

Full list of publications

1. *Three new low-energy resonances in the $^{22}\text{Ne}(p,\gamma)^{23}\text{Mg}$ reaction*
F. Cavanna, R. Depalo, M. Aliotta, M. Anders, D. Bemmerer, A. Best, A. Böltzig, C. Brogгинi, C.G. Bruno, A. Caciolli, P. Corvisiero, T. Davinson, A. Di Leva, Z. Elekes, F. Ferraro, A. Formicola, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, R. Menegazzo, V. Mossa, V.R. Pantaleo, P. Prati, D.A. Scott, E. Somorjai O. Straniero, F. Strieder, T. Szücs, D.Trezzi
Phys. Rev. Lett. (2015, accepted)
2. *Resonance strengths in the $^{17,18}\text{O}(p,\alpha)^{15,14}\text{N}$ reactions and background suppression underground*
C.G. Bruno, D.A. Scott, A. Formicola, M. Aliotta, T. Davinson, M.Anders, A. Best, D. Bemmerer, C. Brogгинi, A. Caciolli, F. Cavanna, P. Corvisiero, R. Depalo, A. Di Leva, Z. Elekes, Zs. Fülöp, G. Gervino, C.J. Griffin, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, R. Menegazzo, P. Prati, E. Somorjai, C. Salvo, O. Straniero, F. Strieder, T. Szücs, F.Terrasi, and D.Trezzi
Eur. Phys. J. A 51 (2015) 94
3. *Measurement of the $^{12}\text{C}(^{12}\text{C},p)^{23}\text{Na}$ cross section to the Gamow energy*
J. Zickefoose, A. Di Leva, F. Strieder, L. Gialanella, G. Imbriani, N. DeCesare, C. Rolfs, J. Schweitzer, T. Spillane, O. Straniero, and F. Terrasi
Phys. Rev. C (2015, in preparation)
4. *A new study of the $^{22}\text{Ne}(p,\gamma)^{23}\text{Mg}$ reaction deep underground: Feasibility, setup and first observation of the 186 keV resonance*
F. Cavanna, R. Depalo, M.-L. Menzel, M. Aliotta, M. Anders, D. Bemmerer, C. Brogгинi, C.G. Bruno, A. Caciolli, P. Corvisiero, T. Davinson, A. Di Leva, Z. Elekes, F. Ferraro, A. Formicola, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, R. Menegazzo, P. Prati, C. Rossi Alvarez, D.A. Scott, E. Somorjai O. Straniero, F. Strieder, T. Szücs, and D.Trezzi
Eur. Phys. J. A 50 (2014) 179
5. *Monte Carlo Uncertainty of the $^3\text{He}(\alpha,\gamma)^7\text{Be}$ reaction rate*
R. J. deBoer, J. Görres, K. Smith, E. Uberseder, M. Wiescher, A. Kontos, G. Imbriani, A. Di Leva, F. Strieder
Phys. Rev. C 90 (2014) 035804
6. *Underground study of the $^{17}\text{O}(p,\gamma)^{18}\text{F}$ reaction for explosive hydrogen burning*
A. Di Leva, D.A. Scott, A. Caciolli, A. Formicola, F. Strieder, M. Aliotta, M.Anders, D. Bemmerer, C. Brogгинi, P. Corvisiero, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, J. Jose, M. Junker, M. Laubenstein, R. Menegazzo, E. Napolitani, P. Prati, V. Rigato, V. Roca, E. Somorjai, C. Salvo, O. Straniero, T. Szücs, F.Terrasi, and D.Trezzi
Phys. Rev. C 89 (2014) 015803
7. *Cross section measurements at astrophysically relevant energies: The LUNA experiment*
A. Formicola, C.G. Bruno, A. Caciolli, F. Cavanna, R. Depalo, A. Di Leva, D.A. Scott, D. Trezzi, M. Aliotta, M. Anders, D. Bemmerer, C. Brogгинi, P. Corvisiero, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, R. Menegazzo, P. Prati, E. Somorjai, O. Straniero, F. Strieder, T. Szücs
Nuclear Instruments and Methods in Physics Research A 742 (2014) 258
8. *Impact of a revised $^{25}\text{Mg}(p,\gamma)^{26}\text{Al}$ reaction rate on the operation of the Mg-Al cycle*
O. Straniero, G. Imbriani, F. Strieder, M. Junker, D. Bemmerer, C. Brogгинi, A. Caciolli, P. Corvisiero, H. Costantini, S. Cristallo, A. DiLeva, Z. Elekes, A. Formicola, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, A. Lemut, B. Limata, M. Marta, C. Mazzocchi, R. Menegazzo, I. Piersanti, P. Prati, V. Roca, C. Rolfs, C. Rossi Alvarez, E. Somorjai, F. Terrasi, and H.-P. Trautvetter
Astrophys. J. 763 (2013) 100

