](#))
92. Semiempirical approach to positron annihilation in molecules [41]
 G.Laricchia and C.Wilkin
Phys.Rev.Lett. **79** (1997) 2241-2244 ([P092\CW092.PDF](#))
93. Cross section and analyzing power of $p\uparrow p \rightarrow pn \pi^+$ near threshold. [18]
 G.Fäldt and C.Wilkin,
Phys.Rev. C **56** (1997) 2067-75 ([P093\CW093.PDF](#))
94. Scattering Wave Functions at Bound State Poles. [19]
 G.Fäldt and C.Wilkin,
Physica Scripta **56** (1997) 566-570 ([P094\CW094.pdf](#))
95. An explanation of the ABC enhancement in the $dd \rightarrow \alpha X$ reaction at intermediate energies. [11]
 A.Gårdsgård, G.Fäldt, and C.Wilkin
Phys.Lett. B **421** (1998) 41-45 ([P095\CW095.PDF](#))
96. Low-Energy Λ -p Scattering Parameters from the $pp \rightarrow pK^+\Lambda$ Reaction. [37]
 J.T.Balewski, A.Budzanowski, C.Goodman, D.Grzonka, M.Hofmann, L.Jarczyk, A.Khoukaz, K.Kilian, T.Lister, P.Moskal, W.Oelert, I.A.Pellmann, C.Quentmeier, R.Santo, G.Schepers, T.Sefzick, S.Sewerin, J.Smyrski, A.Strzałkowski, C.Thomas, C.Wilkin, M.Wolke, P.Wüstner, and D.Wyrwa
Eur. Phys. J. A **2** (1998) 99-104 ([P096\CW096.PDF](#))
97. Bound and Unbound Wave Functions at Short Distances. [6]
 G.Fäldt and C.Wilkin
Am.J.Phys. **66** (1998) 876-881 ([P097\CW097.pdf](#))
98. On the annihilation of positrons in binary encounters with molecules. [11]
 G.Laricchia and C.Wilkin
Nucl.Inst.Meth. B **143** (1998) 135-139 ([P098\CW098.PDF](#))

99. Pionic D-Wave Effects in $pp \rightarrow pp \pi^0$ near Threshold. [28]
 J.Złomańczuk, R.Bilger, W.Brodowski, H.Calén, H.Clement, J.Dyring, C.Ekström, G.Fäldt, K.Fransson, L.Gustafsson, S.Häggström, B.Höistad, A.Johansson, T.Johansson, K.Kilian, S.Kullander, A.Kupsc, P.Marciniewski, B.Morosov, A.Mörtsell, W.Oelert, R.J.M.Y.Ruber, U.Schuberth, B.Shwartz, J.Stepaniak, A.Sukhanov, A.Turowiecki, G.J.Wagner, C.Wilkin, Z.Wilhelmi, J.Zabierowski, and A.Zernov
 Phys.Lett. B **436** (1998) 251-256 ([P099\CW099.PDF](#))
100. Comparison of η and η' production in the $pp \rightarrow pp \eta(\eta')$ reactions near threshold. [85]
 F.Hibou, O.Bing, M.Boivin, P.Courtat, G.Fäldt, R.Gacougnolle, Y.Le Bornec, J.M.Martin, A.Moalem, F.Plouin, A.Taleb, B.Tatischeff, C.Wilkin, N.Willis, and R.Wurzinger
 Phys.Lett. B **438** (1998) 41-46 ([P100\CW100.PDF](#))
101. Study of the ABC enhancement in the $d\uparrow d \rightarrow \alpha X^0$ reaction. [10]
 R.Wurzinger, O.Bing, M.Boivin, P.Courtat, G.Fäldt, R.Gacougnolle, A.Gårdestig, F.Hibou, Y.Le Bornec, J.M.Martin, F.Plouin, B.Tatischeff, C.Wilkin, N.Willis, J.Yonnet, and A.Zghiche
 Phys.Lett. B **445** (1999) 423-427 ([P101\CW101.PDF](#))
102. Structure in two-pion production in the $dd \rightarrow \alpha X$ reaction. [13]
 Anders Gårdestig, Göran Fäldt, and Colin Wilkin
 Phys.Rev. C **59** (1999) 2608-2618 ([P102\CW102.PDF](#))
103. Higher Partial Waves in $pp \rightarrow pp\eta$ near Threshold [48]
 H.Calén, J.Dyring, G.Fäldt, K.Fransson, L.Gustafsson, S.Häggström, B.Höistad, J.Johanson, A.Johansson, T.Johansson, S.Kullander, A.Mörtsell, R.Ruber, J.Złomańczuk, C.Ekström, K.Kilian, W.Oelert, T.Sefzicky, R.Bilger, W.Brodowski, H.Clement, G.J.Wagner, A.Bondar, A.Kuzmin, B.Shwartz, V.Sidorov, A.Sukhanov, V.Dunin, B.Morosov, A.Povtorejko, A.Sukhanov, A.Zernov, A.Kupsc, P.Marciniewski, J.Stepaniak, J.Zabierowski, A.Turowiecki, Z.Wilhelmi, and C.Wilkin
 Phys.Lett. B **458** (1999) 190-196 ([P103\CW103.PDF](#))
