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40 reference(s) found :

Keynumber: 2000COZZ

Reference: Proc.10th Intern.Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Santa Fe, New Mexico, 30 August-3 September 1999, S.Wender, Ed., p.603 (2000); AIP Conf.Proc. 529 (2000)

Authors: F.Corminboeuf, L.Genilloud, J.Jolie, J.Kern, J.-L.Schenker

Title: Study of the Double- γ Vibration in ^{164}Dy using Cold Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$,E=low; measured E_{γ} , I_{γ} , $\gamma\gamma$ -coin. ^{164}Dy deduced levels,two-phonon vibrational state.

Keynumber: [1999V002](#)

Reference: Phys.Rev. C59, 1154 (1999)

Authors: F.Voss, K.Wisshak, C.Arlandini, F.Kappeler, L.Kazakov, T.Rauscher

Title: Stellar Neutron Capture Cross Sections of Pr and Dy Isotopes

Keyword abstract: NUCLEAR REACTIONS ^{141}Pr , 160 , 161 , 162 , 163 , $^{164}\text{Dy}(n,\gamma)$,E=3-225 keV; measured total,capture σ ; deduced Maxwellian averaged neutron capture σ at stellar energies. Astrophysical implications discussed.

Keynumber: 1999SU03

Reference: Yad.Fiz. 62, No 1, 24 (1999); Phys.Atomic Nuclei 62, 19 (1999)

Authors: A.M.Sukhovoi, V.A.Khitrov

Title: Experimental Estimate of the Density of Levels in a Heavy Nucleus That Are Excited in (n, γ) Reactions at Excitation Energies of 3 to 4 MeV

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , ^{123}Te , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , 162 , 163 , ^{164}Dy , ^{167}Er , 173 , ^{174}Yb , 177 , 178 , ^{180}Hf , 187 , ^{189}Os , ^{195}Pt , ^{199}Hg , ^{127}I , ^{159}Tb , ^{165}Ho , ^{169}Tm , ^{175}Lu , ^{181}Ta , ^{191}Ir , ^{197}Au , ^{124}Te , 182 , $^{185}\text{W}(n,\gamma)$,E=thermal; analyzed I_{γ} ; deduced non-exponential level densities.

Keynumber: 1999MI27

Reference: J.Nucl.Sci.Technol.(Tokyo) 36, 493 (1999)

Authors: S.Mizuno, M.Igashira, K.Masuda

Title: Measurements of keV-Neutron Capture Cross Sections and Capture Gamma-Ray Spectra of $^{161,162,163}\text{Dy}$

Keyword abstract: NUCLEAR REACTIONS 161 , 162 , $^{163}\text{Dy}(n,\gamma)$,E=10-90,550 keV; measured E_{γ} , I_{γ} ,capture σ . Comparison with evaluated data,previous measurements.

Keynumber: 1999BO14

Reference: Yad.Fiz. 62, No 5, 892 (1999); Phys.Atomic Nuclei 62, 832 (1999)

Authors: S.T.Boneva, E.V.Vasileva, L.I.Simonova, V.A.Bondarenko, A.M.Sukhovoi, V.A.Khitrov

Title: (n, γ) Reactions in Heavy Nuclei: Manifestations of nuclear structure at excitation energies up to the neutron binding energy

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , 123 , ^{124}Te , ^{127}I , 134 , 136 , 137 , ^{138}Ba , ^{139}La , 142 , 143 , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , ^{159}Tb , 162 , 163 , ^{164}Dy , ^{165}Ho , ^{167}Er , ^{169}Tm , 173 , 174 , ^{176}Yb , 175 , ^{176}Lu , 177 , 178 , 179 , ^{180}Hf , ^{181}Ta , 182 , ^{186}W , 187 , ^{189}Os , ^{191}Ir , ^{195}Pt , ^{197}Au , $^{199}\text{Hg}(n,\gamma)$,E not given; analyzed two-photon γ cascade data; deduced structure effects.

Keynumber: 1998WIZW

Reference: Proc.Intern.Symposium on Nuclear Astrophysics, Nuclei in the Cosmos V, Volos, Greece, July 6-11, 1998, N.Prantzos, S.Harissopoulos, Eds., Editions Frontieres, Paris, p.212 (1998)

Authors: K.Wisshak, F.Voss, C.Arlandini, F.Kappeler, T.Rauscher

Title: Neutron Capture in Dy and Yb Isotopes: Implications for the s-process

Keyword abstract: NUCLEAR REACTIONS ^{141}Pr , 160 , 161 , 162 , 163 , ^{164}Dy , 170 , 171 , 172 , 173 , 174 , $^{176}\text{Yb}(n,\gamma)$, $E=3\text{-}225$ keV; measured capture σ ; deduced stellar capture σ , s-process implications.