9. *First Direct Measurement of the $^{17}\text{O}(p,\gamma)^{18}\text{F}$ Reaction Cross-Section at Gamow Energies for Classical Novae*
D.A. Scott, A. Cacioli, A. Di Leva, A. Formicola, M. Aliotta, M. Anders, D. Bemmerer, C. Brogгинi, M. Campeggio, P. Corvisiero, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, M. Laubenstein, M. Marta, R. Menegazzo, E. Napolitani, P. Prati, V. Rigato, V. Roca, E. Somorjai, C. Salvo, O. Straniero, F. Strieder, T. Szücs, F. Terrasi, and D. Trezzi
Phys. Rev. Lett. 109 (2012) 202501
10. *Preparation and characterisation of isotopically enriched Ta_2O_5 targets for nuclear astrophysics studies*
A. Cacioli, D. A. Scott, A. Di Leva, A. Formicola, M. Aliotta, M. Anders, A. Bellini, D. Bemmerer, C. Brogгинi, M. Campeggio, P. Corvisiero, R. Depalo, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, G. Imbriani, M. Junker, M. Marta, R. Menegazzo, E. Napolitani, P. Prati, V. Rigato, V. Roca, C. Rolfs, C. Rossi Alvarez, E. Somorjai, C. Salvo, O. Straniero, F. Strieder, T. Szücs, F. Terrasi, H.P. Trautvetter, and D. Trezzi
Eur. Phys. J A 48 (2012) 144
11. *Measurement of γ rays from $^{15}\text{N}(p,\gamma)^{16}\text{O}$ cascade and $^{15}\text{N}(p,\alpha\gamma)^{12}\text{C}$ reactions*
G. Imbriani, R. J. deBoer, A. Best, M. Couder, G. Gervino, J. Görres, P. J. LeBlanc, H. Leiste, A. Lemut, E. Stech, F. Strieder, E. Uberseder, and M. Wiescher
Phys. Rev. C 85 (2012) 065810
12. *The astrophysical S factor of $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ at stellar energy*
D. Schürmann, L. Gialanella, R. Kunz, F. Strieder
Phys. Lett. B 711 (2012) 35
13. *The $^{25}\text{Mg}(p,\gamma)^{26}\text{Al}$ Reaction at Astrophysical Energies*
F. Strieder, B. Limata, A. Formicola, G. Imbriani, M. Junker, H.W. Becker, D. Bemmerer, A. Best, R. Bonetti, C. Brogгинi, A. Cacioli, P. Corvisiero, H. Costantini, A. DiLeva, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, A. Lemut, M. Marta, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi Alvarez, C. Salvo, E. Somorjai, O. Straniero, F. Terrasi, and H.-P. Trautvetter
Phys. Lett. B 707 (2012) 60
14. *Study of the 6.05 MeV cascade transition in $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$*
D. Schürmann, A. Di Leva, L. Gialanella, R. Kunz, F. Strieder, N. De Cesare, M. De Cesare, A. D'Onofrio, K. Fortak, G. Imbriani, D. Rogalla, M. Romano, F. Terrasi
Phys. Lett. B 703 (2011) 557
15. *Revision of the $^{15}\text{N}(p,\gamma)^{16}\text{O}$ reaction rate and oxygen abundance in H -burning zones*
A. Cacioli, C. Mazzocchi, V. Capogrosso, D. Bemmerer, C. Brogгинi, P. Corvisiero, H. Costantini, Z. Elekes, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, M. Junker, R. Kunz, A. Lemut, M. Marta, R. Menegazzo, S. Palmerini, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, H. P. Trautvetter, and A. Vomiero
Astron. Astrophys. 533 (2011) A66
16. *The $^{14}\text{N}(p,\gamma)^{15}\text{O}$ reaction studied with a composite germanium detector*
M. Marta, A. Formicola, D. Bemmerer, C. Brogгинi, A. Cacioli, P. Corvisiero, H. Costantini, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, M. Junker, A. Lemut, B. Limata, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, H. P. Trautvetter, and A. Vomiero
Phys. Rev C 83 (2011) 045804
17. *Solar fusion cross sections II: the pp chain and CNO bi-cycle I*
E.G. Adelberger, A. B. Balantekin, D. Bemmerer, C.A. Bertulani, J.-W. Chen, H. Costantini, M. Couder, M. Wiescher, R. Cyburt, B. Davids, S.J. Freedman, M. Gai, A. Garcia, D. Gazit, L. Gialanella, U. Greife, M. Hass, W.C. Haxton, K. Heeger, G. Imbriani, T. Itahashi, A. Junghans, K. Kubodera, K. Langanke, D.

