

Recent Publications

David L. Hornidge

- 23) A. Starostin et al., *Measurement of $3\pi^0$ production on the proton from threshold to 1.4 GeV*, submitted to Phys. Rev. C.
- 22) V.L. Kashevarov et al., *First measurement of the circular beam asymmetry in the $\vec{\gamma}p \rightarrow \pi^0\eta p$ reaction*, Phys. Lett. B **693**, 551 (2010).
- 21) E.F. McNicoll et al., *Experimental study of the $\gamma p \rightarrow \eta p$ reaction with the Crystal Ball detector at the Mainz Microtron (MAMI-C)*, Phys. Rev. C **82**, 035208 (2010).
- 20) S. Schumann et al., *Radiative π^0 photoproduction on protons in the $\Delta^+(1232)$ region*, Eur. Phys. J. A **43**, 269 (2010).
- 19) V.L. Kashevarov et al., *Photoproduction of $\pi^0\eta$ on protons and the $\Delta(1700)D_{33}$ resonance*, Eur. Phys. J. A **42**, 141 (2009).
- 18) M. Karlsson et al., *Measurement of the differential cross section for the two-body photodisintegration of ^3He at $\theta_{\text{LAB}} = 90^\circ$ using tagged photons in the energy range 14–31 MeV*, Phys. Rev. C **80**, 044001 (2009).
- 17) D. Krambrich et al., *Beam-Helicity Asymmetries in Double Pion Photoproduction off the Proton*, Phys. Rev. Lett. **103**, 052002 (2009).
- 16) A. Starostin et al., *Search for the charge conjugation-forbidden decay $\omega \rightarrow \eta\pi^0$* , Phys. Rev. C **79**, 065201 (2009).
- 15) S. Prakhov et al., *Measurement of the slope parameter α for the $\eta \rightarrow 3\pi^0$ decay with the Crystal Ball detector at the Mainz Microtron (MAMI-C)*, Phys. Rev. C **79**, 035204 (2009).
- 14) M. Unverzagt et al., *Determination of the Dalitz plot parameter α for the decay $\eta \rightarrow 3\pi^0$ with the Crystal Ball at MAMI-B*, Eur. Phys. J. A **39**, 169–177 (2009).
- 13) A.V. Sarantsev et al., *New results on the Roper resonance and the P_{11} partial wave*, Phys. Lett. B **659**, 94–100 (2008).
- 12) C.M. Tarbert et al., *Incoherent Neutral Pion Photoproduction on ^{12}C* , Phys. Rev. Lett. **100**, 132301 (2008).
- 11) N.P. Harrington et al., *Experimental study of the halo nucleus ^6He using the $^6\text{Li}(\gamma, \pi^+)^6\text{He}$ reaction*, Phys. Rev. C **75**, 044311 (2008).
- 10) F. Bloch et al., *Double pion photoproduction off of ^{40}Ca* , Eur. Phys. J. A **32**, 219–228 (2007).
- 9) J. Ahrens et al., *Measurement of the π^+ meson polarizabilities via the $\gamma p \rightarrow \gamma\pi^+n$ reaction*, Eur. Phys. J. A. **23**, 113–127 (2005).
- 8) B. Krusche et al., *Photoproduction of π^0 -mesons from nuclei*, Eur. Phys. J. A. **22**, 227–291 (2004).
- 7) M. Pfeiffer et al., *Photoproduction of η -Mesic ^3He* , Phys. Rev. Lett. **92**, 252001 (2004).

- 6) M. Kotulla et al., *Double π^0 photoproduction off the proton at threshold*, Phys. Lett. B. **578**, 63–68 (2004).
- 5) M. Kotulla et al., *The Reaction $\gamma p \rightarrow \pi^0 \gamma' p$ and the Magnetic Dipole Moment of the $\Delta^+(1232)$ Resonance*, Phys. Rev. Lett. **89**, 272001 (2002).
- 4) J. G. Messchendorp et al., *In-Medium Modifications of the $\pi\pi$ Interaction in Photon-Induced Reactions*, Phys. Rev. Lett. **89**, 222302 (2002).
- 3) B. J. Warkentin et al., *Nuclear Compton scattering from ^{12}C and bound-nucleon polarizabilities*, Phys. Rev. C. **64**, 64 (2001).
- 2) N. R. Kolb et al., *Quasifree Compton Scattering from the Deuteron and Nucleon Polarizabilities*, Phys. Rev. Lett. **85**, 1388 (2000).
- 1) D. L. Hornidge et al., *Elastic Compton Scattering from the Deuteron and Nucleon Polarizabilities*, Phys. Rev. Lett. **84**, 2334 (2000).