



University of Zagreb
Faculty of Science
Department of Physics

SCIENTIFIC PUBLICATIONS
2014

SCIENTIFIC PUBLICATIONS
PUBLISHED IN JOURNAL ARTICLES AND REVIEW ARTICLES IN 2014
(Web of Science Core Collection)

1. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Performance of the ALICE experiment at the CERN LHC
INTERNATIONAL JOURNAL OF MODERN PHYSICS A. **29** (24), 1430044 (2014)
DOI: [10.1142/S0217751X14300440](https://doi.org/10.1142/S0217751X14300440)
IF (2014): 1.699
2. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
J/ψ production and nuclear effects in p-Pb collisions at=5.02 TeV
JOURNAL OF HIGH ENERGY PHYSICS. **2014** (2), 73 (2014)
DOI: [10.1007/JHEP02\(2014\)073](https://doi.org/10.1007/JHEP02(2014)073)
IF (2014): 6.111
3. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Multiplicity dependence of pion, kaon, proton and lambda production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV
PHYSICS LETTERS B. **728**, 25-38 (2014)
DOI: [10.1016/j.physletb.2013.11.020](https://doi.org/10.1016/j.physletb.2013.11.020)
IF (2014): 6.131
4. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
PHYSICS LETTERS B. **728**, 216-227 (2014)
DOI: [10.1016/j.physletb.2013.11.048](https://doi.org/10.1016/j.physletb.2013.11.048)
IF (2014): 6.131
5. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Upgrade of the ALICE Experiment Letter Of Intent
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS. **41** (8), 87001 (2014)
DOI: [10.1088/0954-3899/41/8/087001](https://doi.org/10.1088/0954-3899/41/8/087001)
IF (2014): 2.777

6. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV
EUROPEAN PHYSICAL JOURNAL C. **74** (9), 3054 (2014)
DOI: [10.1140/epjc/s10052-014-3054-5](https://doi.org/10.1140/epjc/s10052-014-3054-5)
IF (2014): 5.084
7. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC
PHYSICS LETTERS B. **739**, 139-151 (2014)
DOI: [10.1016/j.physletb.2014.10.034](https://doi.org/10.1016/j.physletb.2014.10.034)
IF (2014): 6.131
8. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
EUROPEAN PHYSICAL JOURNAL C. **74** (10), 3108 (2014)
DOI: [10.1140/epjc/s10052-014-3108-8](https://doi.org/10.1140/epjc/s10052-014-3108-8)
IF (2014): 5.084
9. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Suppression of $Y(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
PHYSICS LETTERS B. **738**, 361-372 (2014)
DOI: [10.1016/j.physletb.2014.10.001](https://doi.org/10.1016/j.physletb.2014.10.001)
IF (2014): 6.131
10. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Suppression of $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV
JOURNAL OF HIGH ENERGY PHYSICS. **2014** (12), 73 (2014)
DOI: [10.1007/JHEP12\(2014\)073](https://doi.org/10.1007/JHEP12(2014)073)
IF (2014): 6.111
11. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV in van der Meer scans with the ALICE detector
JOURNAL OF INSTRUMENTATION. **9**, P11003 (2014)

DOI: [10.1088/1748-0221/9/11/P11003](https://doi.org/10.1088/1748-0221/9/11/P11003)

IF (2014): 1.399

12. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Azimuthal anisotropy of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
PHYSICAL REVIEW C. **90** (3), 34904 (2014)
DOI: [10.1103/PhysRevC.90.034904](https://doi.org/10.1103/PhysRevC.90.034904)
IF (2014): 3.733
13. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Measurement of quarkonium production at forward rapidity in collisions at TeV
EUROPEAN PHYSICAL JOURNAL C. **74** (8), 2974 (2014)
DOI: [10.1140/epjc/s10052-014-2974-4](https://doi.org/10.1140/epjc/s10052-014-2974-4)
IF (2014): 5.084
14. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
JOURNAL OF HIGH ENERGY PHYSICS. **2014** (3), 13 (2014)
DOI: [10.1007/JHEP03\(2014\)013](https://doi.org/10.1007/JHEP03(2014)013)
IF (2014): 6.111
15. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the CERN Large Hadron Collider
PHYSICAL REVIEW C. **89** (2), 24911 (2014)
DOI: [10.1103/PhysRevC.89.024911](https://doi.org/10.1103/PhysRevC.89.024911)
IF (2014): 3.733
16. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Centrality, rapidity and transverse momentum dependence of J/Psi suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
PHYSICS LETTERS B. **734**, 314-327 (2014)
DOI: [10.1016/j.physletb.2014.05.064](https://doi.org/10.1016/j.physletb.2014.05.064)
IF (2014): 6.131
17. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider
PHYSICAL REVIEW C. **90** (5), 054901 (2014)

DOI: [10.1103/PhysRevC.90.054901](https://doi.org/10.1103/PhysRevC.90.054901)

IF (2014): 3.733

18. Abelev, B. ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Measurement of Prompt D-Meson Production in p-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV
PHYSICAL REVIEW LETTERS. **113** (23), 232301 (2014)
DOI: [10.1103/PhysRevLett.113.232301](https://doi.org/10.1103/PhysRevLett.113.232301)
IF (2014): 7.512

19. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Exclusive J/ψ Photoproduction off Protons in Ultraperipheral p-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV
PHYSICAL REVIEW LETTERS. **113** (23), 232504 (2014)
DOI: [10.1103/PhysRevLett.113.232504](https://doi.org/10.1103/PhysRevLett.113.232504)
IF (2014): 7.512

20. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Beauty production in pp collisions at $\sqrt{s}=2.76$ TeV measured via semi-electronic decays
PHYSICS LETTERS B. **738**, 97-108 (2014)
DOI: [10.1016/j.physletb.2014.09.026](https://doi.org/10.1016/j.physletb.2014.09.026)
IF (2014): 6.131

21. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Šimatović, Goran; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC
EUROPEAN PHYSICAL JOURNAL C. **74** (10), 3077 (2014)
DOI: [10.1140/epjc/s10052-014-3077-y](https://doi.org/10.1140/epjc/s10052-014-3077-y)
IF (2014): 5.084

22. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
PHYSICS LETTERS B. **736**, 196-207 (2014)
DOI: [10.1016/j.physletb.2014.07.011](https://doi.org/10.1016/j.physletb.2014.07.011)
IF (2014): 6.131

23. Abelev, B.; ...; Antičić, T.; ...; Gotovac, S.; ...; Mudnić, E.; ...; Planinić, M.; ...; Poljak, N.; ...; Simatović, G.; ...; Šuša, T.; ...; Vicković, L.; ...; Zyzak, M. (ALICE Collaboration)
Technical Design Report for the Upgrade of the ALICE Inner Tracking System
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS. **41** (8), 87002 (2014)
DOI: [10.1088/0954-3899/41/8/087002](https://doi.org/10.1088/0954-3899/41/8/087002)
IF (2014): 2.777

24. Achenbach, P.; Gayoso, C. A.; Boehm, R.; Borodina, O.; Bosnar, D.; Bozkurt, V.; Debenjak, L.; Distler, M. O.; Esser, A.; Friščić, I.; Fujii, Y.; Gogami, T.; Rodriguez, M. G.; Hashimoto, O.; Hirose, S.; Kanda, H.; Kaneta, M.; Kim, E.; Kusaka, J.; Margaryan, A.; Merkel, H.; Mueller, U.; Nagao, S.; Nakamura, S. N.; Pochodzalla, J.; Rappold, C.; Reinhold, J.; Saito, T. R.; Lorente, A. S.; Majos, S. S.; Schlimme, B. S.; Schoth, M.; Schulz, F.; Sfienti, C.; Sirca, S.; Tang, L.; Thiel, M.; Tsukada, K. (A1 Hypernucl Collaboration)
Recent Studies of Hypernuclei Formation with Electron Beams at MAMI
FEW-BODY SYSTEMS. **55** (8-10), 887-892 (2014)
DOI: [10.1007/s00601-013-0777-z](https://doi.org/10.1007/s00601-013-0777-z)
IF (2014): 0.768
25. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW C. **89** (4), 44908 (2014)
DOI: [10.1103/PhysRevC.89.044908](https://doi.org/10.1103/PhysRevC.89.044908)
IF (2014): 3.733
26. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC
PHYSICAL REVIEW LETTERS. **112** (3), 32302 (2014)
DOI: [10.1103/PhysRevLett.112.032302](https://doi.org/10.1103/PhysRevLett.112.032302)
IF (2014): 7.512
27. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s}=200$ GeV
PHYSICAL REVIEW D. **89** (1), 12001 (2014)
DOI: [10.1103/PhysRevD.89.012001](https://doi.org/10.1103/PhysRevD.89.012001)
IF (2014): 4.643
28. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au + Au Collisions at RHIC
PHYSICAL REVIEW LETTERS. **113** (9), 92301 (2014)
DOI: [10.1103/PhysRevLett.113.092301](https://doi.org/10.1103/PhysRevLett.113.092301)
IF (2014): 7.512
29. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Suppression of Y production in d + Au and Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICS LETTERS B. **735**, 127-137 (2014)
DOI: [10.1016/j.physletb.2014.06.028](https://doi.org/10.1016/j.physletb.2014.06.028)
IF (2014): 6.131

30. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
J/ ψ polarization in p + p collisions at $\sqrt{s}=200$ GeV in STAR
PHYSICS LETTERS B. **739**, 180-188 (2014)
DOI: [10.1016/j.physletb.2014.10.049](https://doi.org/10.1016/j.physletb.2014.10.049)
IF (2014): 6.131
31. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC
PHYSICAL REVIEW LETTERS. **113** (7), 72301 (2014)
DOI: [10.1103/PhysRevLett.113.072301](https://doi.org/10.1103/PhysRevLett.113.072301)
IF (2014): 7.512
32. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Dielectron Mass Spectra from Au + Au Collisions at $\sqrt{s_{NN}}=200$ Ge V
PHYSICAL REVIEW LETTERS. **113** (2), 22301 (2014)
DOI: [10.1103/PhysRevLett.113.022301](https://doi.org/10.1103/PhysRevLett.113.022301)
IF (2014): 7.512
33. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Observation of D^0 Meson Nuclear Modifications in Au + Au Collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW LETTERS. **113** (14), 142301 (2014)
DOI: [10.1103/PhysRevLett.113.142301](https://doi.org/10.1103/PhysRevLett.113.142301)
IF (2014): 7.512
34. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au + Au Collisions at RHIC
PHYSICAL REVIEW LETTERS. **113** (5), 52302 (2014)
DOI: [10.1103/PhysRevLett.113.052302](https://doi.org/10.1103/PhysRevLett.113.052302)
IF (2014): 7.512
35. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au + Au Collisions
PHYSICAL REVIEW LETTERS. **112** (16), 162301 (2014)
DOI: [10.1103/PhysRevLett.112.162301](https://doi.org/10.1103/PhysRevLett.112.162301)
IF (2014): 7.512
36. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Jet-Hadron Correlations in $\sqrt{s_{NN}}=200$ GeV p + p and Central Au + Au Collisions
PHYSICAL REVIEW LETTERS. **112** (12), 122301 (2014)

DOI: [10.1103/PhysRevLett.112.122301](https://doi.org/10.1103/PhysRevLett.112.122301)

IF (2014): 7.512

37. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
J/ψ production at low p_T in Au + Au and Cu + Cu collisions at $\sqrt{s_{NN}}=200$ GeV with the STAR detector
PHYSICAL REVIEW C. **90** (2), 24906 (2014)
DOI: [10.1103/PhysRevC.90.024906](https://doi.org/10.1103/PhysRevC.90.024906)
IF (2014): 3.733
38. Adamczyk, L.; ...; Planinić, M.; ...; Poljak, N.; ...; Zyzak, M. (STAR Collaboration)
Dielectron azimuthal anisotropy at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW C. **90** (6), 64904 (2014)
DOI: [10.1103/PhysRevC.90.064904](https://doi.org/10.1103/PhysRevC.90.064904)
IF (2014): 3.733
39. Adare, A.; ...; Makek, M.; ...; Zolin, L. (PHENIX Collaboration)
Measurement of K_S^0 and K^{*0} in p + p, d + Au, and Cu + Cu collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW C. **90** (5), 54905 (2014)
DOI: [10.1103/PhysRevC.90.054905](https://doi.org/10.1103/PhysRevC.90.054905)
IF (2014): 3.733
40. Adare, A.; ...; Makek, M.; ...; Zhou, S. (PHENIX Collaboration)
Cross section and transverse single-spin asymmetry of η mesons in $p^\uparrow + p$ collisions at $\sqrt{s}=200$ GeV at forward rapidity
PHYSICAL REVIEW D. **90** (7), 72008 (2014)
DOI: [10.1103/PhysRevD.90.072008](https://doi.org/10.1103/PhysRevD.90.072008)
IF (2014): 4.643
41. Adare, A.; ...; Makek, M.; ...; Zhou, S. (PHENIX Collaboration)
Nuclear matter effects on J/ψ production in asymmetric Cu + Au collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW C. **90** (6), 64908 (2014)
DOI: [10.1103/PhysRevC.90.064908](https://doi.org/10.1103/PhysRevC.90.064908)
IF (2014): 3.733
42. Adare, A.; ...; Makek, M.; ...; Zhou, S. (PHENIX Collaboration)
Low-mass vector-meson production at forward rapidity in p + p collisions at $\sqrt{s}=200$ GeV
PHYSICAL REVIEW D. **90** (5), 52002 (2014)
DOI: [10.1103/PhysRevD.90.052002](https://doi.org/10.1103/PhysRevD.90.052002)
IF (2014): 4.643
43. Agakishiev, G.; ...; Planinić, M.; ...; Poljak, N.; ...; Zoulkarneeva, Y. (STAR Collaboration)
Event-plane-dependent dihadron correlations with harmonic v_n subtraction in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV
PHYSICAL REVIEW C. **89** (4), 41901 (2014)

DOI: [10.1103/PhysRevC.89.041901](https://doi.org/10.1103/PhysRevC.89.041901)

IF (2014): 3.733

44. Androš, L.; Jurić, M.; Popović, J.; Pajić, D.; Zadro, K.; Molčanov, K.; Žilic, D.; Planinić, P.
1D Heterometallic Oxalate Compounds as Precursors for Mixed Ca-Cr Oxides - Synthesis, Structures, and Magnetic Studies
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY. **2014** (33), 5703-5713 (2014)
DOI: [10.1002/ejic.201402644](https://doi.org/10.1002/ejic.201402644)
IF (2014): 2.942
45. Babić-Stojić, B.; Jokanović, V.; Milivojević, D.; Požek, M.; Jagličić, Z.; Makovec, D.; Arsikin, K.; Paunović, V.
NMR relaxometric properties and cytotoxicity of Gd₂O₃ nanoparticle suspensions in an organic liquid
JOURNAL OF NANOPARTICLE RESEARCH. **16** (10), 2663 (2014)
DOI: [10.1007/s11051-014-2663-0](https://doi.org/10.1007/s11051-014-2663-0)
IF (2014): 2.184
46. Balibrea, J.; Mendoza, E.; Cano-Ott, D.; Guerrero, C.; Berthoumieux, E.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécares, V.; Bečvář, F.; Belloni, F.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Gunsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kawano, T.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Kratička, M.; Kroll, J.; Langer, C.; Lampoudis, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganiec, J.; Martinez, T.; Mastinu, P. F.; Mastromarco, M.; Massimi, C.; Meaze, M.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Stetcu, I.; Sabaté, M.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Measurement of the Neutron Capture Cross Section of the Fissile Isotope ²³⁵U with the CERN n_TOF Total Absorption Calorimeter and a Fission Tagging Based on Micromegas Detectors
NUCLEAR DATA SHEETS. **119**, 10-13 (2014)
DOI: [10.1016/j.nds.2014.08.005](https://doi.org/10.1016/j.nds.2014.08.005)
IF (2014): 4.571

47. Barbagallo, M.; Colonna, N.; Vermeulen, M. J.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Bécaries, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Hernández-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Krtička, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Mallick, A.; Manousos, A.; Marganiec, J.; Martínez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Robles, M. S.; Rubbia, C.; Sabaté-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
 Capture Cross Section of ^{236}U : the n_TOF Results
 NUCLEAR DATA SHEETS. **119**, 45-47 (2014)
 DOI: [10.1016/j.nds.2014.08.014](https://doi.org/10.1016/j.nds.2014.08.014)
 IF (2014): 4.571
48. Beck, P. G.; Hambleton, K.; Vos, J.; Kallinger, T.; Bloemen, S.; Tkachenko, A.; Garcia, R. A.; Ostensen, R. H.; Aerts, C.; Kurtz, D. W.; De Ridder, J.; Hekker, S.; Pavlovski, K.; Mathur, S.; De Smedt, K.; Derekas, A.; Corsaro, E.; Mosser, B.; Van Winckel, H.; Huber, D.; Degroote, P.; Davies, G. R.; Prsa, A.; Debusscher, J.; Elsworth, Y.; Nemeth, P.; Siess, L.; Schmid, V. S.; Papics, P. I.; de Vries, B. L.; van Marle, A. J.; Marcos-Arenal, P.; Lobel, A.
 Pulsating red giant stars in eccentric binary systems discovered from Kepler space-based photometry A sample study and the analysis of KIC 5006817
 ASTRONOMY & ASTROPHYSICS. **564**, A36 (2014)
 DOI: [10.1051/0004-6361/201322477](https://doi.org/10.1051/0004-6361/201322477)
 IF (2014): 4.378

