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46 reference(s) found :

Keynumber: 2001FR10
Reference: Nucl.Sci.Eng. 137, 70 (2001)
Authors: F.H.Frohner, O.Bouland
Title: Treatment of External Levels in Neutron Resonance Fitting: Application to the nonfissile nuclide ^{52}Cr
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,γ), (n,X),E <1400 keV; calculated capture,transmission σ,inclusion of external levels in resonance fitting. Comparisons with data.

Keynumber: 1997VE03
Reference: Appl.Radiat.Isot. 48, 493 (1997)
Authors: L.Venturini, B.R.S.Pecequilo
Title: Thermal Neutron Capture Cross-Section of ^{48}Ti, ^{51}V, ^{50}, ^{52}, ^{53}Cr and ^{58}, ^{60}, ^{62}, ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{48}Ti, ^{51}V, ^{50}, ^{52}, ^{53}Cr, ^{58}, ^{60}, ^{62}, ^{64}Ni(n,γ),E=thermal; measured Eγ,Iγ; deduced capture σ.

Keynumber: 1995MO40
Reference: Aust.J.Phys. 48, 125 (1995)
Authors: A.J.Morton, D.G.Sargood
Title: Thermonuclear Reactions Rates for Reactions Leading to N = 28 Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{44}, ^{46}K, ^{46}, ^{47}, ^{48}Ca, ^{45}, ^{47}, ^{48}, ^{49}, ^{50}Sc, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti, ^{47}, ^{48}, ^{49}, ^{50}, ^{51}V, ^{48}, ^{49}, ^{50}, ^{51}, ^{52}Cr, ^{51}, ^{52}, ^{53}Mn, ^{52}, ^{53}, ^{54}Fe, ^{55}Co(n,γ), (n,p), (n,α), (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E not given; ^{56}Ni(n,γ), (n,p), (n,α), (α,γ), (α,n), (α,p),E not given; ^{46}Ar, ^{45}, ^{47}K (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E not given; calculated stellar reaction rates vs temperature. Statistical model calculations,optical-model potential.

Keynumber: 1989RO02
Reference: Phys.Rev. C39, 426 (1989)
Authors: G.Rohr, R.Shelley, A.Brusegan, F.Poortmans, L.Mewissen
Title: Nonstatistical Effects Observed with ^{52}Cr + n Resonances
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,n), (n,γ),E=1-1000 keV; measured total,capture σ (E). ^{53}Cr deduced resonances,parameters,Γ(n),Γ(γ),J,l,average level spacing,s-wave,p-wave strength functions,local parity dependence.

Keynumber: 1987LI05
Reference: Chin.J.Nucl.Phys. 9, 21 (1987)
Authors: Liu Zianfeng, Ho Yukun
Title: Non-Statistical Effects in the Radiative Neutron Capture at the 3s Giant Resonance Region
Keyword abstract: NUCLEAR REACTIONS ^{40}Ca, ^{48}Ti, ^{52}Cr, ^{56}Fe, ^{64}Ni, ^{74}Ge(n,γ),E=0.1-3 MeV; calculated σ(E). ^{41}Ca, ^{49}Ti, ^{53}Cr, ^{57}Fe, ^{65}Ni, ^{75}Ge deduced neutron giant resonance strength. Statistical,nonstatistical effects.

Keynumber: 1986HO29
Reference: Radiat.Eff. 95, 47 (1986)
Authors: Y.Ho, J.Liu

Title: GRS: A Statistical and Non-Statistical Model Code for Calculations of Cross Sections and Gamma-Ray Spectra

Keyword abstract: NUCLEAR REACTIONS ^{52}Cr, ^{56}Fe(n,γ),E=0.1 MeV; calculated Eγ,Iγ. Statistical,non-statistical models.

Keynumber: 1986HLZZ
Reference: Proc.Inter.Conf.on Fast Neutron Physics, Dubrovnik, Yugoslavia, May 26-31, 1986, D.Miljanic, B.Antolkovic, G.Paic, Eds., Ruder Boskovic Institute, Zagreb, p.288 (1986)
Authors: S.Hlavac, P.Oblozinsky

Title: Discrete γ Ray Production Cross Sections in ^{52}Cr(n,xγ) at 14.6 MeV

Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,γ),E=14.6 MeV; measured γ-ray spectra,γ(θ); deduced production σ. Enriched target,activation method.