Keynumber: [1998LE03](#)

Reference: Phys.Rev. C57, 569 (1998)

Authors: H.Lehmann, J.Jolie, F.Corminboeuf, H.G.Borner, C.Doll, M.Jentschel, R.F.Casten, N.V.Zamfir

Title: Lifetimes of the Lowest $2^+(K(\pi) = 0^+)$ Levels in ^{168}Er and ^{164}Dy

Keyword abstract: NUCLEAR REACTIONS ^{167}Er , $^{163}\text{Dy}(n,\gamma)$, $E=\text{reactor}$; measured $E\gamma, I\gamma$. ^{168}Er , ^{164}Dy deduced levels $T_{1/2}$, $B(E2)B(M1)$, excited $K(\pi)=0^+$ band configurations. Gamma-ray induced Doppler broadening technique. Several models compared.

Keynumber: 1997SU29

Reference: Bull.Rus.Acad.Sci.Phys. 61, 1611 (1997)

Authors: A.M.Sukhovi, V.A.Khitrov

Title: Cascade Gamma Decay of the Compound State of Heavy Nucleus as Seen Experimentally

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , ^{127}I , ^{123}Te , 134 , 136 , 137 , ^{138}Ba , 142 , 143 , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , ^{159}Tb , ^{165}Ho , 162 , 163 , ^{164}Dy , ^{167}Er , ^{169}Tm , 173 , 174 , ^{176}Yb , 175 , ^{176}Lu , 177 , 178 , 179 , ^{180}Hf , ^{195}Pt , ^{199}Hg , ^{181}Ta , 182 , ^{186}W , ^{191}Ir , $^{197}\text{Au}(n,\gamma)$, $E=\text{thermal}$; analyzed γ spectra, $\gamma\gamma$ -coin. ^{114}Cd , ^{124}Te , 137 , 138 , ^{139}Ba , ^{146}Nd , ^{150}Sm , 156 , ^{158}Gd , ^{160}Tb , ^{164}Dy , ^{168}Er , ^{170}Tm , ^{174}Yb , ^{181}Hf , ^{196}Pt , ^{200}Hg , ^{182}Ta , ^{183}W , ^{192}Ir , ^{198}Au deduced two-quantum cascade intensities vs excitation energy, level density parameters, pairing features.

Keynumber: 1997MIZZ

Reference: Proc.9th Intern.Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Budapest, Hungary, October 1996, G.L.Molnar, T.Belgya, Zs.Revay, Eds., Vol.1, p.434 (1997)

Authors: S.Mizuno, M.Igashira, H.Kitazawa

Title: Measurements of keV-Neutron Capture Gamma Rays of 161 , 162 , ^{163}Dy

Keyword abstract: NUCLEAR REACTIONS 161 , 162 , $^{163}\text{Dy}(n,\gamma)$, $E \approx 60$ keV; measured $E\gamma, I\gamma$.

Keynumber: 1997KAZR

Reference: Proc.Intern.on Nuclear Data for Science and Technology, Trieste, Italy, 19-24 May, 1997, G.Reffo, A.Ventura, C.Grandi, Eds., Editrice Compositori, Italy, Pt.2, p.1576 (1997)

Authors: F.Kappeler, K.Wisshak, F.Voss, G.Reffo

Title: Improved (n,γ) Cross Sections in the Rare Earth Region: Implications for s- and r-Process Nucleosynthesis

Keyword abstract: NUCLEAR REACTIONS ^{141}Pr , 142 , 143 , 144 , 145 , 146 , ^{148}Nd , 160 , 161 , 162 , 163 , ^{164}Dy , 164 , $^{170}\text{Er}(n,\gamma)$, E not given; measured Maxwellian averaged σ at $kT=30$ keV. Activation technique.

Keynumber: [1997CO18](#)

Reference: Phys.Rev. C56, R1201 (1997)

Authors: F.Corminboeuf, J.Jolie, H.Lehmann, K.Fohl, F.Hoyler, H.G.Borner, C.Doll, P.E.Garrett

Title: $K(\pi) = 4^+$ Double- γ Vibration in ^{164}Dy

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=\text{reactor}$; measured $E\gamma, I\gamma, \gamma\gamma\text{-coin}, I(\text{ce})$. ^{164}Dy level deduced $J, \pi, K, T_{1/2}, B(E2)$. Gamma-ray induced Doppler broadening technique. Two-phonon vibration.