49. Belloni, F.; Andriamonje, S.; Berthoumieux, E.; Calviani, M.; Chiaveri, E.; Colonna, N.; Giomataris, Y.; Guerrero, C.; Gusing, F.; Iguaz, F. J.; Kebbiri, M.; Pancin, J.; Papaevangelou, T.; Tsinganis, A.; Vlachoudis, V.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécaries, V.; Bečvář, F.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chin, M.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krtička, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganec, J.; Martínez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
A Micromegas Detector for Neutron Beam Imaging at the n_TOF Facility at CERN
NUCLEAR DATA SHEETS. **119**, 365-367 (2014)
DOI: [10.1016/j.nds.2014.08.100](https://doi.org/10.1016/j.nds.2014.08.100)
IF (2014): 4.571
50. Benić, S.; Blaschke, D.; Contrera, G. A.; Horvatić, D.
Medium induced Lorentz symmetry breaking effects in nonlocal Polyakov-Nambu-Jona-Lasinio models
PHYSICAL REVIEW D. **89** (1), 16007 (2014)
DOI: [10.1103/PhysRevD.89.016007](https://doi.org/10.1103/PhysRevD.89.016007)
IF (2014): 4.643
51. Benić, S.; Horvatić, D.; Kekez, D.; Klabučar, D.
A $U_A(1)$ symmetry restoration scenario supported by the generalized Witten-Veneziano relation and its analytic solution
PHYSICS LETTERS B. **738**, 113-117 (2014)
DOI: [10.1016/j.physletb.2014.09.029](https://doi.org/10.1016/j.physletb.2014.09.029)
IF (2014): 6.131
52. Benić, S.; Horvatić, D.; Klarić, J.
Recovering the chiral critical endpoint via delocalization of quark interactions
PHYSICAL REVIEW D. **89** (5), 54025 (2014)
DOI: [10.1103/PhysRevD.89.054025](https://doi.org/10.1103/PhysRevD.89.054025)
IF (2014): 4.643

53. Benić, S.
Heavy hybrid stars from multi-quark interactions
EUROPEAN PHYSICAL JOURNAL A. **50** (7), 111 (2014)
DOI: [10.1140/epja/i2014-14111-1](https://doi.org/10.1140/epja/i2014-14111-1)
IF (2014): 2.736
54. Benić, S.; Radovčić, B.
Electroweak breaking and Dark Matter from the common scale
PHYSICS LETTERS B. **732**, 91-94 (2014)
DOI: [10.1016/j.physletb.2014.03.018](https://doi.org/10.1016/j.physletb.2014.03.018)
IF (2014): 6.131
55. Bernauer, J. C.; Distler, M. O.; Friedrich, J.; Walcher, Th; Achenbach, P.; Gayoso, C. Ayerbe; Boehm, R.; Bosnar, D.; Debenjak, L.; Doria, L.; Esser, A.; Fonvieille, H.; de la Paz, M. Gomez Rodriguez; Friedrich, J. M.; Makek, M.; Merkel, H.; Middleton, D. G.; Mueller, U.; Nungesser, L.; Pochodzalla, J.; Potokar, M.; Majos, S. Sanchez; Schlimme, B. S.; Širca, S.; Weinriefer, M. (A1 Collaboration)
Electric and magnetic form factors of the proton
PHYSICAL REVIEW C. **90** (1), 15206 (2014)
DOI: [10.1103/PhysRevC.90.015206](https://doi.org/10.1103/PhysRevC.90.015206)
IF (2014): 3.733
56. Bilalbegović, G.; Maksimović, A.; Mohaček-Grošev, V.
Do cement nanoparticles exist in space?
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **442** (2), 1319-1325 (2014)
DOI: [10.1093/mnras/stu869](https://doi.org/10.1093/mnras/stu869)
IF (2014): 5.107
57. Borkovits, T.; Derekas, A.; Fuller, J.; Szabo, Gy. M.; Pavlovski, K.; Csak, B.; Dozsa, A.; Kovacs, J.; Szabo, R.; Hambleton, K. M.; Kinemuchi, K.; Kolbas, V.; Kurtz, D. W.; Maloney, F.; Prsa, A.; Southworth, J.; Sztakovics, J.; Biro, I. B.; Jankovics, I.
HD 183648: a Kepler eclipsing binary with anomalous ellipsoidal variations and a pulsating component
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **443** (4), 3068-3081 (2014)
DOI: [10.1093/mnras/stu1379](https://doi.org/10.1093/mnras/stu1379)
IF (2014): 5.107
58. Bosnar, S.; Bosnar, D.; Gržeta, B.
Positron Annihilation Lifetime Spectroscopy Study of the Formation of Mesoporous Materials from the Zeolite Precursor
ACTA PHYSICA POLONICA A. **125** (3), 775-777 (2014)

DOI: [10.12693/APhysPolA.125.775](https://doi.org/10.12693/APhysPolA.125.775)

IF (2014): 0.530

59. Brdar, V.; Picek, I.; Radovčić, B.
Radiative neutrino mass with scotogenic scalar triplet
PHYSICS LETTERS B. **728**, 198-201 (2014)
DOI: [10.1016/j.physletb.2013.11.045](https://doi.org/10.1016/j.physletb.2013.11.045)
IF (2014): 6.131
60. Bubić, A.; Sušac, A.; Palmović, M.
Keeping our eyes on the eyes: The case of Arcimboldo
PERCEPTION. **43** (5), 465-468 (2014)
DOI: [10.1068/p7671](https://doi.org/10.1068/p7671)
IF (2014): 0.906
61. Chiaveri, E.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécares, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Hernández-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Krlička, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Mallick, A.; Manouos, A.; Marganec, J.; Martínez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Robles, M. S.; Roman, F.; Rubbia, C.; Sabaté-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
The CERN n_TOF Facility: Neutron Beams Performances for Cross Section Measurements
NUCLEAR DATA SHEETS. **119**, 1-4 (2014)
DOI: [10.1016/j.nds.2014.08.003](https://doi.org/10.1016/j.nds.2014.08.003)
IF (2014): 4.571
62. Cooper, J. R.; Loram, J. W.; Kokanović, I.; Storey, J. G.; Tallon, J. L.
Pseudogap in $\text{YBa}_2\text{Cu}_3\text{O}_{6+\delta}$ is not bounded by a line of phase transitions: Thermodynamic evidence
PHYSICAL REVIEW B. **89** (20), 201104 (2014)
DOI: [10.1103/PhysRevB.89.201104](https://doi.org/10.1103/PhysRevB.89.201104)
IF (2014): 3.736

63. Curceanu, C.; Bazzi, M.; Berucci, C.; Clozza, A.; D'Uffizi, A.; Guaraldo, C.; Iliescu, M.; Sandri, P. Levi; Piscicchia, K.; Lener, M. Poli; Sbardella, E.; Scordo, A.; Sirghi, D. L.; Sirghi, F.; Tatsuno, H.; Tucakovic, I.; Berucci, C.; Cargnelli, M.; Ishiwatari, T.; Marton, J.; Shi, H.; Widmann, E.; Zmeskal, J.; Bosnar, D.; Bragadireanu, A. M.; Pietreanu, D.; Sirghi, D. L.; Sirghi, F.; Fabietti, L.; Doce, O. Vazquez; Fiorini, C.; Quaglia, R.; Ghio, F.; Piscicchia, K. (SIDDHARTA Collaboration)
Unprecedented studies of the low-energy negatively charged kaons interactions in nuclear matter by AMADEUS
ACTA PHYSICA POLONICA B. **45** (3), 753-766 (2014)
DOI: [10.5506/APhysPolB.45.753](https://doi.org/10.5506/APhysPolB.45.753)
IF (2014): 0.850
64. Cvitanić, T.; Pelc, D.; Požek, M.; Amit, E.; Keren, A.
O-17-NMR Knight shift study of the interplay between superconductivity and pseudogap in $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$
PHYSICAL REVIEW B. **90** (5), 54508 (2014)
DOI: [10.1103/PhysRevB.90.054508](https://doi.org/10.1103/PhysRevB.90.054508)
IF (2014): 3.736
65. Despoja, V.; Marušić, L.
Use of surface plasmons for manipulation of organic molecule quasiparticles and optical properties
JOURNAL OF PHYSICS-CONDENSED MATTER. **26** (48), 485012 (2014)
DOI: [10.1088/0953-8984/26/48/485012](https://doi.org/10.1088/0953-8984/26/48/485012)
IF (2014): 2.346
66. Despoja, V.; Mowbray, D. J.
Using surface plasmonics to turn on fullerene's dark excitons
PHYSICAL REVIEW B. **89** (19), 195433 (2014)
DOI: [10.1103/PhysRevB.89.195433](https://doi.org/10.1103/PhysRevB.89.195433)
IF (2014): 3.736
67. Došlić, M.; Pelc, D.; Požek, M.
Contactless measurement of nonlinear conductivity in the radio-frequency range
REVIEW OF SCIENTIFIC INSTRUMENTS. **85** (7), 73905 (2014)
DOI: [10.1063/1.4890557](https://doi.org/10.1063/1.4890557)
IF (2014): 1.614
68. Dubček, T.; Šantić, N.; Jukić, D.; Aumiler, D.; Ban, T.; Buljan, H.
Synthetic Lorentz force in classical atomic gases via Doppler effect and radiation pressure
PHYSICAL REVIEW A. **89** (6), 63415 (2014)

DOI: [10.1103/PhysRevA.89.063415](https://doi.org/10.1103/PhysRevA.89.063415)