Keynumber: 1986BR12
Reference: Radiat.Eff. 93, 297 (1986)
Authors: A.Brusegan, R.Buyl, F.Corvi, L.Mewissen, F.Poortmans, G.Rohr, R.Shelley, T.Van Der Veen, I.Van Marcke

Title: High Resolution Neutron Capture and Total Cross Section Measurements of ^{50}Cr, ^{52}Cr and ^{53}Cr

Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr(n,γ), (n,X),E ≤ 800 keV; measured transmission,capture γ yield. ^{51}, ^{53}, ^{54}Cr deduced resonances,J,L,gΓn,gΓγ.

Keynumber: 1983SA30
Reference: Aust.J.Phys. 36, 583 (1983)
Authors: D.G.Sargood
Title: Effect of Excited States on Thermonuclear Reaction Rates

Keyword abstract: NUCLEAR REACTIONS,ICPND ^{20}, ^{21}, ^{22}Ne, ^{23}Na, ^{24}, ^{25}, ^{26}Mg, ^{27}Al, ^{28}, ^{29}, ^{30}Si, ^{31}P, ^{32}, ^{33}, ^{34}, ^{36}S, ^{35}, ^{37}Cl, ^{36}, ^{38}, ^{40}Ar, ^{39}, ^{40}, ^{41}K, ^{40}, ^{42}, ^{43}, ^{44}, ^{46}, ^{48}Ca, ^{45}Sc, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti, ^{50}, ^{51}V, ^{50}, ^{52}, ^{53}, ^{54}Cr, ^{55}Mn, ^{54}, ^{56}, ^{57}, ^{58}Fe, ^{59}Co, ^{58}, ^{60}, ^{61}, ^{62}, ^{64}Ni, ^{63}, ^{65}Cu, ^{64}, ^{66}, ^{67}Zn(n,γ), (n,p), (n,α), (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p), ^{70}Zn(p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E=low; compiled target thermal distribution energy state to ground state thermonuclear reaction rate of reaction σ vs temperature. Statistical model.

Keynumber: 1982RA32
Reference: Indian J.Pure Appl.Phys. 20, 627 (1982)
Authors: S.K.Rathi, V.P.Varshney, H.M.Agrawal
Title: Calculations of Neutron Capture Cross-Sections for some Nuclei using Bilpuch Formula

Keyword abstract: NUCLEAR REACTIONS ^{40}, ^{43}Ca, ^{52}, ^{53}Cr, ^{54}, ^{56}Fe, ^{88}Sr, ^{90}, ^{91}, ^{92}, ^{94}Zr, ^{93}Nb, ^{92}, ^{94}, ^{95}, ^{96}, ^{97}, ^{98}, ^{100}Mo, ^{138}Ba, ^{139}La, ^{140}Ce, ^{203}Tl(n,γ),E=24 keV; calculated σ(capture). Experimental parameters,Bilpuch formula.

Keynumber: 1981RA01
Reference: J.Phys.(London) G7, 53 (1981)
Authors: S.K.Rathi, H.M.Agarwal
Title: P-Wave Neutron Strength Functions

Keyword abstract: NUCLEAR REACTIONS ^{43}Ca, ^{52}Cr, ^{56}Fe, ^{88}Sr, ^{89}Y, ^{90}, ^{92}, ^{94}Zr, ^{93}Nb, ^{92}, ^{94}, ^{95}, ^{96}, ^{97}, ^{98}, ^{100}Mo, ^{138}Ba, ^{139}La, ^{140}Ce, ^{203}Tl(n,γ),E=24 keV; analyzed σ. ^{44}Ca, ^{53}Cr, ^{57}Fe, ^{89}Sr, ^{90}Y, ^{91}, ^{93}, ^{95}Zr, ^{94}Nb, ^{93}, ^{95}, ^{96}, ^{97}, ^{98}, ^{99}, ^{101}Mo, ^{139}Ba, ^{140}La, ^{141}Ce, ^{204}Tl deduced p-wave strength function.

Keynumber: 1981GU15
Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 45, 2093 (1981)
Authors: V.G.Guba, M.G.Urin
Title: Problem of Effective Charge in the Theory of Valence Mechanism of E1-Photoabsorption
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr, ^{90}Zr(n,γ),E not given; calculated E1 γ-strength function. Valence model,effective charge.

