

V PUBLICATIONS

V.1 Publications and Reports

C. Weber, V.V. Elomaa, R. Ferrer, C. Fröhlich, D. Ackermann, G. Audi, L. Batist, K. Blaum, M. Block, A. Chaudhuri, M. Dworschak, S. Eliseev, T. Eronen, U. Hager, J. Hakala, F. Herfurth, F.P. Heßberger, S. Hofmann, A. Jokinen, A. Kankainen, H.-J. Kluge, K. Langanke, A. Martin, G. Martinez-Pinedo, M. Mazzocco, I. Moore, J.B. Neumayr, Yu.N. Novikov, H. Penttilä, W. Plaß, A.V. Popov, S. Rahaman, T. Rauscher, C. Rauth, J. Rissanen, D. Rodriguez, A. Saastamoinen, C. Scheidenberger, L. Schweikhard, D.M. Seliverstov, T. Sonoda, F.-K. Thielemann, P.G. Thirolf, G.K. Vorobjev, and J. Äystö:

High-precision mass measurements in the vicinity of the rp-process and the νp -process paths with JYFLTRAP and SHIPTRAP

Phys. Rev. C **78** (2008) 054310

G. Aad *et al.*, ATLAS Collaboration:

The ATLAS Experiment at the CERN Large Hadron Collider

JINST **3** **2008** (S08003)

V. M. Abazov *et al.*, DØ Collaboration:

Evidence for decay $B_s^0 \rightarrow D_s^{(*)} D_s^{(*)}$ and a measurement of $\Delta\Gamma_s^{CP}/\Gamma_s$

e-Print: arXiv:0811.2173 [hep-ex]

FERMILAB-PUB-08-518-E, (Nov 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Search for the lightest scalar top quark in events with two leptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

e-Print: arXiv:0811.0459 [hep-ex]

FERMILAB-PUB-08-508-E, (Nov 2008)

Submitted to Phys.Lett.B

V. M. Abazov *et al.*, DØ Collaboration:

Search for neutral Higgs bosons at high $\tan\beta$ in the $b(h/H/A) \rightarrow b\tau^+\tau^-$ channel

e-Print: arXiv:0811.0024 [hep-ex]

FERMILAB-PUB-08-451-E, (Nov 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Evidence of $WW + WZ$ production with lepton + jets final states in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV

e-Print: arXiv:0810.3873 [hep-ex]

FERMILAB-PUB-08-57-E, (Oct 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the angular and lifetime parameters of the decays $B_d^0 \rightarrow J/\psi K^{*0}$ and $B_s^0 \rightarrow J/\psi\phi$

e-Print: arXiv:0810.0037 [hep-ex]

FERMILAB-PUB-08-418-E, (Oct 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Search for charged massive stable particles with the D0 detector

e-Print: arXiv:0809.4472 [hep-ex]

FERMILAB-PUB-08-409-E, (Sep 2008)

V. M. Abazov *et al.*, DØ Collaboration:

Search for Large extra spatial dimensions in the dielectron and diphoton channels in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

e-Print: arXiv:0809.2813 [hep-ex]

FERMILAB-PUB-08-368-E, (Sep 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:
Observation of the doubly strange b baryon Ω_b^-
Phys.Rev.Lett **101** (2008) 232002

V. M. Abazov *et al.*, DØ Collaboration:
Search for pair production of second generation scalar leptoquarks
e-Print: arXiv:0808.4023 [hep-ex]
FERMILAB-PUB-08-334-E, (Aug 2008)
Submitted to Phys.Lett.B

V. M. Abazov *et al.*, DØ Collaboration:
A Search for associated W and Higgs Boson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV
e-Print: arXiv:0808.1970 [hep-ex]
FERMILAB-PUB-08-297-E, (Aug 2008)
Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:
Measurement of $\sigma(p\bar{p} \rightarrow Z + X)$ $\text{Br}(Z \rightarrow \tau^+\tau^-)$ at $\sqrt{s} = 1.96$ -TeV
e-Print: arXiv:0808.1306 [hep-ex]
FERMILAB-PUB-08-295-E, (Aug 2008)
Submitted to Phys.Lett.B