IF (2014): 2.808

69. Ebran, J. -P.; Khan, E.; Nikšić, T.; Vretenar, D.
Cluster-liquid transition in finite, saturated fermionic systems
PHYSICAL REVIEW C. **89** (3), 31303 (2014)
DOI: [10.1103/PhysRevC.89.031303](https://doi.org/10.1103/PhysRevC.89.031303)
IF (2014): 3.733
70. Ebran, J. -P.; Khan, E.; Nikšić, T.; Vretenar, D.
Density functional theory studies of cluster states in nuclei
PHYSICAL REVIEW C. **90** (5), 54329 (2014)
DOI: [10.1103/PhysRevC.90.054329](https://doi.org/10.1103/PhysRevC.90.054329)
IF (2014): 3.733
71. Fraval, K.; ...; Bosnar, D.; ...; Žugec, P. (n_TOF Collaboration)
Measurement and Analysis of $^{241}\text{Am}(n, \gamma)$ Cross Sections with C_6D_6 Detectors at the n_TOF Facility at CERN
NUCLEAR DATA SHEETS. **119**, 72-75 (2014)
DOI: [10.1016/j.nds.2014.08.022](https://doi.org/10.1016/j.nds.2014.08.022)
IF (2014): 4.571
72. Fraval, K.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécaries, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dzysiuik, N.; Eleftheriadis, C.; Ferrari, A.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krtička, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganiec, J.; Martínez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Measurement and analysis of the $^{241}\text{Am}(n, \gamma)$ cross section with liquid scintillator detectors using time-of-flight spectroscopy at the n_TOF facility at CERN
PHYSICAL REVIEW C. **89** (4), 44609 (2014)
DOI: [10.1103/PhysRevC.89.044609](https://doi.org/10.1103/PhysRevC.89.044609)
IF (2014): 3.733

73. Garcia, E. V.; Stassun, K. G.; Pavlovski, K.; Hensberge, H.; Chew, Y. Gomez Maqueo; Claret, A. A strict test of stellar evolution models: the absolute dimensions of the massive benchmark eclipsing binary V578 Mon
ASTRONOMICAL JOURNAL. **148** (3), 39 (2014)
DOI: [10.1088/0004-6256/148/3/39](https://doi.org/10.1088/0004-6256/148/3/39)
IF (2014): 4.024
74. Giubrone, G.; Domingo-Pardo, C.; Tain, J. L.; Lederer, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécaries, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Duran, I.; Dressler, R.; Dzysiuik, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Kratička, M.; Kroll, J.; Langer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Massimi, C.; Marganiec, J.; Martinez, T.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Measurement of the $^{54,57}\text{Fe}$ (n, γ) Cross Section in the Resolved Resonance Region at CERN n_TOF
NUCLEAR DATA SHEETS. **119**, 117-120 (2014)
DOI: [10.1016/j.nds.2014.08.033](https://doi.org/10.1016/j.nds.2014.08.033)
IF (2014): 4.571
75. Golubić, S. Josef; Aine, C. J.; Stephen, J. M.; Adair, J. C.; Knoefel, J. E.; Supek, S. Modulatory role of the prefrontal generator within the auditory M50 network
NEUROIMAGE. **92**, 120-131 (2014)
DOI: [10.1016/j.neuroimage.2014.02.013](https://doi.org/10.1016/j.neuroimage.2014.02.013)
IF (2014): 6.357
76. Grassi, L.; Forneris, J.; Torresi, D.; Acosta, L.; Di Pietro, A.; Figuera, P.; Fisichella, M.; Grilj, V.; Jakić, M.; Lattuada, M.; Mijatović, T.; Milin, M.; Prepolec, L.; Skukan, N.; Soić, N.; Tokić, V.; Uroić, M.
Study of the inter-strip gap effects on the response of Double Sided Silicon Strip Detectors using proton micro-beams

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS
SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. **767**, 99-111 (2014)

DOI: [10.1016/j.nima.2014.08.009](https://doi.org/10.1016/j.nima.2014.08.009)

IF (2014): 1.216

77. Guerrero, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécaries, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Günsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Krtička, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganec, J.; Martínez, T.; Mastinu, P. F.; Mastromarco, M.; Massimi, C.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Investigation of Neutron-induced Reactions at n_TOF: an Overview of the 2009-2012
Experimental Program
NUCLEAR DATA SHEETS. **119**, 5-9 (2014)
DOI: [10.1016/j.nds.2014.08.004](https://doi.org/10.1016/j.nds.2014.08.004)
IF (2014): 4.571

78. Günsing, F.; Fraval, K.; Mathelie, M.; Valenta, S.; Bečvář, F.; Rusev, G.; Tonchev, A. P.; Mitchell, G.; Baramsai, B.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécaries, V.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Eleftheriadis, C.; Ferrari, A.; Ganesan, S.; García, A. R.; Giubrone, G.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Hernández-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krtička, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganec, J.; Martínez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Robles, M. S.; Rubbia, C.; Sabaté-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Spin Measurements of $n + {}^{87}\text{Sr}$ for Level Density Studies
NUCLEAR DATA SHEETS. **119**, 132-136 (2014)

DOI: [10.1016/j.nds.2014.08.037](https://doi.org/10.1016/j.nds.2014.08.037)

IF (2014): 4.571

79. Habjanić, J.; Jurić, M.; Popović, J.; Molčanov, K.; Pajić, D.
A 3D Oxalate-Based Network as a Precursor for the CoMn_2O_4 Spinel: Synthesis and Structural and Magnetic Studies
INORGANIC CHEMISTRY. **53** (18), 9633-9643 (2014)
DOI: [10.1021/ic501134y](https://doi.org/10.1021/ic501134y)
IF (2014): 4.762
80. Horvat, R.; Ilakovac, A.; Kekez, D.; Trampetić, J.; You, J.
Forbidden and invisible Z boson decays in a covariant theta-exact noncommutative standard model
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS. **41** (5), 55007 (2014)
DOI: [10.1088/0954-3899/41/5/055007](https://doi.org/10.1088/0954-3899/41/5/055007)
IF (2014): 2.777
81. Horvatić, V.; Mueller, S.; Veža, D.; Vadla, Č.; Franzke, J.
Atmospheric helium capillary dielectric barrier discharge for soft ionization: broadening of spectral lines, gas temperature and electron number density
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY. **29** (3), 498-505 (2014)
DOI: [10.1039/c3ja50343g](https://doi.org/10.1039/c3ja50343g)
IF (2014): 3.466
82. Horvatić, V.; Mueller, S.; Veža, D.; Vadla, Č.; Franzke, J.
Atmospheric Helium Capillary Dielectric Barrier Discharge for Soft Ionization: Determination of Atom Number Densities in the Lowest Excited and Metastable States
ANALYTICAL CHEMISTRY. **86** (1), 857-864 (2014)
DOI: [10.1021/ac403518s](https://doi.org/10.1021/ac403518s)
IF (2014): 5.636
83. Huynh, M. T.; Kimball, A. E.; Norris, R. P.; Smail, Ian; Chow, K. E.; Coppin, K. E. K.; Emonts, B. H. C.; Ivison, R. J.; Smolčić, V.; Swinbank, A. M.
Detection of molecular gas in an ALMA [C ii]-identified submillimetre galaxy at $z=4.44$
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **443** (1), L54-L58 (2014)
DOI: [10.1093/mnras/slu077](https://doi.org/10.1093/mnras/slu077)
IF (2014): 5.107
84. Ilakovac, A.; Pilaftsis, A.; Popov, L.
Lepton dipole moments in supersymmetric low-scale seesaw models
PHYSICAL REVIEW D. **89** (1), 15001 (2014)
DOI: [10.1103/PhysRevD.89.015001](https://doi.org/10.1103/PhysRevD.89.015001)
IF (2014): 4.643

85. Jablan, M.; Soljačić, M.; Buljan, H.
Effects of screening on the optical absorption in graphene and in metallic monolayers
PHYSICAL REVIEW B. **89** (8), 85415 (2014)
DOI: [10.1103/PhysRevB.89.085415](https://doi.org/10.1103/PhysRevB.89.085415)
IF (2014): 3.736
86. Jurašić, M.-J.; Golubić, S. Josef; Demarin, V.
Arterial Compliance Plateaus in Healthy Aging Women-In Time for Preventive Treatment
JOURNAL OF THE AMERICAN GERIATRICS SOCIETY. **62** (4), 784-786 (2014)
DOI: [10.1111/jgs.12766](https://doi.org/10.1111/jgs.12766)
IF (2014): 4.572
87. Kolbas, V.; Dervisoglu, A.; Pavlovski, K.; Southworth, J.
Tracing CNO exposed layers in the Algol-type binary system u Her
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **444** (4), 3118-3129 (2014)
DOI: [10.1093/mnras/stu1652](https://doi.org/10.1093/mnras/stu1652)
IF (2014): 5.107
88. Kregar, G.; Šantić, N.; Aumiler, D.; Buljan, H.; Ban, T.
Frequency-comb-induced radiative force on cold rubidium atoms
PHYSICAL REVIEW A. **89** (5), 53421 (2014)
DOI: [10.1103/PhysRevA.89.053421](https://doi.org/10.1103/PhysRevA.89.053421)
IF (2014): 2.808
89. Kregar, G.; Šantić, N.; Aumiler, D.; Ban, T.
Radiation pressure force on cold rubidium atoms due to excitation to a non-cooling hyperfine level
EUROPEAN PHYSICAL JOURNAL D. **68** (12), 360 (2014)
DOI: [10.1140/epjd/e2014-50312-3](https://doi.org/10.1140/epjd/e2014-50312-3)
IF (2014): 1.228
90. Kumerički, K.; Mueller, D.; Murray, M.
HERMES impact for the access of Compton form factors
PHYSICS OF PARTICLES AND NUCLEI. **45** (4), 723-755 (2014)
DOI: [10.1134/S1063779614040108](https://doi.org/10.1134/S1063779614040108)
IF (2014): 0.619
91. Kupčić, I.
Damping effects in doped graphene: The relaxation-time approximation
PHYSICAL REVIEW B. **90** (20), 205426 (2014)