Keynumber: 1980PIZN
Coden: CONF Kiev(Neutron Physics) Proc,Part3,P270,Pisanko
Keyword abstract: NUCLEAR REACTIONS ^{22}, ^{23}Na,Mg, ^{24}, ^{25}, ^{26}Mg, ^{27}Al,Si, ^{28}, ^{29}, ^{30}Si, ^{31}P,S, ^{32}, ^{33}, ^{34}S,Cl, ^{35}, ^{36}, ^{37}Cl,Ar, ^{36}, ^{38}, ^{40}Ar,K, ^{39}, ^{40}, ^{41}K,Ca, ^{40}, ^{42}, ^{43}, ^{44}, ^{46}, ^{48}Ca, ^{45}, ^{46}Sc,Ti, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti,V, ^{50}, ^{51}V,Cr, ^{50}, ^{52}, ^{53}, ^{54}Cr,Fe, ^{54}, ^{56}, ^{57}, ^{58}Fe, ^{59}Co,Ni, ^{58}, ^{59}, ^{60}, ^{61}, ^{62}, ^{64}Ni,Cu, ^{63}, ^{65}Cu,Zn, ^{64}, ^{66}, ^{67}, ^{68}, ^{70}Zn,Ga, ^{69}, ^{71}Ga(n,γ), (n,n), (n,α),E=thermal; evaluated σ,radiative capture resonance integrals.

Keynumber: 1980KO01
Reference: Nucl.Phys. A334, 35 (1980)
Authors: J.Kopecky, R.E.Chrien, H.I.Liou
Title: Resonance Neutron Capture in ^{52}Cr
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,γ),E=thermal,1626 eV; measured Eγ,Iγ; deduced Q. ^{53}Cr levels deduced J. Natural,enriched targets.

Keynumber: 1980IS02
Reference: Can.J.Phys. 58, 168 (1980)
Authors: M.A.Islam, T.J.Kennett, S.A.Kerr, W.V.Prestwich
Title: A Self-Consistent Set of Neutron Separation Energies
Keyword abstract: NUCLEAR REACTIONS ^{1}H, ^{9}Be, ^{14}N, ^{24}, ^{25}Mg, ^{27}Al, ^{28}, ^{29}Si, ^{32}S, ^{35}Cl, ^{40}, ^{44}Ca, ^{47}, ^{48}, ^{49}Ti, ^{50}, ^{52}, ^{53}Cr, ^{55}Mn, ^{54}, ^{56}, ^{57}Fe(n,γ),E=thermal; measured Eγ,Iγ. ^{2}H, ^{10}Be, ^{25}, ^{26}Mg, ^{28}Al, ^{29}, ^{30}Si, ^{33}S, ^{36}Cl, ^{41}, ^{45}Ca, ^{48}, ^{49}, ^{50}Ti, ^{51}, ^{53}, ^{54}Cr, ^{56}Mn, ^{55}, ^{57}, ^{58}Fe deduced Q,neutron binding energy.

Keynumber: 1979ASZZ
Reference: NEANDC(J)-61/U, p.14 (1979)
Authors: T.Asami, N.Sekine
Title: Evaluation of Cr Neutron Cross Sections for JENDL-2
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}, ^{54}Cr(n,γ), (n,n), (n,n'), (n,2n), (n,p), (n,α), (n,n'p),E=.0001 ev-20 MeV; evaluated σ. Multi-level Breit-Wigner formula,optical,statistical model analyses.

Keynumber: 1975BE07
Reference: Nucl.Phys. A240, 29 (1975)
Authors: H.Beer, R.R.Spencer
Title: keV Neutron Radiative Capture and Total Cross Section of ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, and ^{62}, ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ),E=5-200 keV; ^{50}, ^{52}Cr, ^{54}Fe, ^{62}, ^{64}Ni(n,t),E=10-300 keV; measured σ(E,Eγ),σ(E,Et). ^{51}, ^{53}, ^{54}Cr, ^{55}, ^{58}Fe, ^{63}, ^{65}Ni deduced resonances,J,L,n-width,γ-width. Enriched targets.

Keynumber: 1975ALZW
Coden: JOUR BAPSA 20 150 EB16
Keyword abstract: NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{40}Ca, ^{48}Ti, ^{52}Cr, ^{90}Zr, ^{138}Ba(n,γ),E >2.5 keV; measured σ(Eγ).

Keynumber: 1974LU04
Reference: Nucl.Phys. A230, 83 (1974)
Authors: M.Lubert, N.C.Francis, R.C.Block
Title: Correlations between Reduced Neutron and Radiative Widths in Neutron Resonances
Keyword abstract: NUCLEAR REACTIONS ^{61}Ni, ^{57}Fe, ^{53}Cr(γ,n), ^{60}Ni, ^{56}Fe, ^{52}Cr(n,γ),E=thermal; calculated σ. ^{61}Ni, ^{57}Fe, ^{53}Cr resonances deduced γ-width.