- Leitner, M. Leitner, L.E. Marcucci, T. Motobayashi, A. Mukhamedzhanov, K.M. Nollett, F.M. Nunes, T.-S. Park, P.D. Parker, P. Prati, M. J. Ramsey-Musolf, R.G.H. Robertson, R. Schiavilla, E. Simpson, K. A. Snover, C. Spitaleri, F. Strieder, K. Sümmerer, H.-P. Trautvetter, R.E. Tribble, S. Typel, E. Uberseder, P. Vettel, L. Winslow
Rev. Mod. Phys. 83 (2011) 195
18. *The ^{198}Au β -half-life in the metal Au revisited*
K. Fortak, R. Kunz, L. Gialanella, H.-W. Becker, J. Meijer, F. Strieder
Eur. Phys.J A 46 (2010) 161
19. *Constraining the S factor of $^{15}\text{N}(p,\gamma)^{16}\text{O}$ at Astrophysical Energies*
P. J. LeBlanc, G. Imbriani, J. Görres, M. Junker, R. Azuma, M. Beard, D. Bemmerer, A. Best, C. Brogгинi, A. Caciolli, P. Corvisiero, H. Costantini, M. Couder, R. deBoer, Z. Elekes, S. Falahat, A. Formicola, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, F. Käppeler, I. A. Kontos, R. Kunz, H. Leiste, A. Lemut, Q. Li, B. Limata, M. Marta, C. Mazzocchi, R. Menegazzo, S. O'Brien, A. Palumbo, P. Prati, V. Roca, C. Rolfs, C. Rossi Alvarez, E. Somorjai, E. Stech, O. Straniero, F. Strieder, W. Tan, F. Terrasi, H.P. Trautvetter, E. Uberseder, and M. Wiescher
Phys. Rev. C 82 (2010) 055804
20. *A new study of low-energy (p, γ) resonances on Magnesium isotopes*
B. Limata, F. Strieder, A. Formicola, G. Imbriani, M. Junker, H.W. Becker, D. Bemmerer, A. Best, R. Bonetti, C. Brogгинi, A. Caciolli, P. Corvisiero, H. Costantini, A. DiLeva, Z. Elekes, Zs. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, Gy. Gyürky, A. Lemut, M. Marta, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi Alvarez, C. Salvo, E. Somorjai, O. Straniero, F. Terrasi, and H.-P. Trautvetter
Phys. Rev. C 82 (2010) 015801
21. *An actively vetoed Clover γ -detector for nuclear astrophysics at LUNA*
T. Szücs, D. Bemmerer, C. Brogгинi, A. Caciolli, F. Confortola, P. Corvisiero, Z. Elekes, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, M. Junker, A. Lemut, M. Marta, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Eur. Phys.J A 44 (2010) 513
22. *Carbon burning in stars – Prospects for underground measurements of the $^{12}\text{C}+^{12}\text{C}$ fusion reactions*
F. Strieder
Journal of Physics Conf. Ser. 202 (2010) 012025
23. *Stellar and primordial nucleosynthesis of ^7Be : measurement of $^3\text{He}(\alpha,\gamma)^7\text{Be}$*
A. DiLeva, L. Gialanella, R. Kunz, D. Rogalla, D. Schürmann, F. Strieder, M. DeCesare, N. DeCesare, A. D'Onofrio, Z. Fülöp, Gy. Gyürky, G. Imbriani, G. Mangano, A. Ordine, V. Roca, C. Rolfs, M. Romano, E. Somorjai, and F. Terrasi
Phys. Rev. Lett. 102 (2009) 232502
24. *LUNA: a Laboratory Underground for Nuclear Astrophysics*
H. Costantini, A. Formicola, G. Imbriani, M. Junker, C. Rolfs, F. Strieder
Rep. Prog. Phys. 72 (2009) 086301
25. *Ultra-sensitive in-beam γ -ray spectroscopy for nuclear astrophysics at LUNA*
A. Caciolli, L. Agostino, D. Bemmerer, R. Bonetti, C. Brogгинi, F. Confortola, P. Corvisiero, H. Costantini, Z. Elekes, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, M. Junker, M. Laubenstein, A. Lemut, B. Limata, M. Marta, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Eur. Phys.J A 39 (2009) 179

