

# Publications

- 1) **Исследование реакций  $^{19}\text{F}(\text{nd})^{18}\text{O}$ ,  $^{31}\text{P}(\text{nd})^{30}\text{Si}$  при энергии нейтронов 14.1 МэВ**  
Г.Е.Велюхов, А.Н.Прокофьев, С.В.Стародубцев, Доклады АН СССР, т.127 (1959).
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- 3) **Метод идентификации заряженных частиц из реакций с быстрыми нейтронами.**  
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- 4) **Исследование реакций захвата на легких ядрах при энергии нейтронов 14.1 МэВ.**  
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- 7) **Взаимодействие нейтронов с энергией 14.1 МэВ с тритием.** Г.Е.Велюхов, А.Н.Прокофьев, Ядерная физика, т.1 (1965).
- 8) **Поляризованная протонная мишень для исследования нуклон-нуклонных взаимодействий при высоких энергиях.** А.И.Ковалев, А.П.Комар, А.Н.Прокофьев, Г.М.Шкляревский, Препринт ФТИ-123 (1968).
- 9) **Метод измерения поляризации водородной ориентированной мишени.**  
А.И.Ковалев, А.П.Комар, А.Н.Прокофьев, Г.М.Шкляревский. Препринт ФТИ-178 (1969).
- 10) **Исследование длины рассеяния нейтрона на нейтроне в реакции  $\text{D}(\text{np})2\text{n}$ .**  
А.Н.Прокофьев, С.А.Илюшин, Г.У.Шкляревский. Препринт ФТИ-179 (1969).  
Кандидатская диссертация, ФТИ (1970)
- 11) **Определении длины рассеяния нейтрона на нейтроне в реакции  $\text{D}(\text{np})2\text{n}$ .**  
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- 12) **New method for measuring the polarization of a hydrogen target. (In Russian)** A.I. Kovalev, A.P. Komar, L.B. Parfenov, A.N. Prokofev, G.M. Shklyarevskii . 1970. Published in Zh.Tekh.Fiz.40:2242-2247,1970.
- 13) **Proportional Chamber With Delay Line Readout. (In Russian)** V.E. Popov, A.N. Prokofev (St. Petersburg, INP) . Leningrad-75-160, Jun 1975. 21pp.
- 14) **Polarized Proton Target. (In Russian)** A.I. Kovalev, A.N. Prokofev, G.M. Shklyarevsky (St. Petersburg, INP) . Leningrad-75-168, Jul 1975. 37pp.

- 15) **Study Of Proportional Chambers With Analog Data Readout. (Talk, In Russian).** V.E. Popov, A.N. Prokofev (St. Petersburg, INP) . 1978. In \*Dubna 1978, Proceedings, Proportional and Drift Chambers\*, 265-268.
- 16) **Measurement Of The Polarization Parameter P In Pi- P Elastic Scattering In The Energy Range 450-Mev - 600-Mev.** V.S. Bekrenev et al. Leningrad-79-466, Mar 1979. 23pp. Published in Sov.J.Nucl.Phys.31:92,1980, Nucl.Phys.A364:515-526,1981, Yad.Fiz.31:173-180,1980.
- 17) **THE WOLFENSTEIN PARAMETER 'A' IN p p SCATTERING AT 0.97-GeV. (In Russian)** V.G. Vovchenko et al. Leningrad-79-517, Sep 1979. 29pp. Submitted to Yadernaya Fiz.
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- 21) **ENERGY DEPENDENCE OF THE SPIN SPIN CORRELATION PARAMETER  $C_{nn}$  IN PROTON PROTON ELASTIC SCATTERING AT 690-MeV TO 950-MeV. (In Russian)** N.S. Borisov et al. Leningrad-80-553, Feb 1980. 14pp.
- 22) **Multipurpose Polarized Proton Beam On LnpI Synchrocyclotron. (In Russian)** V.G. Vovchenko, A.A. Zhdanov, V.M. Zheleznyakov, E.I. Malyutenkov, V.V. Polyakov, V.E. Popov, A.N. Prokofev, O.Ya. Fedorov, A.V. Shvedchikov (St. Petersburg, INP) . Leningrad-80-576, May 1980. 18pp.
- 23) **ENERGY DEPENDENCE OF SPIN SPIN CORRELATION PARAMETER  $C_{nn}$  IN 50-degrees AND 90-degrees center-of-mass p p ELASTIC SCATTERING IN THE ENERGY RANGE 0.69-GeV TO 0.95-GeV.** N.S. Borisov et al. Leningrad-80-581, Jun 1980. 12pp. Published in Lausanne Sympos.1980:519 (QCD161:S921:1980)
- 24) **Measurement Of The R Parameter In P P Scattering At 0.97-GeV And Analysis Of Experimental Results On Triple Scattering. (In Russian).** V.G. Vovchenko, V.A. Efimovych, A.A. Zhdanov, V.V. Polyakov, V.E. Popov, A.N. Prokofev, O.Ya. Fedorov, A.V. Shvedchikov (St. Petersburg, INP) . 1981. Published in Yad.Fiz.33:1551-1561,1981.
- 25) **Measurement Of Polarization Parameter P In Elastic Pi+ P Scattering In The Energy Range 500-Mev - 600-Mev. (In Russian).** V.S. Bekrenev et al. 1981. Published in Pisma Zh.Eksp.Teor.Fiz.34:152-155,1981.
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- 33) **Analysis of the energy dependence of p p scattering polarization parameters in the energy range 0.8-GeV to 1-GeV.** V.G. Vovchenko, V.A. Efimovykh, A.A. Zhdanov, Yu.M. Kazarinov, V.V. Polyakov, V.E. Popov, A.N. Prokofev, O.Ya. Fedorov (St. Petersburg, INP) . 1986. In \*Protvino 1986, Proceedings, High energy spin physics, vol. 2\* 102-104.
- 34) **The Polarized Target With A Horizontal Spin Orientation. (In Russian)** E.I. Bunyatova et al. LENINGRAD-86-1191, May 1986. 18pp.
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