Keynumber: 1974KEZR
Coden: REPT INDC(SWT)-5/L
Keyword abstract: RADIOACTIVITY ^{22}, ^{24}Na, ^{46}Sc, ^{51}Cr, ^{54}Mn, ^{56}, ^{57}, ^{60}Co, ^{88}Y, ^{94}Nb, ^{140}La, ^{203}Hg, ^{207}Bi, ^{208}Tl, ^{241}Am, ^{182}Ta, ^{192}Ir, ^{110m}Ag, ^{180m}Hf; measured nothing, compiled Eγ. ^{56}Co, ^{180m}Hf, ^{137}Cs, ^{198}Au, ^{57}Co, ^{108m}Ag, ^{22}Na, ^{24}Na, ^{46}Sc, ^{60}Co, ^{228}Th; measured nothing,compiled Iγ.
Keyword abstract: NUCLEAR REACTIONS ^{53}Cr(n,γ), ^{48}Ti(n,γ), ^{52}Cr(n,γ); measured nothing,compiled Eγ,Iγ.

Keynumber: 1974FR15
Reference: Acta Phys.Austr. 40, 365 (1974)
Authors: N.Frenes, W.Hofmann, M.Uhl, H.Warhanek
Title: Bestimmung des differentiellen Wirkungsquerschnittes d sigma(E)/dE der Reaktion ^{52}Cr(n,γ)^{53}Cr
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,γ),E=14 MeV; measured σ(Eγ). ^{53}Cr deduced levels.

Keynumber: 1974BEXF
Coden: REPT KFK-2063,CRL
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ),E <300 keV; measured σ(E,Eγ). ^{51}, ^{53}, ^{54}Cr, ^{55}, ^{58}Fe, ^{63}, ^{65}Ni deduced resonances.

Keynumber: 1973SP06
Reference: Nucl.Phys. A215, 260 (1973)
Authors: A.M.J.Spits, J.A.Akkermans
Title: Investigation of the Reaction ^{37}Cl(n,γ)^{38}Cl
Keyword abstract: NUCLEAR REACTIONS ^{37}Cl, ^{32}S, ^{50}, ^{52}, ^{53}Cr, ^{56}Fe(n,γ),E=thermal; measured Eγ,Iγ; deduced Q. ^{38}Cl deduced levels,γ-branching.
Keyword abstract: RADIOACTIVITY ^{38}Cl; measured Eγ,Iγ. Deduced β- branching, ^{38}Ar deduced transitions. Natural, ^{37}Cl enriched target.

Keynumber: 1973LUZI
Coden: REPT COO-3058-39 P34 mf
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr, ^{60}Ni(n,γ),E=thermal; calculated σ. ^{53}Cr, ^{61}Ni resonances deduced γ-width.

Keynumber: 1973LAYM

Coden: REPT LF-42 P1
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr(n,γ), measured σ(Eγ). ^{51}, ^{53}, ^{54}Cr deduced levels.

Keynumber: 1973FRZJ
Coden: REPT INDC(SEC)-36/L P6
Keyword abstract: NUCLEAR REACTIONS ^{52}Cr(n,γ); measured Eγ.

Keynumber: 1973BEWY
Coden: REPT EANDC(E)157-U,P1
Keyword abstract: NUCLEAR REACTIONS ^{54}, ^{57}Fe, ^{50}, ^{52}, ^{53}Cr, ^{62}, ^{64}Ni(n,γ),E=5-200 keV; measured σ.

Keynumber: 1972LO26
Reference: Nucl.Instrum.Methods 105, 453 (1972)
Authors: G.D.Loper, G.E.Thomas
Title: Gamma-Ray Intensity Standards: the Reactions ^{14}N(n,γ)^{15}N, ^{35}Cl(n,γ)^{36}Cl and ^{53}Cr(n,γ)^{54}Cr
Keyword abstract: NUCLEAR REACTIONS ^{35}Cl, ^{50}, ^{52}, ^{53}Cr, ^{14}N, ^{207}Pb(n,γ);E=thermal; ^{36}Cl, ^{51}, ^{53}, ^{54}Cr measured Eγ,Iγ.

