

Публикации Отдела трековых детекторов за 2016г.

1) Hard Two-Photon Contribution to Elastic Lepton-Proton Scattering: Determined by the OLYMPUS Experiment

B.S. Henderson, L.D. Ice, D. Khanef, C. O'Connor, R. Russell, A. Schmidt, J.C. Bernauer, M. Kohl, N. Akopov, R. Alarcon, O. Ates, A. Avetisyan, R. Beck, S. Belostotski, J. Bessuille, F. Brinker, J.R. Calarco, V. Carassiti, E. Cisbani, G. Ciullo, M. Contalbrigo, R. De Leo, J. Diefenbach, T.W. Donnelly, K. Dow, G. Elbakian, P.D. Eversheim, S. Frullani, Ch. Funke, G. Gavrillov, B. Gläser, N. Görrissen, D.K. Hasell, J. Hauschildt, Ph. Hoffmeister, Y. Holler, E. Ihloff, A. Izotov, R. Kaiser, G. Karyan, J. Kelsey, A. Kiselev, P. Klassen, A. Krivshich, I. Lehmann, P. Lenisa, D. Lenz, S. Lumsden, Y. Ma, F. Maas, H. Marukyan, O. Miklukho, R.G. Milner, A. Movsisyan, M. Murray, Y. Naryshkin, R. Perez Benito, R. Perrino, R.P. Redwine, D. Rodríguez Pineiro, G. Rosner, U. Schneekloth, et al.

arXiv:1611.04685v1 [nucl-ex]

2) The structure effects in polarization and cross section in inelastic $A(p,p')X$ reaction with the ^{40}Ca and ^{12}C nuclei at 1 GeV

O.V. Miklukho, A.Yu. Kisselev, G.M. Amalsky, V.A. Andreev, G.E. Gavrillov, A.A. Izotov, N.G. Kozlenko, P.V. Kravchenko, M.P. Levchenko, D.V. Novinskiy, A.N. Prokofiev, A.V. Shvedchikov, S.I. Trush, A.A. Zhdanov

arXiv:1606.03006v1 [nucl-ex]

3) Search for narrow resonances in πp elastic scattering from the EPECUR experiment

A. Gridnev, I.G. Alekseev, V.A. Andreev, I.G. Bordyuzhin, W.J. Briscoe, Ye.A. Filimonov, V.V. Golubev, D.V. Kalinkin, L.I. Koroleva, N.G. Kozlenko, V.S. Kozlov, A.G. Krivshich, V.A. Kuznetsov, B.V. Morozov, V.M. Nesterov, D.V. Novinsky, V.V. Ryltsov, M. Sadler, I.I. Strakovsky, A.D. Sulimov, V.V. Sumachev, D.N. Svirida, V.I. Tarakanov, V.Yu. Trautman, R.L. Workman

arXiv:1604.02379v1 [nucl-ex]

4) В.А. Андреев, А.В. Васильев, Е.А. Иванов, Д.С. Ильин, А.Г. Крившич, А.П. Серебров. Детектор ультра-холодных нейтронов для измерения времени жизни нейтрона, Журнал технической физики, 2016, 86, No. 4, 130–138.

5) V. Andreev, A. Vassiljev, E. Ivanov, D. Ilyin, A. Krivshich, A. Serebrov. Ultracold neutron detector for neutron lifetime measurements. Nuclear Instruments & Methods in Physics Research A (2016),

<http://dx.doi.org/10.1016/j.nima.2016.05.005>