26. *The $^3\text{He}(\alpha, \gamma)^7\text{Be}$ S-factor at solar energies: the prompt γ experiment at LUNA*
H. Costantini, D. Bemmerer, F. Comfortola, A. Formicola, G. Gyürky, P. Bezon, R. Bonetti, C. Broggin, P. Corvisiero, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Imbriani, M. Junker, M. Laubenstein, A. Lemut, B. Limata, V. Lozza, M. Marta, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Nucl. Phys. A 814 (2008) 144
27. *Precision study of ground state capture in the $^{14}\text{N}(p, \gamma)^{15}\text{O}$ reaction*
M. Marta, A. Formicola, G. Gyürky, D. Bemmerer, C. Broggin, A. Cacioli, P. Corvisiero, H. Costantini, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Imbriani, M. Junker, R. Kunz, A. Lemut, B. Limata, C. Mazzocchi, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, M. Romano, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, H. P. Trautvetter, and A. Vomiero
Phys. Rev C(R) 78 (2008) 022802
28. *Recoil Separator ERNA: measurements of $^3\text{He}(\alpha, \gamma)^7\text{Be}$*
A. DiLeva, M. DeCesare, D. Schürmann, N. DeCesare, A. D'Onofrio, L. Gialanella, R. Kunz, G. Imbriani, A. Ordine, V. Roca, C. Rolfs, D. Rogalla, M. Romano, E. Somorjai, F. Strieder, and F. Terrasi
Nucl. Instr. Meth.A 595 (2008) 381
29. *Lifetime measurement of the 6792 keV state in ^{15}O , important for the astrophysical S factor extrapolation in $^{14}\text{N}(p, \gamma)^{15}\text{O}$*
D. Schürmann, R. Kunz, I. Lingner, C. Rolfs, F. Schümann, F. Strieder, and H.-P. Trautvetter
Phys. Rev. C 77 (2008) 055803
30. *Reaction Data in Helium and Carbon Burning*
F. Strieder
Journal of Physics G 35 (2008) 014009
31. *First hint on a change of the ^{210}Po alpha-decay half-life in the metal Cu*
F. Raiola, T. Spillane, B. Limata, B. Wang, S. Yan, M. Aliotta, H. W. Becker, J. Cruz, M. Fonseca, L. Gialanella, A. P. Jesus, K. U. Kettner, R. Kunz, H. Luis, J. P. Ribeiro, C. Rolfs, M. Romano, D. Schürmann and F. Strieder
Eur. Phys. J. A 32 (2007) 51
32. *Astrophysical S-factor of the $^3\text{He}(\alpha, \gamma)^7\text{Be}$ reaction measured at low energy via prompt and delayed β detection*
F. Comfortola, D. Bemmerer, H. Costantini, A. Formicola, G. Gyürky, R. Bonetti, C. Broggin, P. Corvisiero, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Imbriani, M. Junker, M. Laubenstein, A. Lemut, B. Limata, V. Lozza, M. Marta, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Phys. Rev. C. 75 (2007) 065803
33. *$^3\text{He}(\alpha, \gamma)^7\text{Be}$ cross section at low energy*
G. Gyürky, F. Comfortola, H. Costantini, A. Formicola, D. Bemmerer, R. Bonetti, C. Broggin, P. Corvisiero, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Imbriani, M. Junker, M. Laubenstein, A. Lemut, B. Limata, V. Lozza, M. Marta, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Phys. Rev. C 75 (2007) 035805
34. *The ^{198}Au β -half-life in the metal Au*
T. Spillane, F. Raiola, S. Zheng, H.-W. Becker, L. Gialanella, K. U. Kettner, C. Rolfs, M. Romano, D. Schürmann, and F. Strieder
Eur. Phys. J.A 31 (2007) 203
35. *Study of the $^{12}\text{C}+^{12}\text{C}$ fusion reactions near the Gamow energy*