Keynumber: 1972LAYI
Coden: REPT NP-19337,P1
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr(n,γ); ^{51}, ^{53}, ^{54}Cr deduced levels.

Keynumber: 1972KOZJ
Coden: CONF Budapest,Contributions,P234,J Kopecky,10/13/72
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}Cr, ^{54}Fe, ^{60}, ^{62}Ni(n,γ); measured γ-CP. ^{51}, ^{53}Cr, ^{55}Fe, ^{61}, ^{63}Ni levels deduced L(n),J.

Keynumber: 1972KO15
Reference: Nucl.Phys. A188, 535 (1972)
Authors: J.Kopecky, K.Abrahams, F.Stecher-Rasmussen
Title: Study of the (n,γ) Reaction in the Mass Region A = 50 - 63
Keyword abstract: NUCLEAR REACTIONS ^{50}Cr, ^{52}Cr, ^{54}Fe, ^{60}Ni, ^{62}Ni(polarized n,γ);E= thermal; measured Eγ,Iγ,γ-CP; deduced Q. ^{51}Cr, ^{53}Cr, ^{55}Fe, ^{61}Ni, ^{63}Ni levels deduced J. Enriched targets.

Keynumber: 1972KN03
Reference: Nucl.Phys. A194, 458 (1972)
Authors: V.A.Knatko, E.A.Rudak
Title: Phonon-Particle Doorway States in (n,γ) Reactions on Nuclei with N = 28 and N = 82
Keyword abstract: NUCLEAR REACTIONS ^{50}Ti, ^{52}Cr, ^{54}Fe, ^{138}Ba, ^{140}Ce, ^{142}Nd(n,γ),E=thermal; analyzed σ(Eγ). ^{51}Ti, ^{53}Cr, ^{55}Fe, ^{139}Ba, ^{141}Ce, ^{143}Nd calculated levels,wave functions,B(E1); analyzed phonon-particle doorway states.

Keynumber: 1972KN02
Reference: Yad.Fiz. 15, 1132 (1972); Sov.J.Nucl.Phys. 15, 626 (1972)
Authors: V.A.Knatko, E.A.Rudak
Title: Doorway States of 'Phonon + Particle' Type in (n,γ) Reactions with N = 28 and N = 82 Nuclei

Keyword abstract: NUCLEAR REACTIONS ^{50}Ti, ^{52}Cr, ^{54}Fe, ^{138}Ba, ^{140}Ce, ^{142}Nd(n,γ),E=thermal; calculated E1 Iγ. ^{51}Ti, ^{53}Cr, ^{55}Fe, ^{139}Ba, ^{141}Ce, ^{143}Nd analyzed E1 transitions,doorway states.

Keynumber: 1972BEVV
Coden: REPT KFK-1676 P3
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ); measured σ(E).

Keynumber: 1971STZR
Coden: REPT RPI-328-218,P33,9/10/71
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}, ^{54}Cr, ^{60}Ni,V(n,γ),E <200 keV; measured σ (Eγ). ^{51}, ^{53}, ^{54}, ^{55}Cr, ^{61}Ni, ^{52}V deduced resonance parameters.

Keynumber: 1971ST07
Reference: Nucl.Phys. A163, 592 (1971)
Authors: R.G.Stieglitz, R.W.Hockenbury, R.C.Block
Title: keV Neutron Capture and Transmission Measurements on ^{50}Cr, ^{52}Cr, ^{53}Cr, ^{54}Cr, ^{60}Ni and V
Keyword abstract: NUCLEAR REACTIONS V, ^{50}Cr, ^{52}Cr, ^{53}Cr, ^{54}Cr, ^{60}Ni(n,γ),En=0.1 to 200 keV,, (n,t),En=0.1 to 350 keV; measured capture yield, transmission versus En; deduced σ(nγ), σ(nT),n-width,level spacing, R'. ^{51}, ^{53}, ^{54}, ^{55}Cr, ^{61}Ni deduced resonances J,L,n-width,γ-width,Aγ. Enriched targets.

Keynumber: 1971KOZI
Coden: JOUR NTNAA 37 396,J Kopecky
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}Cr, ^{54}, ^{57}Fe, ^{60}, ^{62}Ni(n,γ),E=thermal; measured γ-CP,Q,Eγ,Iγ. ^{51}, ^{53}Cr, ^{55}, ^{58}Fe, ^{61}, ^{63}Ni deduced levels,J,π.