104. Near-Threshold Production of ω Mesons in the $pp \rightarrow pp\omega$ Reaction. [45]
 F.Hibou, O.Bing, M.Boivin, P.Courtat, R.Gacougnolle, Y.Le Bornec, J.M.Martin, F.Plouin, B.Tatischeff, C.Wilkin, N.Willis, and R.Wurzinger
 Phys.Rev.Lett. **83** (1999) 492-495 ([P104\CW104.PDF](#))
105. Comparison of Λ and Σ^0 threshold production in proton-proton collisions. [75]
 S.Sewerin, G.Schepers, J.T.Balewski, A.Budzanowski, W.Eyrich, M.Fritsch, C.Goodman, D.Grzonka, J.Haidenbauer, C.Hanhart, M.Hofmann, L.Jarczyk, M.Jochmann, A.Khoukaz, K.Kilian, M.Köhler, T.Lister, P.Moskal, W.Oelert, I.Pellmann, C.Quentmeier, R.Santos, U.Seddik, T.Sefzick, J.Smyrski, F.Stinzing, A.Strzałkowski, C.Wilkin, M.Wolke, P.Wüstner, and D.Wyrwa
 Phys.Rev.Lett. **83** (1999) 682-685 ([P105\CW105.PDF](#))

106. P-wave dominance in the pd \rightarrow ${}^3\text{He}$ $\pi^+\pi^-$ reaction near threshold. [10]
 F.Belleman, A.Berg, J.Bisplinghoff, G.Bohlscheid, J.Ernst, C.Henrich, F.Hinterberger,
 R.Ibald, R.Jahn, L.Jarczyk, R.Joosten, A.Kozela, H.Machner, A.Magiera, R.Maschuw,
 T.Mayer-Kuckuk, G.Mertler, J.Munkel, P.von Neumann-Cosel, D.Rosendaal, P.von Rossen,
 H.Schnitker, K.Scho, J.Smyrski, A.Strzałkowski, R.Tölle, and C.Wilkin
Phys.Rev. C **60** (1999) 061002-1/4 ([P106\CW106.PDF](#))
107. Has charge symmetry breaking been observed in the dd \rightarrow $\alpha\pi^0$ reaction? [7]
 D.Dobrokhotov, G.Fäldt, A.Gårddestig, and C.Wilkin
Phys.Rev.Lett. **83** (1999) 5246-5249 ([P107\CW107.PDF](#))
108. Near-threshold η production in the pd \rightarrow pd η reaction. [10]
 F.Hibou, C.Wilkin, A.M.Bergdolt, G.Bergdolt, O.Bing, M.Boivin, A.Bouchakour,
 F.Brochard, M.P.Combes-Comets, P.Courtat, R.Gacougnolle, Y.Le Bornec, A.Moalem,
 F.Plouin, F.Reide, B.Tatischeff, and N.Willis
Eur. Phys. J. A **7** (2000) 537-541. ([P108\CW108.PDF](#))
109. Pion production in the d ${}^4\text{He}$ \rightarrow ${}^6\text{Li}^*\pi^0$ reaction near threshold. [0]
 Göran Fäldt and Colin Wilkin
Phys.Lett. B **486** (2000) 67-70. ([P109\CW109.PDF](#))
110. The Quantum Probability Equation: I - Bound State Perturbation Theory. [6]
 Geoffrey C.Milward and Colin Wilkin
J. Phys. A **33** (2000) 7353-7362. ([P110\CW110.PDF](#))
111. Production of isoscalar pion pairs in the pd \rightarrow ${}^3\text{He}$ $\pi\pi$ reaction near threshold [1]
 Göran Fäldt, Anders Gårddestig, and Colin Wilkin
Phys. Lett. B **496** (2000) 185-189 ([P111\CW111.PDF](#))
112. Spectator tagging in quasi-free proton-neutron interactions in deuterium using an internal gas-jet target at a storage ring. [19]
 R.Bilger, W.Brodowski, H.Calén, H.Clement, V.Dunin, J.Dyring, C.Ekström, K.Fransson,
 J.Greiff, L.Gustafsson, S.Häggström, B.Höistad, J.Johanson, A.Johansson, T.Johansson,
 A.Khoukaz, K.Kilian, I.Koch, S.Kullander, A.Kupsc, P.Marciniewski, B.Morosov,
 T.Neubauer, W.Oelert, R.J.M.Y.Ruber, B.Shwartz, J.Stepaniak, A.Sukhanov, P.Sundberg,
 A.Turowiecki, G.J.Wagner, Z.Wilhelmi, C.Wilkin, J.Zabierowski, A.Zernov, and
 J.Złomańczuk
Nucl.Inst.Meth. A **457** (2001) 64-74. ([P112\CW112.PDF](#))
113. Cross Sections of the pp \rightarrow pp π^0 Reaction between 310 and 425 MeV [23]
 R.Bilger, W.Brodowski, H.Calén, H.Clement, J.Dyring, C.Ekström, G.Fäldt, K.Fransson,
 L.Gustafsson, B.Höistad, J.Johanson, A.Johansson, T.Johansson, K.Kilian, S.Kullander,
 A.Kupsc, P.Marciniewski, B.Morosov, W.Oelert, R.J.M.Y.Ruber, P.Sundberg, B.Shwartz,