DOI: [10.1103/PhysRevB.90.205426](https://doi.org/10.1103/PhysRevB.90.205426)

IF (2014): 3.736

92. Kupčić, I.; Rukelj, Z.; Barišić, S.
 CDW fluctuations and the pseudogap in the single-particle conductivity of quasi-1D Peierls CDW systems: II
 JOURNAL OF PHYSICS-CONDENSED MATTER. **26** (19), 195601 (2014)
 DOI: [10.1088/0953-8984/26/19/195601](https://doi.org/10.1088/0953-8984/26/19/195601)
 IF (2014): 2.346
93. Lederer, C.; Giubrone, G.; Massimi, C.; Žugec, P.; Barbagallo, M.; Colonna, N.; Domingo-Pardo, C.; Guerrero, C.; Günsing, F.; Käppeler, F.; Tain, J. L.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Bécares, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Duran, I.; Dressler, R.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Kratička, M.; Kroll, J.; Langer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganiec, J.; Martínez, T.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J. (n_TOF Collaboration)
 Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process
 NUCLEAR DATA SHEETS. **120**, 201-204 (2014)
 DOI: [10.1016/j.nds.2014.07.046](https://doi.org/10.1016/j.nds.2014.07.046)
 IF (2014): 4.571
94. Lederer, C.; Massimi, C.; Berthoumieux, E.; Colonna, N.; Dressler, R.; Guerrero, C.; Günsing, F.; Käppeler, F.; Kivel, N.; Pignatari, M.; Reifarh, R.; Schumann, D.; Wallner, A.; Altstadt, S.; Andriamonje, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécares, V.; Bečvář, F.; Belloni, F.; Berthier, B.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortés, G.; Cortés-Giraldo, M. A.; Dillmann, I.; Domingo-Pardo, C.; Duran, I.; Dzysiuk, N.; Eleftheriadis, C.; Fernández-Ordóñez, M.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A.R.; Giubrone, G.; Gómez-Hornillos, M.B.; Gonçalves, I.F.; González-Romero, E.; Gramegna, F.; Griesmayer, E.; Gurusamy, P.; Harrisopulos, S.; Heil, M.; Ioannides, K.; Jenkins, D.G.; Jericha, E.; Kadi, Y.; Karadimos, D.; Korschinek, G.; Kratička, M.; Kroll, J.; Langer, C.; Leebos, E.; Leeb, H.; Leong, L. S.; Losito, R.; Lozano, M.; Manousos, A.; Marganiec, J.; Marrone, S.; Martínez, T.; Mastinu, P.F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea,

- M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plag, R.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J.L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Tlustos, L.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Vermeulen, M. J.; Versaci, R.; Vlachoudis, V.; Vlastou, R.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T.J.; Žugec, P. (n_TOF Collaboration)
- $^{62}\text{Ni}(n, \gamma)$ and $^{63}\text{Ni}(n, \gamma)$ cross sections measured at the n_TOF facility at CERN
 PHYSICAL REVIEW C. **89** (2), 25810 (2014)
 DOI: [10.1103/PhysRevC.89.025810](https://doi.org/10.1103/PhysRevC.89.025810)
 IF (2014): 3.733
95. Lee, J. B.; Kim, H. J.; Luznik, J.; Jelen, A.; Pajić, D.; Wencka, M.; Jagličić, Z.; Meden, A.; Dolinšek, J.
 Synthesis and Magnetic Properties of Hematite Particles in a “Nanomedusa” Morphology
 JOURNAL OF NANOMATERIALS. **2014**, 902968 (2014)
 DOI: [10.1155/2014/902968](https://doi.org/10.1155/2014/902968)
 IF (2014): 1.644
96. Litvinova, E.; Brown, B. A.; Fang, D. -L.; Marketin, T.; Zegers, R. G. T.
 Benchmarking nuclear models for Gamow-Teller response
 PHYSICS LETTERS B. **730**, 307-313 (2014)
 DOI: [10.1016/j.physletb.2014.02.001](https://doi.org/10.1016/j.physletb.2014.02.001)
 IF (2014): 6.131
97. Lončarić, I.; Despoja, V.
 Benchmarking van der Waals functionals with noncontact RPA calculations on graphene-Ag(111)
 PHYSICAL REVIEW B. **90** (7), 75414 (2014)
 DOI: [10.1103/PhysRevB.90.075414](https://doi.org/10.1103/PhysRevB.90.075414)
 IF (2014): 3.736
98. Lucas, A. A.; Šunjić, M.; Benedek, G.; Echenique, P. M.
 Quantum ricochets: surface capture, release and energy loss of fast ions hitting a polar surface at grazing incidence
 NEW JOURNAL OF PHYSICS. **16**, 63015 (2014)
 DOI: [10.1088/1367-2630/16/6/063015](https://doi.org/10.1088/1367-2630/16/6/063015)
 IF (2014): 3.558
99. Ma, R.; Laan, L.; Dogterom, M.; Pavin, N.; Juelicher, F.
 General theory for the mechanics of confined microtubule asters
 NEW JOURNAL OF PHYSICS. **16**, 13018 (2014)
 DOI: [10.1088/1367-2630/16/1/013018](https://doi.org/10.1088/1367-2630/16/1/013018)
 IF (2014): 3.558

100. Massimi, C.; Koehler, P.; Mingrone, F.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécares, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Cano-Ott, D.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Hernández-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Kratička, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Mallick, A.; Manousos, A.; Marganec, J.; Martínez, T.; Mastinu, P. F.; Mastromarco, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Robles, M. S.; Rubbia, C.; Sabaté-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
New Measurement of the ^{25}Mg (n, γ) Reaction Cross Section
NUCLEAR DATA SHEETS. **119**, 110-112 (2014)
DOI: [10.1016/j.nds.2014.08.031](https://doi.org/10.1016/j.nds.2014.08.031)
IF (2014): 4.571
101. Mendoza, E.; Cano-Ott, D.; Guerrero, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Bécares, V.; Bečvář, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calviño, F.; Carrapiço, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortés, G.; Cortés-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuik, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; García, A. R.; Giubrone, G.; Gómez-Hornillos, M. B.; Gonçalves, I. F.; González-Romero, E.; Griesmayer, E.; Günsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Käppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Kratička, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganec, J.; Martínez, T.; Mastinu, P. F.; Mastromarco, M.; Massimi, C.; Meaze, M.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiß, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
Measurement of the ^{241}Am and the ^{243}Am Neutron Capture Cross Sections at the n_TOF Facility at CERN
NUCLEAR DATA SHEETS. **119**, 65-68 (2014)

DOI: [10.1016/j.nds.2014.08.020](https://doi.org/10.1016/j.nds.2014.08.020)

IF (2014): 4.571

102. Merkel, H.; Achenbach, P.; Gayoso, C. Ayerbe; Beranek, T.; Bericic, J.; Bernauer, J. C.; Boehm, R.; Bosnar, D.; Correa, L.; Debenjak, L.; Denig, A.; Distler, M. O.; Esser, A.; Fonvieille, H.; Frišćić, I.; de la Paz, M. Gomez Rodriguez; Hoek, M.; Kegel, S.; Kohl, Y.; Middleton, D. G.; Mihovilovic, M.; Mueller, U.; Nungesser, L.; Pochodzalla, J.; Rohrbeck, M.; Ron, G.; Majos, S. Sanchez; Schlimme, B. S.; Schoth, M.; Schulz, F.; Sfienti, C.; Širca, S.; Thiel, M.; Tyukin, A.; Weber, A.; Weinriefer, M. (A1 Collaboration)
Search at the Mainz Microtron for Light Massive Gauge Bosons Relevant for the Muon g-2 Anomaly
PHYSICAL REVIEW LETTERS. **112** (22), 221802 (2014)
DOI: [10.1103/PhysRevLett.112.221802](https://doi.org/10.1103/PhysRevLett.112.221802)
IF (2014): 7.512
103. Mihelj, T.; Popović, J.; Skoko, Ž.; Tomašić, V.
Thermotropic phase transitions of catanionic dodecylsulfates with multi-charged and multi-tailed quaternary ammonium centers
THERMOCHIMICA ACTA. **591**, 119-129 (2014)
DOI: [10.1016/j.tca.2014.07.024](https://doi.org/10.1016/j.tca.2014.07.024)
IF (2014): 2.184
104. Mingrone, F.; Massimi, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Bosnar, D.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Hernandez-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaepfeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Mallick, A.; Manousos, A.; Marganić, J.; Martinez, T.; Mastinu, P. F.; Mastromarco, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Robles, M. S.; Rubbia, C.; Sabate-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrio, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T.; Žugec, P. (n_TOF Collaboration)
Measurement of the ^{238}U Radiative Capture Cross Section with C_6D_6 at the CERN n_TOF Facility
NUCLEAR DATA SHEETS. **119**, 18-21 (2014)
DOI: [10.1016/j.nds.2014.08.007](https://doi.org/10.1016/j.nds.2014.08.007)
IF (2014): 4.571