T. Spillane, F. Raiola, S. Zheng, H.-W. Becker, C. Bordeanu, L. Gialanella, C. Rolfs, M. Romano, D.

Schürmann, J. Schweitzer, and F. Strieder
Phys. Rev. Lett. 98 (2007) 122501

36. *Reaction data for light element nucleosynthesis*
F. Strieder and C. Rolfs
Prog.Part. Nuc. Phys. 59 (2007) 562
37. *Study of beam heating effect in a gas target through Rutherford scattering*
M. Marta, F. Confortola, D. Bemmerer, C. Boiano, R. Bonetti, C. Broggin, M. Casanova, P. Corvisiero, H. Costantini, Z. Elekes, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, M. Junker, A. Lemut, B. Limata, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, M. Romano, C. Rossi Alvarez, E. Somorjai, F. Strieder, F. Terrasi, H.P. Trautvetter
Nucl. Instr. Meth. A 569 (2006) 727
38. *Activation measurement of the ${}^3\text{He}(\alpha, \gamma){}^7\text{Be}$ cross section at low energy*
D. Bemmerer, F. Comfortola, H. Costantini, A. Formicola, G. Gyürky, R. Bonetti, C. Broggin, P. Corvisiero, Z. Elekes, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Imbriani, M. Junker, M. Laubenstein, A. Lemut, B. Limata, V. Lozza, M. Marta, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, C. Rossi-Alvarez, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Phys. Rev. Lett. 97 (2006) 122502
39. *Low energy measurement of the ${}^{14}\text{N}(p, \gamma){}^{15}\text{O}$ total cross section at the LUNA underground facility*
D. Bemmerer, F. Comfortola, A. Lemut, R. Bonetti, C. Broggin, P. Corvisiero, H. Costantini, J. Cruz, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, A.P. Jesus, M. Junker, B. Limata, R. Menegazzo, P. Prati, V. Roca, D. Rogalla, C. Rolfs, M. Romano, C. Rossi-Alvarez, F. Schümann, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, and H. P. Trautvetter
Nucl. Phys. A 779 (2006) 297
40. *Change of the ${}^7\text{Be}$ electron capture half-life in metallic environment*
B. Wang, S. Yan, B. Limata, F. Raiola, M. Aliotta, H.-W. Becker, J. Cruz, N. De Cesare, A. D'Onofrio, Z. Fülöp, L. Gialanella, G. Gyürky, G. Imbriani, A. Jesus, J.P. Ribeiro, V. Roca, D. Rogalla, C. Rolfs, M. Romano, D. Schürmann, E. Somorjai, F. Strieder, and F. Terrasi
Eur. Phys. J. A 28 (2006) 375
41. *First hints on a change of the ${}^{22}\text{Na}$ β^+ -decay half-life in the metal Pd*
B. Limata, F. Raiola, B. Wang, S. Yan, H.-W. Becker, A. D'Onofrio, L. Gialanella, V. Roca, C. Rolfs, M. Romano, D. Schürmann, F. Strieder, and F. Terrasi
Eur. Phys. J. A 28 (2006) 251
42. *High-Z electron screening: the cases ${}^{50}\text{V}(p, n){}^{50}\text{Cr}$ and ${}^{176}\text{Lu}(p, n){}^{176}\text{Hf}$*
K.-U. Kettner, H.-W. Becker, C. Rolfs, F. Strieder
Journal of Physics G 32 (2006) 489
43. *First measurement of the ${}^{14}\text{N}(p, \gamma){}^{15}\text{O}$ cross section down to 70 keV*
A. Lemut, D. Bemmerer, F. Comfortola, R. Bonetti, C. Broggin, P. Corvisiero, H. Costantini, J. Cruz, A. Formicola, Z. Fülöp, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, A.P. Jesus, M. Junker, B. Limata, R. Menegazzo, P. Prati, V. Roca, D. Rogalla, C. Rolfs, M. Romano, C. Rossi-Alvarez, F. Schümann, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, H. P. Trautvetter
Phys. Lett. B 634 (2006) 483
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F. Schümann, S. Typel, F. Hammache, K. Sümmerer, F. Uhlig, L. Böttcher, D. Cortina, A. Förster, M. Gai, H. Geissel, U. Greife, N. Iwasa, P. Koczon, B. Kohlmeyer, R. Kulesa, H. Kumagai, N. Kurz, M. Menzel, T. Motobayashi, H. Oeschler, A. Ozawa, M. Ploskon, W. Prokopowicz, E. Schwab, P. Senger, F. Strieder, C. Sturm, Zhi-Yu Sun, G. Surowka, A. Wagner, and W. Walus

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