 J.Stepaniak, A.Sukhanov, P.Thörngren-Engblom, A.Turowiecki, G.J.Wagner, Z.Wilhelmi,
 C.Wilkin, J.Zabierowski, and J.Złomańczuk
Nucl. Phys. A **663** (2001) 633-662. ([P113\CW113.PDF](#))
114. The Quantum Probability Equation: II - Scattering State Perturbation Theory. [6]
 Geoffrey C.Milward and Colin Wilkin
J. Phys. A **34** (2001) 5101-5110 ([P114\CW114.PDF](#))

115. Measurement of the $pd \rightarrow {}^3He \eta$ cross section between 930 and 1100 MeV. [26]
 R.Bilger, W.Brodowski, H.Calén, H.Clement, J.Dyring, C.Ekström, G.Fäldt, K.Fransson, L.Gustafsson, S.Häggström, B.Höistad, A.Johansson, T.Johansson, K.Kilian, S.Kullander, A.Kupsc, G.Kurz, P.Marciniewski, B.Morosov, A.Mörtsell, W.Oelert, D.Reistad, V.Renken, R.J.M.Y.Ruber, B.Shwartz, J.Stepaniak, A.Sukhanov, A.Turowiecki, G.J.Wagner, Z.Wilhelmi, C.Wilkin, J.Zabierowski, A.Zernov, and J.Złomańczuk
Phys. Rev. C **65** (2002) 044608-1/6 ([P115\CW115.PDF](#))
116. Model-independent analysis of neutron-proton final-state interaction effects in the $pp \rightarrow pn\pi^+$ reaction. [6]
 Yuri N. Uzikov and Colin Wilkin
Phys. Lett. B **511** (2001) 191-195 ([P116\CW116.PDF](#))
117. The production of η -mesons in nucleon-nucleon collisions near threshold. [43]
 G.Fäldt and C.Wilkin
Physica Scripta **64** (2001) 427-438 ([P117\CW117.PDF](#))
118. Forward K^+ -production in subthreshold pA collisions at 1.0 GeV. [21]
 V.Koptev, M.Büscher, H.Junghans, M.Nekipelov, K.Sistemich, H.Ströher, V.Abaev, R.Baldauf, S.Barsov, U.Bechstedt, N.Bongers, G.Borchert, W.Borgs, W.Bräutigam, W.Cassing, V.Chernyshev, B.Chiladze, M.Debowski, J.Dietrich, M.Drochner, S.Dymov, J.Ernst, W.Erven, R.Esser, P.Fedorets, A.Franzen, D.Gotta, T.Grande, D.Grzonka, G.Hansen, M.Hartmann, V.Hejny, L.v.Horn, L.Jarczyk, A.Kacharava, B.Kamys, A.Khoukaz, T.Kirchner, F.Klehr, H.R.Koch, V.Komarov, S.Kopyto, R.Krause, P.Kravtsov, V.Kruglov, P.Kulessa, A.Kulikov, V.Kurbanov, N.Lang, N.Langenhagen, I.Lehmann, A.Lepges, J.Ley, B.Lorentz, G.Macharashvili, R.Maier, S.Martin, K.Meyer, S.Merzliakov, S.Mikirtychians, H.Müller, P.Munhofen, A.Mussgiller, V.Nelyubin, M.Nioradze, H.Ohm, A.Petrus, D.Prasuhn, B.Prietzschk, H.J.Probst, D.Protic, K.Pysz, F.Rathmann, B.Rimarzig, Z.Rudy, R.Santo, H.Paetz gen.Schieck, R.Schleichert, A.Schneider, Chr.Schneider, H.Schneider, G.Schug, O.W.B.Schult, H.Seyfarth, A.Sibirtsev, H.Stechemesser, E.Steffens, H.J.Stein, A.Strzalkowski, K.-H.Watzlawik, C.Wilkin, P.Wüstner, S.Yashenko, B.Zalikhanov, N.Zhuravlev, P.Zolnierczuk, K.Zwoll, and I.Zychor
Phys.Rev.Lett. **87** (2001) 022301-1/4 ([P118\CW118.PDF](#))
119. Spin-triplet final-state dominance in the $pp \rightarrow pn\pi^+$ reaction at 492MeV. [6]
 V.Abaev, M.Büscher, S.Dymov, M.Hartmann, A.Kacharava, V.I.Komarov, V.Koptev, V.Kurbanov, S.Mikirtychians, M.Nekipelov, A.Petrus, R.Schleichert, H.Ströher, Yu.N.Uzikov, C.Wilkin, and S.Yaschenko
Phys.Lett. B **521** (2001) 158-164. ([P119\CW119.PDF](#))
120. Near-threshold production of η and η' mesons in pp and pd collisions. [16]
 G.Fäldt, T.Johansson, and C.Wilkin
Physica Scripta **T99** (2002) 146-158. ([P120\CW120.PDF](#))
121. Evidence of Coulomb and kaon nuclear potential effects on soft K^+ production from nuclei. [21]
 M.Nekipelov, M.Büscher, W.Cassing, M.Hartmann, V.Hejny, V.Kleber, H.R.Koch, V.Koptev, Y.Maeda, R.Maier, S.Merzliakov, S.Mikirtychians, H.Ohm, A.Petrus, D.Prasuhn, F.Rathmann, Z.Rudy, R.Schleichert, H.Schneider, K.Sistemich, H.J.Stein, H.Ströher, K.-H.Watzlawik, and C.Wilkin