105. Mustapić, M.; Horvat, J.; Hossain, M. S.; Sun, Z.; Skoko, Ž.; Mitchell, D. R. G.; Dou, S. X.
Novel synthesis of superparamagnetic Ni-Co-B nanoparticles and their effect on superconductor properties of MgB₂
ACTA MATERIALIA. **70**, 298-306 (2014)
DOI: [10.1016/j.actamat.2014.02.040](https://doi.org/10.1016/j.actamat.2014.02.040)
IF (2014): 4.465
106. Mustapić, M.; Horvat, J.; Skoko, Ž.; Al Hossain, M. S.; Dou, S. X.
Interplay between boron precursors and Ni-Co-B nanoparticle doping in the fabrication of MgB₂ superconductor with improved electromagnetic properties
ACTA MATERIALIA. **80**, 457-467 (2014)
DOI: [10.1016/j.actamat.2014.08.030](https://doi.org/10.1016/j.actamat.2014.08.030)
IF (2014): 4.465
107. Nazarewicz, W.; Reinhard, P. -G.; Satula, W.; Vretenar, D.
Symmetry energy in nuclear density functional theory
EUROPEAN PHYSICAL JOURNAL A. **50** (2), 20 (2014)
DOI: [10.1140/epja/i2014-14020-3](https://doi.org/10.1140/epja/i2014-14020-3)
IF (2014): 2.736
108. Nikšić, G.; Kupčić, I.; Barišić, O. S.; Sunko, D. K.; Barišić, S.
Multiband Responses in High-T_c Cuprate Superconductors
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. **27** (4), 969-975 (2014)
DOI: [10.1007/s10948-013-2420-0](https://doi.org/10.1007/s10948-013-2420-0)
IF (2014): 0.909
109. Nikšić, T.; Marević, P.; Vretenar, D.
Microscopic analysis of shape evolution and triaxiality in germanium isotopes
PHYSICAL REVIEW C. **89** (4), 44325 (2014)
DOI: [10.1103/PhysRevC.89.044325](https://doi.org/10.1103/PhysRevC.89.044325)
IF (2014): 3.733
110. Nikšić, T.; Paar, N.; Vretenar, D.; Ring, P.
DIRHB-A relativistic self-consistent mean-field framework for atomic nuclei
COMPUTER PHYSICS COMMUNICATIONS. **185** (6), 1808-1821 (2014)
DOI: [10.1016/j.cpc.2014.02.027](https://doi.org/10.1016/j.cpc.2014.02.027)
IF (2014): 3.112

111. Nomura, K.; Vretenar, D.; Nikšić, T.; Lu, Bing-Nan
Microscopic description of octupole shape-phase transitions in light actinide and rare-earth nuclei
PHYSICAL REVIEW C. **89** (2), 24312 (2014)
DOI: [10.1103/PhysRevC.89.024312](https://doi.org/10.1103/PhysRevC.89.024312)
IF (2014): 3.733
112. Paar, N.; Moustakidis, Ch. C.; Marketin, T.; Vretenar, D.; Lalazissis, G. A.
Neutron star structure and collective excitations of finite nuclei
PHYSICAL REVIEW C. **90** (1), 11304 (2014)
DOI: [10.1103/PhysRevC.90.011304](https://doi.org/10.1103/PhysRevC.90.011304)
IF (2014): 3.733
113. Paunzen, E.; Netopil, M.; Maitzen, H. M.; Pavlovski, K.; Schnell, A.; Zejda, M.
Photoelectric search for peculiar stars in open clusters XV. Feinstein 1, NGC 2168, NGC 2323, NGC 2437, NGC 2547 NGC 4103, NGC 6025, NGC 6633, Stock 2, and Trumpler 2
ASTRONOMY & ASTROPHYSICS. **564**, A42 (2014)
DOI: [10.1051/0004-6361/201423521](https://doi.org/10.1051/0004-6361/201423521)
IF (2014): 4.378
114. Pavić, L.; Graca, M. F.; Skoko, Ž.; Moguš-Milanković, A.; Valente, M. A.
Magnetic Properties of Iron Phosphate Glass and Glass-Ceramics
JOURNAL OF THE AMERICAN CERAMIC SOCIETY. **97** (8), 2517-2524 (2014)
DOI: [10.1111/jace.12951](https://doi.org/10.1111/jace.12951)
IF (2014): 2.610
115. Pavlovski, K.; Southworth, J.; Kolbas, V.; Smalley, B.
Absolute dimensions of detached eclipsing binaries - III. The metallic-lined system YZ Cassiopeiae
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **438** (1), 590-603 (2014)
DOI: [10.1093/mnras/stt2229](https://doi.org/10.1093/mnras/stt2229)
IF (2014): 5.107
116. Pelc, D.; Marion, S.; Požek, M.; Basletić, M.
Role of microscopic phase separation in gelation of aqueous gelatin solutions
SOFT MATTER. **10** (2), 348-356 (2014)
DOI: [10.1039/c3sm52542b](https://doi.org/10.1039/c3sm52542b)
IF (2014): 4.029
117. Perić, B.; Gautier, R.; Pickard, C. J.; Bosiočić, M.; Grbić, Mihael S.; Požek, M.
Solid-state NMR/NQR and first-principles study of two niobium halide cluster compounds
SOLID STATE NUCLEAR MAGNETIC RESONANCE. **59-60**, 20-30 (2014)
DOI: [10.1016/j.ssnmr.2014.02.001](https://doi.org/10.1016/j.ssnmr.2014.02.001)
IF (2014): 2.266

118. Pinterić, M.; Čulo, M.; Milat, O.; Basletić, M.; Korin-Hamzić, B.; Tafra, E.; Hamzić, A.; Ivek, T.; Peterseim, T.; Miyagawa, K.; Kanoda, K.; Schlueter, J. A.; Dressel, M.; Tomić, S.
Anisotropic charge dynamics in the quantum spin-liquid candidate κ -(BEDT-TTF)₂Cu₂(CN)₃
PHYSICAL REVIEW B. **90** (19), 195139 (2014)
DOI: [10.1103/PhysRevB.90.195139](https://doi.org/10.1103/PhysRevB.90.195139)
IF (2014): 3.736
119. Podobnik, B.; Horvatić, D.; Bertella, M. A.; Feng, L.; Huang, X.; Li, B.
Systemic risk in dynamical networks with stochastic failure criterion
EPL. **106** (6), 68003 (2014)
DOI: [10.1209/0295-5075/106/68003](https://doi.org/10.1209/0295-5075/106/68003)
IF (2014): 2.095
120. Remenyi, G.; Biljaković, K.; Starešinić, D.; Dominko, D.; Ristić, R.; Babić, E.; Figueroa, I. A.; Davies, H. A.
Looking for footprint of bulk metallic glass in electronic and phonon heat capacities of Cu₅₅Hf_{45-x}Ti_x alloys
APPLIED PHYSICS LETTERS. **104** (17), 171906 (2014)
DOI: [10.1063/1.4875043](https://doi.org/10.1063/1.4875043)
IF (2014): 3.302
121. Riechers, D. A.; Carilli, Christopher L.; Capak, P. L.; Scoville, N. Z.; Smolčić, V.; Schinnerer, E.; Yun, M.; Cox, P.; Bertoldi, F.; Karim, A.; Yan, L.
Alma imaging of gas and dust in a galaxy protocluster at redshift 5.3: [c ii] emission in “typical” galaxies and dusty starbursts approximate to 1 billion years after the big bang
ASTROPHYSICAL JOURNAL. **796** (2), 84 (2014)
DOI: [10.1088/0004-637X/796/2/84](https://doi.org/10.1088/0004-637X/796/2/84)
IF (2014): 5.993
122. Rosandić, M.; Paar, V.
Codon sextets with leading role of serine create “ideal” symmetry classification scheme of the genetic code
GENE. **543** (1), 45-52 (2014)
DOI: [10.1016/j.gene.2014.04.009](https://doi.org/10.1016/j.gene.2014.04.009)
IF (2014): 2.138
123. Smolčić, V.; Ciliegi, P.; Jelić, V.; Bondi, M.; Schinnerer, E.; Carilli, C. L.; Riechers, D. A.; Salvato, M.; Brković, A.; Capak, P.; Ilbert, O.; Karim, A.; McCracken, H.; Scoville, N. Z.
The VLA-COSMOS Survey - V.324 MHz continuum observations
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **443** (3), 2590-2598 (2014)
DOI: [10.1093/mnras/stu1331](https://doi.org/10.1093/mnras/stu1331)
IF (2014): 5.107
124. Smolić, I.
On the various aspects of electromagnetic potentials in spacetimes with symmetries

CLASSICAL AND QUANTUM GRAVITY. **31** (23), 235002 (2014)

DOI: [10.1088/0264-9381/31/23/235002](https://doi.org/10.1088/0264-9381/31/23/235002)