V. M. Abazov *et al.*, DØ Collaboration:
Measurement of differential $Z/\gamma^* + \text{jet} + X$ cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV
Phys.Lett.B **669** (2008) 278

V. M. Abazov *et al.*, DØ Collaboration:
A search for the standard model Higgs boson in the missing energy and acoplanar b-jet topology at $\sqrt{s} = 1.96$ TeV
Phys.Rev.Lett. **101** (2008) 251802

V. M. Abazov *et al.*, DØ Collaboration:
Search for scalar leptoquarks and T -odd quarks in the acoplanar jet topology using 2.5 fb^{-1} of $p\bar{p}$ collision data at $\sqrt{s} = 1.96$ -TeV
Phys.Lett.B **668** (2008) 357

V. M. Abazov *et al.*, DØ Collaboration:
 $ZZ \rightarrow \ell^+\ell^-\nu\bar{\nu}$ -production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV
Phys.Rev.D **78** (2008) 072002

V. M. Abazov *et al.*, DØ Collaboration:
Measurement of the electron charge asymmetry in $p\bar{p} \rightarrow W + X \rightarrow e\nu + X$ events at $\sqrt{s} = 1.96$ -TeV
Phys.Rev.Lett. **101** (2008) 211801

V. M. Abazov *et al.*, DØ Collaboration:
Precise measurement of the top quark mass from lepton+jets events at D0
Phys.Rev.Lett. **101** (2008) 182001

V. M. Abazov *et al.*, DØ Collaboration:
Search for anomalous Wtb couplings in single top quark production
Phys.Rev.Lett. **101** (2008) 221801

V. M. Abazov *et al.*, DØ Collaboration:

Search for charged Higgs bosons decaying to top and bottom quarks in $p\bar{p}$ collisions

e-Print: arXiv:0807.0859 [hep-ex]

FERMILAB-PUB-08-229-E, (Jul 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Search for third generation scalar leptoquarks decaying into τb

Phys.Rev.Lett. **101** (2008) 241802

V. M. Abazov *et al.*, DØ Collaboration:

Search for long-lived particles decaying into electron or photon pairs with the D0 detector

Phys.Rev.Lett. **101** (2008) 111802

V. M. Abazov *et al.*, DØ Collaboration:

Search for a scalar or vector particle decaying into $Z\gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV

e-Print: arXiv:0806.0611 [hep-ex]

FERMILAB-PUB-08-154-E, (Jun 2008)

Submitted to Phys.Lett.B

V. M. Abazov *et al.*, DØ Collaboration:

Search for neutral Higgs bosons in multi-b-jet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **101** (2008) 221802

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the lifetime of the B_c^\pm meson in the semileptonic decay channel

e-Print: arXiv:0805.2614 [hep-ex]

FERMILAB-PUB-08-36-E, (May 2008)

Submitted to Phys.Rev.Lett.

V. M. Abazov *et al.*, DØ Collaboration:

Relative rates of B meson decays into ψ_{2S} and J/ψ mesons

e-Print: arXiv:0805.2576 [hep-ex]

FERMILAB-PUB-08-134-E, (May 2008)

Submitted to Phys.Rev.D

V. M. Abazov *et al.*, DØ Collaboration:

Search for Higgs bosons decaying to τ pairs in $p\bar{p}$ collisions with the D0 detector

Phys.Rev.Lett. **101** (2008) 071804

V. M. Abazov *et al.*, DØ Collaboration:

Search for $t\bar{t}$ resonances in the lepton plus jets final state in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Lett.B **668** (2008) 98

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the forward-backward charge asymmetry and extraction of $\sin^2\theta_W^{eff}$ in

$p\bar{p} \rightarrow Z/\gamma^* + X \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ TeV

Phys.Rev.Lett. **101** (2008) 191801

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the polarization of the v_{1S} and v_{2S} states in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **101** (2008) 182004

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the differential cross-section for the production of an isolated photon with associated jet in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Lett.B **666** (2008) 435