Phys.Lett. B **540** (2002) 207-212. ([P121\CW121.PDF](#))

122. Near-threshold production of ω mesons in the $p\bar{n} \rightarrow d\omega$ reaction. [13]
 S.Barsov, I.Lehmann, R.Schleichert, M.Büscher, S.Dymov, Ye.Golubeva, M.Hartmann, V.Hejny, A.Kacharava, I.Keshelashvili, A.Khoukaz, V.Komarov, L.Kondratyuk, N.Lang, G.Macharashvili, T.Mersmann, S.Merzliakov, A.Mussgiller, M.Nioradze, A.Petrus, H.Ströher, Y.Uzikov, C.Wilkin, and B.Zalikhanov
Eur. Phys. J. A **21** (2004) 521-527 ([P122\CW122.PDF](#))
123. Measurement of the $p\bar{d} \rightarrow p\bar{d} \eta$ cross section in complete kinematics [6]
 R.Bilger, W.Brodowski, H.Calén, H.Clement, J.Dyring, C.Ekström, G.Fäldt, K.Fransson, L.Gustafsson, S.Häggström, B.Höistad, A.Johansson, T.Johansson, K.Kilian, S.Kullander, A.Kupsc, G.Kurz, P.Marciniewski, B.Morosov, A.Mörtsell, W.Oelert, D.Reistad, V.Renken, R.J.M.Y.Ruber, B.Shwartz, J.Stepaniak, A.Sukhanov, A.Turowiecki, G.J.Wagner, Z.Wilhelmi, C.Wilkin, J.Zabierowski, A.Zernov, and J.Złomańczuk
Physical Review C **69** (2004) 014003-1/7 ([P123\CW123.PDF](#))
124. The quantum probability equation: III – Perturbing in the energy [0]
 Geoffrey C. Milward and Colin Wilkin
J. Phys. A **37** (2004) 989-996 ([P124\CW124.PDF](#))
125. Eikonal corrections for the scattering of spin-one particles [0]
 M.W.Gaber, J. Al-Khalili, and C.Wilkin
Eur. Phys. J. A **21** (2004) 185–192 ([P125\CW125.PDF](#))
126. Spectator Detection for the Measurement of Proton-Neutron Interactions at ANKE [10]
 I.Lehmann, S.Barsov, R.Schleichert, M.Drochner, M.Hartmann, V.Hejney, S.Merzliakov, S.Mikirtychiants, A.Mussgiller, D.Protic, H.Ströher, S.Trusov, C.Wilkin, and P.Wüstner
Nucl.Inst.Meth. A **530** (2004) 275-285 ([P126\CW126.PDF](#))
127. Spin and Isospin Effects in the $NN \rightarrow N\Lambda$ Reaction Near Threshold [0]
 G.Fäldt and C.Wilkin
Eur. Phys. J. A **24** (2005) 431-436 ([P127\CW127.pdf](#))
128. Detailed comparison of the $pp \rightarrow \pi^+pn$ and $pp \rightarrow \pi^+d$ reactions at 951 MeV [4]
 M.Abdel-Bary, A.Budzanowski, A.Chatterjee, J.Ernst, P.Hawranek, F.Hinterberger, V.Jha, K.Kilian, S.Kliczewski, D.Kirillov, D.Kolev, M.Kravcikova, T.Kutsarova, M.Lesiak, J.Lieb, H.Machner, A.Magiera, R.Maier, G.Martinska, S.Nedev, J.Niskanen, N.Piskunov, D.Prasuhn, D.Protic, P.von Rossen, B.J.Roy, I.Sitnik, R.Siudak, M.Smiechowicz, R.Tsenov, M.Ulicny, J.Urbán, G.Vankova, and C.Wilkin
Phys. Lett. B **610** (2005) 31–36 ([P128\CW128.pdf](#))
129. A precision determination of the mass of the η meson [22]
 M.Abdel-Bary, A.Budzanowski, A.Chatterjee, J.Ernst, P.Hawranek, R.Jahn, V.Jha, K.Kilian, S.Kliczewski, D.Kirillov, D.Kolev, M.Kravcikova, T.Kutsarova, M.Lesiak, J.Lieb, H.Machner, A.Magiera, R.Maier, G.Martinska, S.Nedev, N.Piskunov, D.Prasuhn, D.Protic, P.von Rossen, B.J.Roy, I.Sitnik, R.Siudak, M.Smiechowicz, H.J.Stein, R.Tsenov, M.Ulicny, J.Urbán, G.Vankova, and C.Wilkin
Phys. Lett. B **619** (2005) 281-287 ([P129\CW129.pdf](#))

130. Theoretical Description of the $pd \rightarrow pd\eta$ Reaction Near Threshold [3]
 U.Tengblad, G.Fäldt, and C.Wilkin
 Eur. Phys. J. A **25** (2005) 267-273 ([P130\CW130.pdf](#))
131. Near threshold η meson production in the $dd \rightarrow {}^4He\eta$ reaction [5]
 A.Wrońska, V.Hejny, C.Wilkin, S.Dymov, C.Hanhart, V.Komarov, H.R.Koch,