IF (2014): 3.168

125. Suchomski, C.; Reitz, C.; Pajić, D.; Jagličić, Z.; Đerđ, I.; Brezesinski, T.
Large-Pore Mesoporous $\text{Ho}_3\text{Fe}_5\text{O}_{12}$ Thin Films with a Strong Room-Temperature Perpendicular
Magnetic Anisotropy by Sol-Gel Processing
CHEMISTRY OF MATERIALS. **26** (7), 2337-2343 (2014)
DOI: [10.1021/cm5003324](https://doi.org/10.1021/cm5003324)
IF (2014): 8.354
126. Sušac, A.; Bubić, A.; Kaponja, J.; Planinić, M.; Palmović, M.
Eye movements reveal students' strategies in simple equation solving
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION. **12** (3), 555-577
(2014)
DOI: [10.1007/s10763-014-9514-4](https://doi.org/10.1007/s10763-014-9514-4)
IF (2014): 0.575
127. Sušac, A.; Bubić, A.; Vrbanc, A.; Planinić, M.
Development of abstract mathematical reasoning: the case of algebra
FRONTIERS IN HUMAN NEUROSCIENCE. **8**, 679 (2014)
DOI: [10.3389/fnhum.2014.00679](https://doi.org/10.3389/fnhum.2014.00679)
IF (2014): 3.626
128. Sušac, A.; Heslenfeld, D. J.; Huonker, R.; Supek, S.
Magnetic Source Localization of Early Visual Mismatch Response
BRAIN TOPOGRAPHY. **27** (5), 648-651 (2014)
DOI: [10.1007/s10548-013-0340-8](https://doi.org/10.1007/s10548-013-0340-8)
IF (2014): 3.468
129. Tang, L.; Chen, C.; Gogami, T.; Kawama, D.; Han, Y.; Yuan, L.; Matsumura, A.; Okayasu, Y.; Ševa, T.; Rodriguez, V. M.; Baturin, P.; Acha, A.; Achenbach, P.; Ahmidouch, A.; Albayrak, I.; Androić, D.; Asaturyan, A.; Asaturyan, R.; Ates, O.; Badui, R.; Baker, O. K.; Benmokhtar, F.; Boeglin, W.; Bono, J.; Bosted, P.; Brash, E.; Carter, P.; Carlini, R.; Chiba, A.; Christy, M. E.; Cole, L.; Dalton, M. M.; Danagoulian, S.; Daniel, A.; De Leo, R.; Dharmawardane, V.; Doi, D.; Egiyan, K.; Elaasar, M.; Ent, R.; Fenker, H.; Fujii, Y.; Furic, M.; Gabrielyan, M.; Gan, L.; Garibaldi, F.; Gaskell, D.; Gasparian, A.; Gibson, E. F.; Gueye, P.; Hashimoto, O.; Honda, D.; Horn, T.; Hu, B.; Hungerford, Ed V.; Jayalath, C.; Jones, M.; Johnston, K.; Kalantarians, N.; Kanda, H.; Kaneta, M.; Kato, F.; Kato, S.; Kawai, M.; Keppel, C.; Khanal, H.; Kohl, M.; Kramer, L.; Lan, K. J.; Li, Y.; Liyanage, A.; Luo, W.; Mack, D.; Maeda, K.; Malace, S.; Margaryan, A.; Marikyan, G.; Markowitz, P.; Maruta, T.; Maruyama, N.; Maxwell, V.; Millener, D. J.; Miyoshi, T.; Mkrtchyan, A.; Mkrtchyan, H.; Motoba, T.; Nagao, S.; Nakamura, S. N.; Narayan, A.; Neville, C.; Niculescu, G.; Niculescu, M. I.;

Nunez, A.; Nuruzzaman; Nomura, H.; Nonaka, K.; Ohtani, A.; Oyamada, M.; Perez, N.; Petkovic, T.; Pochodzalla, J.; Qiu, X.; Randeniya, S.; Raue, B.; Reinhold, J.; Rivera, R.; Roche, J.; Samanta, C.; Sato, Y.; Sawatzky, B.; Segbefia, E. K.; Schott, D.; Shichijo, A.; Simicevic, N.; Smith, G.; Song, Y.; Sumihama, M.; Tadevosyan, V.; Takahashi, T.; Taniya, N.; Tsukada, K.; Tvaskis, V.; Veilleux, M.; Vulcan, W.; Wells, S.; Wesselmann, F. R.; Wood, S. A.; Yamamoto, T.; Yan, C.; Ye, Z.; Yokota, K.; Zhamkochyan, S.; Zhu, L. (HKS Jlab E05-E01-011 Collaboration)

Experiments with the High Resolution Kaon Spectrometer at JLab Hall C and the new

spectroscopy of B-12(Lambda) hypernuclei

PHYSICAL REVIEW C. **90** (3), 34320 (2014)

DOI: [10.1103/PhysRevC.90.034320](https://doi.org/10.1103/PhysRevC.90.034320)

IF (2014): 3.733

130. Tarrio, D.; Leong, L. S.; Audouin, L.; Duran, I.; Paradela, C.; Tassan-Got, L.; Altstadt, S.; Andrzejewski, J.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaepfeler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Losito, R.; Manousos, A.; Marganec, J.; Martinez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J. L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T. J.; Žugec, P. (n_TOF Collaboration)
- Fission Fragment Angular Distribution of $^{232}\text{Th}(n,f)$ at the CERN n_TOF Facility
- NUCLEAR DATA SHEETS. **119**, 35-37 (2014)
- DOI: [10.1016/j.nds.2014.08.011](https://doi.org/10.1016/j.nds.2014.08.011)
- IF (2014): 4.571
131. Tarrio, D.; Leong, L. S.; Audouin, L.; Duran, I.; Paradela, C.; Tassan-Got, L.; Le Naour, C.; Bacri, C. O.; Petitbon, V.; Mottier, J.; Caamano, M.; Altstadt, S.; Andrzejewski, J.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Jenkins, G.; Jericha, E.; Kadi, Y.; Kaepfeler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Losito, R.; Manousos, A.; Marganec, J.; Martinez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J. L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T. J.;

- Žugec, P. (n_TOF Collaboration)
Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. **743**, 79-85 (2014)
DOI: [10.1016/j.nima.2013.12.056](https://doi.org/10.1016/j.nima.2013.12.056)
IF (2014): 1.216
132. Tkachenko, A.; Aerts, C.; Pavlovski, K.; Degroote, P.; Papics, P. I.; Moravveji, E.; Lehmann, H.; Kolbas, V.; Clemer, K.
Modelling of sigma Scorpii, a high-mass binary with a beta Cep variable primary component
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **442** (1), 616-628 (2014)
DOI: [10.1093/mnras/stu885](https://doi.org/10.1093/mnras/stu885)
IF (2014): 5.107
133. Tkachenko, A.; Degroote, P.; Aerts, C.; Pavlovski, K.; Southworth, J.; Papics, P. I.; Moravveji, E.; Kolbas, V.; Tsymbal, V.; Debosscher, J.; Clemer, K.
The eccentric massive binary V380 Cyg: revised orbital elements and interpretation of the intrinsic variability of the primary component
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. **438** (4), 3093-3110 (2014)
DOI: [10.1093/mnras/stt2421](https://doi.org/10.1093/mnras/stt2421)
IF (2014): 5.107
134. Toft, S.; Smolčić, V.; Magnelli, B.; Karim, A.; Zirm, A.; Michalowski, M.; Capak, P.; Sheth, K.; Schawinski, K.; Krogager, J-K; Wuyts, S.; Sanders, D.; Man, A. W. S.; Lutz, D.; Staguhn, J.; Berta, S.; Mccracken, H.; Krpan, J.; Riechers, D.
Submillimeter galaxies as progenitors of compact quiescent galaxies
ASTROPHYSICAL JOURNAL. **782** (2), 68 (2014)
DOI: [10.1088/0004-637X/782/2/68](https://doi.org/10.1088/0004-637X/782/2/68)
IF (2014): 5.993
135. Tonejc, A. M. M.; Medaković, D.; Popović, S.; Jaklin, A.; Bijelić, M.; Lončarek, I.
Biom mineralization in the Sea Hare *Aplysia punctata* Initiated by Nano-Dolomite
CROATICA CHEMICA ACTA. **87** (2), 143-152 (2014)
DOI: [10.5562/cca2403](https://doi.org/10.5562/cca2403)
IF (2014): 0.728
136. Tonev, D.; Yavahchova, M. S.; Goutev, N.; de Angelis, G.; Petkov, P.; Bhowmik, R. K.; Singh, R. P.; Muralithar, S.; Madhavan, N.; Kumar, R.; Raju, M. Kumar; Kaur, J.; Mohanto, G.; Singh, A.; Kaur, N.; Garg, R.; Shukla, A.; Marinov, Ts. K.; Brant, S.
Candidates for Twin Chiral Bands in ¹⁰²Rh
PHYSICAL REVIEW LETTERS. **112** (5), 52501 (2014)
DOI: [10.1103/PhysRevLett.112.052501](https://doi.org/10.1103/PhysRevLett.112.052501)
IF (2014): 7.512