Keynumber: 1971BR19
Reference: Yad.Fiz. 13, 233 (1971); Sov.J.Nucl.Phys. 13, 129 (1971)
Authors: D.L.Broder, A.F.Gamalii, B.V.Zemtsev, B.V.Nesterov, L.P.Khamyanov
Title: γ Radiation in the Capture of Thermal Neutrons by Cr Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr(n,γ),E=thermal; measured Eγ,Iγ. ^{51}, ^{53}, ^{54}Cr deduced levels,J,π,γ-branching. Ge(Li) detector.

Keynumber: 1971BLZS
Coden: CONF CONF-710301(Knoxville),Vol2,P889,11/2/71
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}, ^{54}Cr,V, ^{60}Ni(n,γ),E=resonance; analyzed available data. ^{51}, ^{53}, ^{54}, ^{55}Cr, ^{52}V, ^{61}Ni deduced resonance parameters.

Keynumber: 1970STZY
Coden: THESIS R G Stieglitz, RPI, DABBB 31B 6822
Keyword abstract: NUCLEAR REACTIONS V, ^{60}Ni, ^{50}, ^{52}, ^{53}, ^{54}Cr(n,X), (n,γ),E <300 keV; measured transmission,σ(E;Eγ). ^{61}Ni, ^{51}, ^{53}, ^{54}, ^{55}Cr deduced resonance parameters.

Keynumber: 1970CV01
Reference: Nucl.Phys. A158, 251 (1970)
Authors: F.Cvelbar, A.Hudoklin, M.Potokar
Title: Comparison between the Activation Cross Sections and Integrated Cross Sections for the

Radiative Capture of 14 MeV Neutrons
Keyword abstract: NUCLEAR REACTIONS Mg, ^{27}Al,Si, ^{31}P, ^{32}S, ^{40}Ca, ^{51}V, ^{52}Cr, ^{55}Mn,Fe,Cu, Br,Se, ^{115}In, ^{127}I,Ba(n,γ),E=14 MeV; measured σ(Eγ); deduced integrated σ.

Keynumber: 1970BRZJ
Coden: REPT FEI-205,D Broder,5/29/72
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{56}Fe(n,γ); measured Eγ,Iγ. ^{51}, ^{53}, ^{54}Cr deduced levels,γ-branching.

Keynumber: 1970BLZS
Coden: REPT RPI-328-222, R C Block,10/13/71
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}, ^{54}Cr,V, ^{60}Ni(n,X), (n,γ),E=resonance; measured σ(E),σ(E,Eγ). ^{51}, ^{53}, ^{54}, ^{55}Cr deduced resonances,level-width.

Keynumber: 1969KE15
Reference: Yadern.Fiz. 10, 907 (1969); Soviet J.Nucl.Phys. 10, 524 (1970)
Authors: J.Kecskemeti, D.Kiss
Title: Measurement of Average Multiplicity in (n,γ) Reactions Induced by Thermal Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{23}Na, ^{27}Al, ^{31}P, ^{32}S, ^{35}Cl, ^{48}Ti, ^{51}V, ^{53}Cr, ^{52}Cr, ^{55}Mn, ^{56}Fe, ^{59}Co, ^{60}Ni,Ni,Cu, ^{63}Cu, Ge, ^{73}Ge, ^{75}As,Se,Br, Sr, Zr, ^{93}Nb,Mo, ^{103}Rh,Ag(n,γ) E=thermal; measured average γ multiplicity.

Keynumber: 1969CV02
Reference: Nucl.Phys. A130, 413 (1969)
Authors: F.Cvelbar, A.Hudoklin, M.V.Mihailovic, M.Najzer, M.Petrisic
Title: Radiative Capture of Neutrons in the Region of the Dipole Giant Resonance (II). Calculation
Keyword abstract: NUCLEAR REACTIONS ^{32}S, ^{52}Cr, ^{56}Fe(n,γ), E=14.1 MeV; calculated σ(Eγ).

Keynumber: 1968TS02
Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 32, 1972 (1968); Bull.Acad.Sci.USSR, Phys.Ser. 32, 1816 (1969)
Authors: F.Tsvelbar, A.Khudoklin, M.V.Mikhailovich, M.Naizher, M.Petrishich
Title: Coarse Structure of the Spectra of Gamma Rays Emitted in Radiative Capture of 14.1 MeV Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{51}V, ^{52}Cr, ^{55}Mn, ^{56}Fe(n,γ), E=14 MeV; measured σ (Eγ) ; deduced coarse structure.