 A.Kulikov, A.Magiera, T.Mersmann, S.Mikirtychians, H.Ohm, D.Prasuhn,
 R.Schleichert, H.J.Stein, and H.Ströher
 Eur. Phys. J. A **26** (2005) 421-428 ([P131\CW131.pdf](#))
132. Evidence for an Excited Hyperon State in $pp \rightarrow pK^+Y^{0*}$ [11]
 I.Zychor, V.Koptev, M.Büscher, M.Hartmann, I.Keshelashvili, V.Kleber, R.Koch, S.Krewald,
 Y.Maeda, S.Mikirtichyants, M.Nekipelov, H.Ströher, and C.Wilkin,
 Phys. Rev. Lett. **96** (2006) 012002-1/4 ([P132\CW132.pdf](#))
133. The $pd \rightarrow pd\eta$ reaction near threshold [1]
 C.Wilkin, U.Tengblad and G.Fäldt,
 Acta Physica Slovaca **56** (2006) 205-211 ([P133\CW133.pdf](#))
134. Determination of Deuteron Beam Polarisations at COSY [9]
 D.Chiladze, A.Kacharava, F.Rathmann, C.Wilkin, S.Barsov, J.Carbonell, S.Dymov, R.Engels,
 P.D.Eversheim, O.Felden, R.Gebel, V.Glagolev, K.Grigoiev, D.Gusev, M.Hartmann,
 F.Hinterberger, V.Hejny, A.Khoukaz, I.Keshelashvili, H.R.Koch, V.Komarov, P.Kulessa,
 A.Kulikov, A.Lehrach, B.Lorentz, G.Macharashvili, R.Maier, Y.Maeda, R.Menke,
 T.Mersmann, S.Merzliakov, M.Mikirtychians, S.Mikirtychians, A.Mussgiller, M.Nioradze,
 H.Ohm, D.Prasuhn, H.Rohdjeß, R.Schleichert, H.Seyfarth, E.Steffens, H.J.Stein, H.Ströher,
 S.Trusov, K.Ulbrich, Yu.Uzikov, A.Wronska, and S.Yaschenko
 Phys. Rev. ST Accel. Beams **9** (2006) 050101-1/13 ([P134\CW134.pdf](#))
135. Production of the 1S_0 diproton in the $pp \rightarrow pp\pi^0$ reaction at 0.8 GeV [6]
 S.Dymov, D.Gusev, M.Hartmann, V.Hejny, A.Kacharava, A.Khoukaz, V.Komarov,
 P.Kulessa, A.Kulikov, V.Kurbanov, N.Lang, G.Macharashvili, T.Mersmann, S.Merzliakov,
 S.Mikirtychians, A.Mussgiller, D.Prasuhn, F.Rathmann, R.Schleichert, H.Ströher,
 Yu.Uzikov, C.Wilkin, and S. Yaschenko
 Phys. Lett. B **635** (2006) 270-274 ([P135\CW135.pdf](#))
136. Vector and tensor analysing powers in deuteron-proton break-up reactions at intermediate Energies [3]
 D.Chiladze, J.Carbonell, S.Dymov, V.Glagolev, M.Hartmann, V.Hejny, A.Kacharava,
 I.Keshelashvili, A.Khoukaz, H.R.Koch, V.Komarov, P.Kulessa, A.Kulikov, G.Macharashvili,
 Y.Maeda, T.Mersmann, S.Merzliakov, S.Mikirtychians, A.Mussgiller, M.Nioradze, H.Ohm,
 F.Rathmann, R.Schleichert, H.J.Stein, H.Ströher, Yu.Uzikov, S.Yaschenko, and C.Wilkin.
 Phys. Lett. B **637** (2006) 170-175 ([P136\CW136.pdf](#))
137. Two-pion production in deuteron-deuteron collisions at low energies [0]
 G.Fäldt, U.Tengblad, and C.Wilkin
 Eur. Phys. J. A **28** (2006) 245-249 ([P137\CW137.pdf](#))

138. Precision measurement of the quasi-free $\text{pn} \rightarrow \text{d}\phi$ reaction close to threshold [7]
 Y.Maeda, M.Hartmann, I.Keshelashvili, S.Barsov, M.Büscher, A.Dzyuba, S.Dymov,
 V.Hejny, A.Kacharava, V.Kleber, H.R.Koch, V.Koptev, P.Kulessa, T.Mersmann,
 S.Mikirtychians, A.Mussgiller, M.Nekipelov, H.Ohm, R.Schleichert, H.J.Stein, H.Ströher,
 Yu.Valdau, K.-H.Watzlawik, C.Wilkin, and P.Wüstner.
Phys. Rev. Lett. **97** (2006) 142301-1/4 ([P138\CW138.pdf](#))
139. Study of ω -meson production in pp collisions at ANKE [5]
 S.Barsov, M.Büscher, M.Hartmann, V.Hejny, A.Kacharava, I.Keshelashvili,
 A.Khoukaz, V.Koptev, P.Kulessa, A.Kulikov, I.Lehmann, V.Leontyev, G.Macharashvili,
 Y.Maeda, T.Mersmann, S.Merzliakov, S.Mikirtychyants, A.Mussgiller, D.Oellers, H.Ohm,
 F.Rathmann, R.Schleichert, H.Seyfarth, H.Ströher, S.Trusov, Y.Valdau, P.Wüstner,
 S.Yaschenko, and C.Wilkin.