137. Torres, G.; Lacy, C.H. Sandberg; Pavlovski, K.; Feiden, G. A.; Sabby, J. A.; Bruntt, H.; Clausen, J. V. The G + M Eclipsing Binary V530 Orionis: A Stringent Test of Magnetic Stellar Evolution Models for Low-mass Stars
ASTROPHYSICAL JOURNAL. **797** (1), 31 (2014)
DOI: [10.1088/0004-637X/797/1/31](https://doi.org/10.1088/0004-637X/797/1/31)
IF (2014): 5.993
138. Tsinganis, A.; Berthoumieux, E.; Guerrero, C.; Colonna, N.; Calviani, M.; Vlastou, R.; Andriamonje, S.; Vlachoudis, V.; Gunsing, F.; Massimi, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chin, M.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Gurusamy, P.; Hernandez-Prieto, A.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaeppler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Mallick, A.; Manousos, A.; Marganec, J.; Martinez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarh, R.; Riego, A.; Robles, M. S.; Roman, F.; Rubbia, C.; Sabate-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrio, D.; Tassan-Got, L.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T.; Žugec, P. (n_TOF Collaboration)
Measurement of the $^{242}\text{Pu}(n,f)$ Cross Section at the CERN n_TOF Facility
NUCLEAR DATA SHEETS. **119**, 58-60 (2014)
DOI: [10.1016/j.nds.2014.08.018](https://doi.org/10.1016/j.nds.2014.08.018)
IF (2014): 4.571
139. Vrankić, M.; Žagar, K.; Bijelić, M.; Popović, J.; Gržeta, B.; Kurajica, S.
Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. **75** (11), 1240-1244 (2014)
DOI: [10.1016/j.jpics.2014.06.006](https://doi.org/10.1016/j.jpics.2014.06.006)
IF (2014): 1.853
140. Weiss, C.; Guerrero, C.; Griesmayer, E.; Andrzejewski, J.; Badurek, G.; Chiaveri, E.; Dressler, R.; Ganesan, S.; Jericha, E.; Kaeppler, F.; Koehler, P.; Lederer, C.; Leeb, H.; Marganec, J.; Pavlik, A.; Perkowski, J.; Rauscher, T.; Reifarh, R.; Schumann, D.; Tagliente, G.; Vlachoudis, V.; Altstadt, S.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chin, M.; Colonna, N.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Gunsing, F.;

- Gurusamy, P.; Hernandez-Prieto, A.; Jenkins, D. G.; Kadi, Y.; Karadimos, D.; Kivel, N.; Kokkoris, M.; Krticka, M.; Kroll, J.; Lampoudis, C.; Langer, C.; Leal-Cidoncha, E.; Leong, L. S.; Losito, R.; Lick, A. Ma; Manousos, A.; Martinez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Plompen, A.; Praena, J.; Quesada, J. M.; Riego, A.; Robles, M. S.; Roman, F.; Rubbia, C.; Sabate-Gilarte, M.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Wright, T.; Žugec, P. (n_TOF Collaboration)
The (n, α) Reaction in the s-process Branching Point ^{59}Ni
NUCLEAR DATA SHEETS. **120**, 208-210 (2014)
DOI: [10.1016/j.nds.2014.07.048](https://doi.org/10.1016/j.nds.2014.07.048)
IF (2014): 4.571
141. Wright, T.; Guerrero, C.; Billowes, J.; Ware, T.; Cano-Ott, D.; Mendoza, E.; Massimi, C.; Mingrone, F.; Günsing, F.; Berthoumieux, E.; Lampoudis, C.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Boccone, V.; Bosnar, D.; Brugger, M.; Calviani, M.; Calvino, F.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Colonna, N.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dressler, R.; Dzysiuik, N.; Eleftheriadis, C.; Ferrari, A.; Fraival, K.; Ganesan, S.; Garcia, A. R.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Giubrone, G.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaeppeler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Korschinek, G.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganić, J.; Martinez, T.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mengoni, A.; Milazzo, P. M.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Weigand, M.; Weiss, C.; Žugec, P. (n_TOF Collaboration)
High-precision Measurement of the $^{238}\text{U}(n, \gamma)$ Cross Section with the Total Absorption Calorimeter (TAC) at n_TOF, CERN
NUCLEAR DATA SHEETS. **119**, 26-30 (2014)
DOI: [10.1016/j.nds.2014.08.009](https://doi.org/10.1016/j.nds.2014.08.009)
IF (2014): 4.571
142. Yasutake, N.; Lastowiecki, R.; Benić, S.; Blaschke, D.; Maruyama, T.; Tatsumi, T.
Finite-size effects at the hadron-quark transition and heavy hybrid stars
PHYSICAL REVIEW C. **89** (6), 65803 (2014)
DOI: [10.1103/PhysRevC.89.065803](https://doi.org/10.1103/PhysRevC.89.065803)
IF (2014): 3.733
143. Žilić, D.; Rakvin, B.; Milic, Dalibor; Pajić, D.; Dilovic, Ivica; Cametti, Massimo; Dzolic, Zoran
Crystal structures and magnetic properties of a set of dihalo-bridged oxalamidato copper(II) dimers
DALTON TRANSACTIONS. **43** (31), 11877-11887 (2014)
DOI: [10.1039/c4dt00925h](https://doi.org/10.1039/c4dt00925h)
IF (2014): 4.197

144. Žugec, P.; Barbagallo, M.; Colonna, N.; Bosnar, D.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Duran, I.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Gunsing, F.; Gurusamy, P.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaeppler, F.; Karadimos, D.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Losito, R.; Manousos, A.; Marganec, J.; Martinez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Pignatari, M.; Plompen, A.; Praena, J.; Quesada, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Schillebeeckx, P.; Schmidt, S.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T. (n_TOF Collaboration)
Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility
PHYSICAL REVIEW C. **89** (1), 14605 (2014)
DOI: [10.1103/PhysRevC.89.014605](https://doi.org/10.1103/PhysRevC.89.014605)
IF (2014): 3.733
145. Žugec, P.; Colonna, N.; Bosnar, D.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortes, G.; Cortes-Giraldo, M. A.; Diakaki, M.; Domingo-Pardo, C.; Dressler, R.; Duran, I.; Dzysiuk, N.; Eleftheriadis, C.; Ferrari, A.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Gunsing, F.; Gurusamy, P.; Heinitz, S.; Jenkins, D. G.; Jericha, E.; Kadi, Y.; Kaeppler, F.; Karadimos, D.; Kivel, N.; Koehler, P.; Kokkoris, M.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Lomeo, S.; Losito, R.; Manousos, A.; Marganec, J.; Mart-Nez, T.; Massimi, C.; Mastinu, P. F.; Mastromarco, M.; Meaze, M.; Mendoza, E.; Mengoni, A.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praenam, J.; Quesadam, J. M.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmiento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T. (n_TOF Collaboration)
GEANT4 simulation of the neutron background of the C_6D_6 set-up for capture studies at n_TOF
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. **760**, 57-67 (2014)

DOI: [10.1016/j.nima.2014.05.048](https://doi.org/10.1016/j.nima.2014.05.048)

IF (2014): 1.216

146. Žugec, P.; Colonna, N.; Bosnar, D.; Mengoni, A.; Altstadt, S.; Andrzejewski, J.; Audouin, L.; Barbagallo, M.; Becares, V.; Becvar, F.; Belloni, F.; Berthoumieux, E.; Billowes, J.; Boccone, V.; Brugger, M.; Calviani, M.; Calvino, F.; Cano-Ott, D.; Carrapico, C.; Cerutti, F.; Chiaveri, E.; Chin, M.; Cortes, G.; Cortes-Giraldo, M. A.; Cosentino, L.; Diakaki, M.; Domingo-Pardo, C.; Dressler, R.; Duran, I.; Eleftheriadis, C.; Ferrari, A.; Finocchiaro, P.; Fraval, K.; Ganesan, S.; Garcia, A. R.; Giubrone, G.; Gomez-Hornillos, M. B.; Goncalves, I. F.; Gonzalez-Romero, E.; Griesmayer, E.; Guerrero, C.; Günsing, F.; Gurusamy, P.; Heinitz, S.; Jenkins, D. G.; Jericha, E.; Kaepfeler, F.; Karadimos, D.; Kivel, N.; Kokkoris, M.; Krticka, M.; Kroll, J.; Langer, C.; Lederer, C.; Leeb, H.; Leong, L. S.; Lo Meo, S.; Losito, R.; Manousos, A.; Marganec, J.; Martinez, T.; Massimi, C.; Mastinu, P.; Mastro marco, M.; Mendoza, E.; Milazzo, P. M.; Mingrone, F.; Mirea, M.; Mondalaers, W.; Musumarra, A.; Paradela, C.; Pavlik, A.; Perkowski, J.; Plompen, A.; Praena, J.; Quesada, J.; Rauscher, T.; Reifarth, R.; Riego, A.; Roman, F.; Rubbia, C.; Sarmento, R.; Saxena, A.; Schillebeeckx, P.; Schmidt, S.; Schumann, D.; Tagliente, G.; Tain, J. L.; Tarrío, D.; Tassan-Got, L.; Tsinganis, A.; Valenta, S.; Vannini, G.; Variale, V.; Vaz, P.; Ventura, A.; Versaci, R.; Vermeulen, M. J.; Vlachoudis, V.; Vlastou, R.; Wallner, A.; Ware, T.; Weigand, M.; Weiss, C.; Wright, T. (n_TOF Collaboration)
Measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis
PHYSICAL REVIEW C. **90** (2), 21601 (2014)
DOI: [10.1103/PhysRevC.90.021601](https://doi.org/10.1103/PhysRevC.90.021601)
IF (2014): 3.733