V. M. Abazov *et al.*, DØ Collaboration:

Search for W-prime Boson Resonances Decaying to a Top Quark and a Bottom Quark

Phys.Rev.Lett. **100** (2008) 211803

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **100** (2008) 192004

V. M. Abazov *et al.*, DØ Collaboration:

Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Lett.B **665** (2008) 1

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the ratio of the $p\bar{p} \rightarrow W^+c^-$ jet cross section to the inclusive $p\bar{p} \rightarrow W+$ jets cross section,

Phys.Lett.B **666** (2008) 23

V. M. Abazov *et al.*, DØ Collaboration:

Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **101** (2008) 011601

V. M. Abazov *et al.*, DØ Collaboration:

Search for pair production of doubly-charged Higgs bosons in the $H^{++}H^{--} \rightarrow \mu^+\mu^+\mu^-\mu^-$ final state at DØ

Phys.Rev.Lett. **101** (2008) 071803

V. M. Abazov *et al.*, DØ Collaboration:

Search for decay of a fermiophobic Higgs boson $h(f) \rightarrow \gamma\gamma$ with the DØ detector at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **101** (2008) 051801

V. M. Abazov *et al.*, DØ Collaboration:

Evidence for production of single top quarks

Phys.Rev.D **78** (2008) 012005

V. M. Abazov *et al.*, DØ Collaboration:

First study of the radiation-amplitude zero in $W\gamma$ production and limits on anomalous $WW\gamma$ couplings at $\sqrt{s} = 1.96$ - TeV

Phys.Rev.Lett. **100** (2008) 241805

V. M. Abazov *et al.*, DØ Collaboration:

Observation of the B_c Meson in the Exclusive Decay $B_c \rightarrow J/\psi\pi$

Phys.Rev.Lett. **101** (2008) 012001

V. M. Abazov *et al.*, DØ Collaboration:

Study of direct CP violation in $B^\pm \rightarrow J/\psi K^\pm(\pi^\pm)$ decays

Phys.Rev.Lett. **100** (2008) 211802

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the inclusive jet cross-section in $p\bar{p}$ collisions at $s^{91/2} = 1.96$ -TeV

Phys.Rev.Lett. **101** (2008) 062001

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of B_s^0 mixing parameters from the flavor-tagged decay $B_s^0 \rightarrow J/\psi\phi$

Phys.Rev.Lett. **101** (2008) 241801

V. M. Abazov *et al.*, DØ Collaboration:

Simultaneous measurement of the ratio $\mathbf{B}(t \rightarrow Wb) / \mathbf{B}(t \rightarrow Wq)$ and the top quark pair production cross section with the DØ detector at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **100** (2008) 192003

V. M. Abazov *et al.*, DØ Collaboration:

Search for excited electrons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.D **77** (2008) 091102

V. M. Abazov *et al.*, DØ Collaboration:

Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb^{-1} of $p\bar{p}$ collision data at $\sqrt{s} = 1.96$ - TeV

Phys.Lett.B **660** (2008) 449

V. M. Abazov *et al.*, DØ Collaboration:

First measurement of the forward-backward charge asymmetry in top quark pair production

Phys.Rev.Lett. **100** (2008) 142002

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the shape of the boson transverse momentum distribution in $p\bar{p} \rightarrow Z/\gamma^* \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **100** (2008) 102002

V. M. Abazov *et al.*, DØ Collaboration:

Search for ZZ and $Z\gamma^*$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV and limits on anomalous ZZZ and $ZZ\gamma^*$ couplings

Phys.Rev.Lett. **100** (2008) 131801

V. M. Abazov *et al.*, DØ Collaboration:

A Combined search for the standard model Higgs boson at $\sqrt{s} = 1.96$ -TeV

Phys.Lett.B **663** (2008) 26

V. M. Abazov *et al.*, DØ Collaboration:

Search for Scalar Neutrino Superpartners in $e + \mu$ Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV

Phys.Rev.Lett. **100** (2008) 241803

V. M. Abazov *et al.*, DØ Collaboration:

Model-independent measurement of the W boson helicity in top quark decays at DØ

Phys.Rev.Lett. **100** (2008) 062004

V. M. Abazov *et al.*, DØ Collaboration:

Observation and properties of the orbitally excited $B^*(s_2)$ meson

Phys.Rev.Lett. **100** (2008) 082002

V. M. Abazov *et al.*, DØ Collaboration:

Search for Randall-Sundrum gravitons with 1 fb^{-1} of data from $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$
Phys.Rev.Lett. **100** (2008) 091802

V. M. Abazov *et al.*, DØ Collaboration:

Search for W-prime bosons decaying to an electron and a neutrino with the D0 detector
Phys.Rev.Lett. **100** (2008) 031804

V. M. Abazov *et al.*, DØ Collaboration:

Measurement of the muon charge asymmetry from W boson decays
Phys.Rev.D **77** (2008) 011106

V. M. Abazov *et al.*, DØ Collaboration:

Search for flavor-changing-neutral-current D meson decays
Phys.Rev.Lett. **100** (2008) 101801

V. M. Abazov *et al.*, DØ Collaboration:

Search for the lightest scalar top quark in events with two leptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$
Phys.Lett.B **659** (2008) 500

V. M. Abazov *et al.*, DØ Collaboration:

Observation of ZZ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$
Phys.Rev.Lett. **101** (2008) 171803

G. Abbiendi *et al.*, OPAL Collaboration:

Search for Direc Magnetic Monopoles in e^+e^- Collisions with the OPAL Detector at LEP2
Phys.Lett.B **663** (2008) 37

G. Abbiendi *et al.*, OPAL Collaboration:

Inclusive Jet Production in Photon-Photon Collisions at $\sqrt{s_{ee}}$ from 189 to 209 GeV
Phys.Lett.B **658** (2008) 185

G. Abbiendi *et al.*, OPAL Collaboration:

Measurement of α_s with radiative hadronic events
Eur.Phys.J. **C53** (2008) 21-39

G. Abbiendi *et al.*, OPAL Collaboration:

Search for Charged Higgs Bosons in e^+e^- Collisions at $\sqrt{s} = 189\text{-}209\text{ GeV}$
e-Print: arXiv:0812.0267 [hep-ex]
Submitted to Eur.Phys.J.C

G. Agakishiev HADES Collaboration:

Study of dielectron production in C+C collisions at 1 AGeV
Phys. Lett. B **663** (2008) 43

M. Alekseev *et al.* the COMPASS Collaboration:

The Polarised Valence Quark Distribution from semi-inclusive DIS
Phys.Lett. **B660** (2008) 458

M. Alekseev *et al.* the COMPASS Collaboration:

Direct Measurement of the Gluon Polarisation in the Nucleon via Charmed Meson Production
hep-ex/0802.3023

C. Amsler *et al.*, Particle Data Group:

Review of Particle Physics

Phys.Lett.B **667** (2008) 1

C. Arpesella, G. Bellini, J. Benziger, S. Bonetti, B. Caccianiga, F. Calaprice, F. Dalnoki-Veress, D. D'Angelo, H. de Kerret, A. Derbin, M. Deutsch, A. Etenko, K. Fomenko, R. Ford, D. Franco, B. Freudiger, C. Galbiati, S. Gazzana, M. Giammarchi, M. Göger-Neff, A. Goretti, C. Grieb, S. Hardy, G. Heusser, A. Ianni, A.M. Ianni, M. Joyce, G. Korga, D. Kryn, M. Laubenstein, M. Leung, E. Litvinovich, P. Lombardi, L. Ludhova, I. Machulin, G. Manuzio, A. Martemianov, F. Masetti, K. McCarty, E. Meroni, L. Miramonti, M. Misiaszek, D. Montanari, M.E. Monzani, V. Muratova, L. Niedermeier, L. Oberauer, M. Obolensky, F. Ortica, M. Pallavicini, L. Papp, L. Perasso, A. Pocar, R.S. Raghavan, G. Ranucci, A. Razeto, A. Sabelnikov, C. Salvo, S. Schönert, H. Simgen, O. Smirnov, M. Skorokhvatov, A. Sonnenschein, A. Sotnikov, S. Sukhotin, Y. Suvorov, V. Tarasenkov, R. Tartaglia, G. Testera, D. Vignaud, S. Vitale, R.B. Vogelaar, F.v. Feilitzsch, M. Wojcik, O. Zaimidoroga, S. Zavatarelli, and G. Zuzel:

First real time detection of ^7Be solar neutrinos by Borexino

Physics Letters **B658**, Issue 4 (2008) 101 – 108

C. Arpesella *et al.*(Borexino Collaboration):

Direct Measurement of the ^7Be Solar Neutrino Flux with 192 Days of Borexino Data

Physical Review Letters **101** (2008) 091302-1 – 091302-6

F. Atchison, A. Bergmaier, M. Daum, M. Döbeli, G. Dollinger, P. Fierlinger, A. Foelske, R. Henneck, S. Heule, M. Kasprzak, K. Kirch, A. Knecht, M. Kuzniak, A. Pichlmaier, R. Schelldorfer, and G. Zsigmond:

Surface characterization of diamond-like carbon for ultracold neutron storage

Nucl. Instr. and Meth **A 587** (2008) 82

M. Ave, M. Bohacova, N. Busca, L. Cazon, S.D. Chemerisov, M.E. Conde, R.A. Crowell, P. di Carlo, C. di Giulio, M. Doubrava, A. Esposito, P. Facal, F.J. Franchini, J. Hörandel, M. Hrabovsky, M. Iarlori, T.E. Kasprzyk, B. Keilhauer, H. Klages, M. Kleifges, S. Kuhlmann, G. Mazzitelli, L. Nozka, A. Obermeier, M. Palatka, S. Petrera, P. Privitera, J. Ridky, V. Rizi, G. Rodriguez, F. Salamida, P. Schovanek, H. Spinka, E. Strazzeri, A. Ulrich, Z.M. Yusof, V. Vacek, P. Valente, V. Verzi, T. Waldenmaier, AIRFLY Collaboration:

Temperature and humidity dependence of air fluorescence yield measured by AIRFLY

Nucl. Instr. and Meth.A **597** (2008) 50-54

H.O. Back, M. Balata, A. de Bari, T. Beau, A. de Bellefon, G. Bellini, J. Benziger, S. Bonetti, A. Brigatti, C. Buck, B. Caccianiga, L. Cadonati, F. Calaprice, G. Cecchet, M. Chen, A. di Credico, O. Dadoun, D. D'Angelo, A. Derbin, M. Deutsch, F. Elisei, A. Etenko, F.v. Feilitzsch, R. Fernholz, R. Ford, D. Franco, B. Freudiger, C. Galbiati, F. Gatti, S. Gazzana, M. Giammarchi, D. Giugni, M. Göger-Neff, A. Goretti, C. Grieb, E. de Haas, C. Hagner, W. Hampel, E. Harding, F.X. Hartmann, T. Hertrich, H. Hess, G. Heusser, A. Ianni, A.M. Ianni, H. de Kerret, J. Kiko, T. Kirsten, G. Korga, G. Korschinek, Y. Kozlov, D. Kryn, M. Laubenstein, C. Lendvai, F. Loeser, P. Lombardi, S. Malvezzi, J. Maneira, I. Manno, D. Manuzio, G. Manuzio, F. Masetti, A. Martemianov, U. Mazzucato, K. McCarty, E. Meroni, L. Miramonti, M.E. Monzani, P. Musico, L. Niedermeier, L. Oberauer, M. Obolensky, F. Ortica, M. Pallavicini, L. Papp, S. Parmeggiano, L. Perasso, A. Pocar, R.S. Raghavan, G. Ranucci, W. Rau, A. Razeto, E. Resconi, A. Sabelnikov, C. Salvo, R. Scardaoni, D. Schimizzi, S. Schönert, K.H. Schuhbeck, E. Seitz, H. Simgen, T. Shutt, M. Skorokhvatov, O. Smirnov, A. Sonnenschein, A. Sotnikov, S. Sukhotin, V. Tarasenkov, R. Tartaglia, G. Testera, D. Vignaud, R.B. Vogelaar, V. Vyrodov, M. Wojcik, O. Zaimidoroga, and G. Zuzel:

Study of phenylxylylethane (PXE) as scintillator for low energy neutrino experiments

Nucl. Instr.Meth. in Physics Research **A585**, 1-2 (2008) 48 – 60

H.O. Back, M. Balata, G. Bellini, J. Benziger, S. Bonetti, B. Caccianiga, F. Calaprice, F. Dalnoki-Veress, D. D’Angelo, A. de Bellefon, H. de Kerret, A. Derbin, A. Etenko, K. Fomenko, R. Ford, D. Franco, C. Galbiati, S. Gazzana, M. Giammarchi, M. Göger-Neff, A. Goretti, C. Grieb, S. Hardy, A. Ianni, A.M. Ianni, G. Korga, Y. Kozlov, D. Kryn, M. Laubenstein, M. Leung, E. Litvinovich, P. Lombardi, L. Ludhova, I. Machulin, I. Manno, D. Manuzio, G. Manuzio, F. Masetti, K. McCarty, E. Meroni, L. Miramonti, M. Misiaszek, D. Montanari, M.E. Monzani, V. Muratova, L. Niedermeier, L. Oberauer, M. Obolensky, F. Ortica, M. Pallavicini, L. Papp, L. Perasso, A. Pocar, R.S. Raghavan, G. Ranucci, A. Razeto, A. Sabelnikov, C. Salvo, S. Schönert, T. Shutt, H. Simgen, M. Skorokhvatov, O. Smirnov, A. Sonnenschein, A. Sotnikov, S. Sukhotin, Y. Suvorov, V. Tarasenkov, R. Tartaglia, G. Testera, D. Vignaud, R.B. Vogelaar, F.v. Feilitzsch, B. Williams, M. Wojcik, O. Zaimidoroga, S. Zavatarelli, and G. Zuzel:

Pulse-shape discrimination with the Counting Test Facility

Nucl.Instr. Meth. in Physics Research **A584**, **1** (2008) 98 – 113

M. Balodis *et al.*:

Transfer and neutron capture reactions to ^{194}Ir as a test of $U_\nu(6/12) \otimes U_\pi(6/4)$ supersymmetry

Phys.Rev.C **77** (2008) 064602

J. Barea *et al.*:

New supersymmetric quartet of nuclei in the A = 190 mass region.

e-Print: arXiv:0811.4671 [nucl-th]

M. Bartsch, G. Buchalla, and C. Kraus:

$B \rightarrow V_L V_L$ Decays at Next-to-Leading Order in QCD

arXiv:0810.0249 [hep-ph]

G. Bellini, J. Benziger, S. Bonetti, B. Caccianiga, F. Calaprice, F. Dalnoki-Veress, D. D’Angelo, H. de Kerret, A. Derbin, A. Etenko, K. Fomenko, D. Franco, C. Galbiati, S. Gazzana, M. Giammarchi, M. Göger-Neff, A. Goretti, C. Grieb, S. Hardy, A. Ianni, A.M. Ianni, M. Joyce, V. Kobychyev, G. Korga, D. Kryn, M. Laubenstein, M. Leung, E. Litvinovich, P. Lombardi, L. Ludhova, I. Machulin, G. Manuzio, F. Masetti, K. McCarty, E. Meroni, L. Miramonti, M. Misiaszek, D. Montanari, M.E. Monzani, V. Muratova, L. Niedermeier, L. Oberauer, M. Obolensky, F. Ortica, M. Pallavicini, L. Papp, L. Perasso, R.S. Raghavan, G. Ranucci, A. Razeto, A. Sabelnikov, C. Salvo, S. Schönert, H. Simgen, M. Skorokhvatov, O. Smirnov, A. Sotnikov, S. Sukhotin, Y. Suvorov, V. Tarasenkov, R. Tartaglia, G. Testera, D. Vignaud, F.v. Feilitzsch, R.B. Vogelaar, M. Wojcik, O. Zaimidoroga, S. Zavatarelli, G. Zuzel, and The Borexino Collaboration :

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