Eur. Phys. J. A **29** (2007) 95-104 ([P139\CW139.pdf](#))
140. Study of the $\text{pd} \rightarrow {}^3\text{HeK}^+ \text{K}^-$ and $\text{pd} \rightarrow {}^3\text{He} \phi$ reactions close to threshold [2]
 F.Bellemann, A.Berg, J.Bisplinghoff, G.Bohlscheid, J.Ernst, C.Henrich, F.Hinterberger,
 R.Ibald, R.Jahn, R.Joosten, K.Kilian, A.Kozela, H.Machner, A.Magiera, J.Munkel,
 P.von Neumann-Cosel, P.von Rossen, H.Schnitker, K.Scho, J.Smyrski, R.Tölle, and
 C.Wilkin
Phys. Rev. C **75** (2007) 015204-1/8 ([P140\CW140.pdf](#))
141. Dynamics of ${}^1\text{S}_0$ diproton formation in the $\text{pd} \rightarrow \{\text{pp}\}_s \text{n}$ and $\text{pN} \rightarrow \{\text{pp}\}_s \pi$ reactions in the GeV region [1]
 Yu.N.Uzikov, J.Haidenbauer, and C.Wilkin
Phys. Rev. C **75** (2007) 014008-1/10 ([P141\CW141.pdf](#))
142. Differential cross sections and analyzing power of the $\bar{p}p \rightarrow pp\pi^0$ reaction at a beam energy of 390MeV [0]
 Y.Maeda, M.Segawa, T.Ishida, A.Kacharava, M.Nomachi, Y.Shimbara, Y.Sugaya, K.Tamura,
 T.Yagita, K.Yasuda, H.P.Yoshida, and C.Wilkin
Phys. Rev. C **77** (2008) 044004:1-11 ([P142\CW142.pdf](#))
143. Precision study of the $\eta {}^3\text{He}$ system using the $\text{dp} \rightarrow {}^3\text{He} \eta$ reaction [9]
 T.Mersmann, A.Khoukaz, M.Büscher, D.Chiladze, S.Dymov, M.Hartmann, V.Hejny,
 A.Kacharava, I.Keshelashvili, P.Kulessa, Y.Maeda, M.Mielke, S.Mikirtychians, H.Ohm,
 M.Papenbrock, D.Prasuhn, F.Rathmann, T.Rausmann, R.Schleichert, V.Serdyuk, H.-J.Stein,
 H.Ströher, A.Täschner, Yu.Valdau, C.Wilkin, and A.Wrońska
Phys. Rev. Lett. **98** (2007) 242301-1/4 ([P143\CW143.pdf](#))
144. The $\text{pp} \rightarrow \text{K}^+ \text{n} \Sigma^+$ reaction near threshold [2]
 Yu.Valdau, V.Koptev, S.Barsov, M.Büscher, S.Dymov, M.Hartmann, A.Kacharava,
 S.Merzliakov, S.Mikirtychyants, A.Mussgiller, M.Nekipelov, R.Schleichert, H.Ströher, and
 C.Wilkin
Phys. Lett. B **652** (2007) 245–249 ([P144\CW144.pdf](#))

145. Lineshape of the $\Lambda(1405)$ Hyperon Measured Through its $\Sigma\pi^0$ Decay [5]
 I.Zychor, M.Büscher, A.Kacharava, I.Keshelashvili, A.Khoukaz, V.Kleber, V.Koptev,
 Y.Maeda, T.Mersmann, S.Mikirtychians, R.Schleichert, H.Ströher, Yu.Valdau, and C.Wilkin
Phys. Lett. B **660** (2008) 167-171 ([P145\CW145.pdf](#))
146. Is there an $\eta^3\text{He}$ quasi-bound state? [1]
 C.Wilkin, M.Büscher, D.Chiladze, S.Dymov, C.Hanhart, M.Hartmann, V.Hejny,
 A.Kacharava, I.Keshelashvili, A.Khoukaz, Y.Maeda, T.Mersmann, M.Mielke,
 S.Mikirtychians, M.Papenbrock, F.Rathmann, T.Rausmann, R.Schleichert,
 H.Ströher, A.Täschner, Yu.Valdau, and A.Wrońska
Phys. Lett. B **654** (2007) 92–96 ([P146\CW146.pdf](#))
147. Kaon Pair Production in Proton–Proton Collisions [1]
 Y.Maeda, M.Hartmann, I.Keshelashvili, S.Barsov, M.Büscher, A.Dzyuba, S.Dymov,
 V.Hejny, A.Kacharava, V.Kleber, H.R.Koch, V.Koptev, P.Kulessa, T.Mersmann,
 S.Mikirtychians, A.Mussgiller, M.Nekipelov, H.Ohm, R.Schleichert, H.J.Stein, H.Ströher,
 Yu.Valdau, K.-H.Watzlawik, C.Wilkin, and P.Wüstner.
Phys. Rev. C **77** (2008) 015204-1/11 ([P147\CW147.pdf](#))
148. Energy dependence of forward ${}^1\text{S}_0$ diproton production in the $\text{pp} \rightarrow \text{pp}\pi^0$ reaction [1]
 V.Kurbatov, M.Büscher, S.Dymov, D.Gusev, M.Hartmann, A.Kacharava, A.Khoukaz,
 V.Komarov, A.Kulikov, G.Macharashvili, T.Mersmann, S.Merzliakov, S.Mikirtychians,
 D.Prasuhn, F.Rathmann, R.Schleichert, H.Ströher, D.Tsirkov, Yu.Uzikov, C.Wilkin, and
 S.Yaschenko
Phys. Lett. B **661** (2008) 22–27 ([P148\CW148.pdf](#))
149. Determination of target thickness and luminosity from beam energy losses [0]
 H.J.Stein, M.Hartmann, I.Keshelashvili, Y.Maeda, C.Wilkin, S.Dymov, A.Kacharava,
 A.Khoukaz, B.Lorentz, R.Maier, T.Mersmann, S.Mikirtychians, D.Prasuhn, R.Stassen,
 H.Stockhorst, H.Ströher, Yu.Valdau, and P.Wüstner
Phys. Rev. ST Accel. Beams, **11** (2008) 052801-1/11 ([P149\CW149.pdf](#))
150. On the Coupling Constant for $\text{N}^*(1535)\text{N}\rho$ [0]
 Ju-Jun Xie, Colin Wilkin, Bing-Song Zou
Phys. Rev. C **77** (2008) 058202-1/4 ([P150\CW150.pdf](#))
151. Interpretation of $\text{K}^+\overline{\text{K}}^0$ pair production in pp collisions [0]
 A.Dzyuba, M.Büscher, C.Hanhart, V.Kleber, V.Koptev, H.Ströher, and C.Wilkin,
Eur. Phys. J. A **38** (2008) 1– 8 ([P151\CW151.pdf](#))
152. Nucleon charge exchange on the deuteron: A critical review [0]
 François Lehar and Colin Wilkin
Eur. Phys. J. A **37** (2008) 143-149 ([P152\CW152.pdf](#))
153. Observation of inverse diproton photodisintegration at intermediate energies [0]
 V.Komarov, T.Azaryan, D.Chiladze, S.Dymov, M.Hartmann, A.Kacharava, I.Keshelashvili,
 A.Khoukaz, A.Kulikov, V.Kurbatov, G.Macharashvili, S.Merzliakov, S.Mikirtychians,
 M.Papenbrock, M.Nekipelov, F.Rathmann, V.Serdyuk, H.Ströher, D.Tsirkov, Yu.Uzikov, and
 C.Wilkin
Phys. Rev. Lett. **101** (2008) 102501-1/4 ([P153\CW153.pdf](#))

154. Polarisation of the ω meson in the $pd \rightarrow {}^3He \omega$ reaction at 1360 and 1450 MeV [0]
 K.Schönnung, Chr.Bargholtz, M.Bashkanov, M.Berłowski, D.Bogoslawsky, H.Calén,
 F.Capellaro, H.Clement, L.Demirörs, C.Ekström, K.Fransson, L.Gerén, L.Gustafsson,
 B.Höistad, G.Ivanov, M.Jacewicz, E.Jiganov, T.Johansson, S.Keleta, O.Khakimova, I.Koch,
 F.Kren, S.Kullander, A.Kupsc, A.Kuzmin, A.Kuznetsov, K.Lindberg, P.Marciniewski,
 B.Morosov, W.Oelert, C.Pauly, H.Pettersson, Y.Petukhov, A.Povtorejko, R.J.M.Y.Ruber,
 W.Scobel, R.Shafiqullin, B.Shwartz, T.Skorodko, V.Sopov, J.Stepaniak, P.-E.Tegnér,
 P.Thörngren Engblom, V.Tikhomirov, A.Turowiecki, G.J.Wagner, C.Wilkin, M.Wolke,
 A.Yamamoto, J.Zabierowski, I.Zartova, and J.Złomańczuk
Phys. Lett. B **668** (2008) 258-262 ([P154\CW154.pdf](#))
155. Coupled-channel effects in the $pp \rightarrow ppK^+K^-$ reaction [0]
 A.Dzyuba, M.Buescher, M.Hartmann, I.Keshelashvili, V.Koptev, Y.Maeda, A.Sibirtsev,
 H.Ströher, and C.Wilkin
Phys. Lett B **668** (2008) 315-318 ([P155\CW155.pdf](#))
156. The $dp \rightarrow ppn$ reaction as a method to study neutron-proton charge-exchange amplitudes
 D.Chiladze, J.Carbonell, A.Dzyuba, S.Dymov, V.Glagolev, M.Hartmann, A.Kacharava,
 I.Keshelashvili, A.Khoukaz, V.Komarov, P.Kulessa, A.Kulikov, N.Lomidze,
 G.Macharashvili, Y.Maeda, D.Mchedlishvili, T.Mersmann, S.Merzliakov, M.Mielke,
 S.Mikirtychyants, M.Nekipelov, M.Nioradze, H.Ohm, F.Rathmann, H.Ströher M.Tabidze,
 S.Trusov, Yu.Uzikov, Yu.Valdau, and C.Wilkin
 Accepted by EPJA, 6 February 2009 ([P156\CW156.ps](#))
157. Measurement of the $pn \rightarrow dK^+K^-$ total cross section close to threshold
 Y.Maeda, M.Hartmann, I.Keshelashvili, S.Barsov, M.Büscher, A.Dzyuba, S.Dymov,
 V.Hejny, A.Kacharava, V.Kleber, V.Koptev, P.Kulessa, T.Mersmann, S.Mikirtychians,
 A.Mussgiller, M.Nekipelov, H.Ohm, K.Pysz, H.J.Stein, H.Ströher, Yu.Valdau, C.Wilkin, and
 P.Wüstner.
Phys. Rev. C **79** (2009) 018201 ([P157\CW157.pdf](#))
158. Cross Section and Tensor Analysing Power of the $dd \rightarrow \alpha\eta$ Reaction near Threshold
 A.Budzanowski, A.Chatterjee, R.Gebel, P.Hawranek, R.Jahn, V.Jha, K.Kilian, S.Kliczewski,
 Da.Kirillov, Di.Kirillov, D.Kolev, M.Kravcikova, M.Lesiak, J.Lieb, H.Machner, A.Magiera,
 R.Maier, G.Martinska, S.Nedev, N.Piskunov, D.Prasuhn, D.Protic, J.Ritman, P.von Rossen,
 B.J.Roy, I.Sitnik, R.Siudak, R.Tsenov, J.Urban, G.Vankova, and C.Wilkin
Nucl. Phys. A **821** (2009) 193–209 (15 April 2009) ([P158\CW158.pdf](#))
159. Hard bremsstrahlung in the $pp \rightarrow p\gamma\gamma$ reaction
 A.Johansson and C.Wilkin
Phys. Lett. B **673** (2009) 5–8 ([P159\CW159.pdf](#))
160. Coupled-channel effects in kaon pair production
(Presented at the Symposium on Meson Physics, Kraków, Poland, October 1–4, 2008.)
 C.Wilkin
Acta Physica Polonica supplement (in press) ([P160\CW160_proofs.pdf](#))

161. Observation of an ABC effect in proton-proton collisions
 S.Dymov, M.Hartmann, A.Kacharava, A.Khoukaz, V.Komarov, P.Kulessa, A.Kulikov, V.Kurbanov, G.Macharashvili, S.Merzliakov, M.Mielke, S.Mikirtychians, M.Nekipelov, M.Nioradze, H.Ohm, F.Rathmann, H.Ströher, Yu.Uzikov, Yu.Valdau, C.Wilkin, S.Yaschenko, B.Zalikhanov
 Submitted to PRL, 4 February 2009 ([P161\abc9.pdf](#))
162. Exclusive two-pion production in the dd → ${}^4\text{He}$ $\pi\pi$ reaction
 S. Keleta, Chr. Bargholtz, M. Bashkanov, M. Berłowski, D. Bogoslawsky, H. Calén, H. Clement, L. Demirörs, C. Ekström, K. Fransson, L. Gerén, L. Gustafsson, B. Höistad, G. Ivanov, M. Jacewicz, E. Jiganov, T. Johansson, , O. Khakimova, F. Kren, S. Kullander, A. Kupśc, A. Kuzmin, K. Lindberg, P. Marciniewski, B. Morosov, W. Oelert, C. Pauly, H. Petrén, Y. Petukhov, A. Povtorejko, R.J.M.Y. Ruber, K. Schöning, W. Scobel, R. Shafigullin, B. Shwartz, T. Skorodko, V. Sopov, J. Stepaniak, P.-E. Tegnér, P. Thörngren Engblom, V. Tikhomirov, A. Tuowiecki, G.J. Wagner, C. Wilkin, M. Wolke, J. Zabierowski, I. Zartova, and J. Złomańczuk
 Accepted by Nuclear Physics A, 2 April 2009 ([P162\dd--4Hepipi article revised.pdf](#))
163. Production of the ω meson in the pd → ${}^3\text{He}$ ω reaction at 1450 MeV and 1360 MeV
 K. Schöning, Chr. Bargholtz, M. Bashkanov, M. Berłowski, D. Bogoslawsky, H. Calén, H. Clement, L. Demirörs, C. Ekström, K. Fransson, L. Gerén, L. Gustafsson, B. Höistad, G. Ivanov, M. Jacewicz, E. Jiganov, T. Johansson, S. Keleta, O. Khakimova, K.P.Khemchandani, F. Kren, S. Kullander, A. Kupśc, A. Kuzmin, K. Lindberg, P. Marciniewski, B. Morosov, W. Oelert, C. Pauly, H. Petrén, Y. Petukhov, A. Povtorejko, R.J.M.Y. Ruber, W. Scobel, R. Shafigullin, B. Shwartz, T. Skorodko, V. Sopov, J. Stepaniak, P.-E. Tegnér, P. Thörngren Engblom, V. Tikhomirov, A. Tuowiecki, G.J. Wagner, C. Wilkin, M. Wolke, J. Zabierowski, I. Zartova, and J. Złomańczuk
 Accepted by Physical Review C, 31 March 2009 ([P163\omega7.pdf](#))
164. Precision measurements of the $pp \rightarrow \pi^+pn$ and $pp \rightarrow \pi^+d$ reactions: importance of long-range and tensor force effects
 A.Budzanowski, A.Chatterjee, P.Hawranek, R.Jahn, V.Jha, K.Kilian, Da.Kirillov, Di.Kirillov, S.Kliczewski, D.Kolev, M.Kravcikova, M.Lesiak, J.Lieb, H.Machner, A.Magiera, R.Maier, G.Martinska, S.Nedev, J.A.Niskanen, N.Piskunov, D.Protic, J.Ritman, P.von Rossen, B.J.Roy, I.Sitnik, R.Siudak, H.J.Stein, R.Tsenov, J.Urbán, G.Vankova, and C.Wilkin
 Submitted to Physical Review Letters, 30 March 2009 ([P164\Letter_6_submitted.pdf](#))