Keynumber: 1997BEZU

Reference: Proc.Intern.on Nuclear Data for Science and Technology, Trieste, Italy, 19-24 May, 1997, G.Reffo, A.Ventura, C.Grandi, Eds., Editrice Compositori, Italy, Pt.1, p.759 (1997)

Authors: J.Berzins, V.Bondarenko, P.Prokofjevs, F.Hoyler, K.Fohl, H.G.Borner, B.Krusche, S.J.Robinson, P.Schillenbeck

Title: Study of Nuclear Structure of ^{164}Dy in (n,γ) and $(n,n'\gamma)$ Reactions

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), ^{164}\text{Dy}(n,n'\gamma), E=\text{reactor}$; measured $E\gamma, I\gamma, \gamma\gamma\text{-coin}, E(\text{ce})$. ^{164}Dy deduced levels J, π , band structure.

Keynumber: 1993VA17

Reference: Bull.Rus.Acad.Sci.Phys. 57, 1758 (1993)

Authors: E.V.Vasilieva, A.V.Voinov, O.D.Kestaroova, V.D.Kulik, A.M.Sukhovoy, V.A.Khitrov, Yu.V.Kholnov, V.N.Shilin

Title: Intense Two-Quantum Cascades and the Decay Scheme of the ^{164}Dy Compound State

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=\text{thermal}$; measured $E\gamma, I\gamma$ double quantum cascades. ^{164}Dy deduced transitions, branching ratio.

Keynumber: 1988BO44

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 52, 2082 (1988); Bull.Acad.Sci.USSR, Phys.Ser. 52, No.11, 1 (1988)

Authors: S.T.Boneva, E.V.Vasileva, Yu.P.Popov, A.M.Sukhovoi, V.A.Khitrov

Title: Method of Summing the Amplitudes of Coinciding Pulses in Radiative Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{144}\text{Nd}, ^{163}, ^{165}\text{Dy}, ^{168}\text{Er}, ^{175}\text{Yb}, ^{178}, ^{179}\text{Hf}, ^{183}\text{W}(n,\gamma), E$ not given; analyzed capture- γ data. Coincident pulse amplitude summing technique.

Keynumber: 1987BO53

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 51, 1923 (1987); Bull.Acad.Sci.USSR, Phys.Ser. 51, No.11, 43 (1987)

Authors: S.T.Boneva, E.V.Vasileva, A.M.Sukhovoi

Title: Reliability of γ -Transition Scheme Determination in the Coincident Pulse Amplitude Summation Method

Keyword abstract: NUCLEAR REACTIONS $^{143}\text{Nd}, ^{163}\text{Dy}, ^{177}, ^{178}\text{Hf}(n,\gamma), E$ not given; measured γ sum spectra. $^{178}, ^{179}\text{Hf}$ deduced γ -transitions. Coincident pulse amplitude summation method.

Keynumber: 1983WA08

Reference: Phys.Rev. C27, 2292 (1983)

Authors: D.D.Warner, R.F.Casten, W.R.Kane, W.Gelletly

Title: Average Resonance Capture Studies of $^{162}, ^{164}\text{Dy}$

Keyword abstract: NUCLEAR REACTIONS $^{161}, ^{163}\text{Dy}(n,\gamma), E=2,24 \text{ keV}, \text{resonance}$; measured $E\gamma, I\gamma$. $^{162}, ^{164}\text{Dy}$ deduced levels, J, π , band structure, $B(E2)$ ratios. Average resonance capture spectroscopy, enriched targets, Ge(Li) detectors. Interacting boson approximation, geometrical models.

Keynumber: 1983CAZX

Reference: Bull.Am.Phys.Soc. 28, No.4, 702, EE11 (1983)

Authors: R.F.Casten, D.D.Warner

Title: ARC Spectroscopy of $^{162,164}\text{Dy}$: Systematics of $K^\pi = 3^+$ and 4^+ Excitations

Keyword abstract: NUCLEAR REACTIONS $^{161, 163}\text{Dy}(n,\gamma)$, $E=2,24$ keV; measured γ -transitions. $^{162, 164}\text{Dy}$ deduced $K^\pi=3^+, 4^+$ band systematics.

Keynumber: 1980HU06

Reference: J.Phys.(London) G6, 741 (1980)

Authors: P.Hungerford, W.D.Hamilton, S.M.Scott, D.D.Warner

Title: Gamma-Gamma Directional Correlation Measurements in $^{162, 164}\text{Dy}$ Following Thermal Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{161, 163}\text{Dy}(n,\gamma)$, $E=\text{th}$; measured $E_\gamma, I_\gamma, \gamma\gamma(\theta)$. $^{162, 164}\text{Dy}$ deduced levels, J, π, δ . Deformed rotor model.

Keynumber: 1978HUZY

Coden: CONF Brookhaven(Neutron Capt γ -Ray Spectr),Proc,P634,Hungerford

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$, $E=\text{thermal}$; measured $\gamma\gamma(\theta)$, oriented nuclei. ^{164}Dy deduced levels, J, π, δ .

Keynumber: 1975LI02

Reference: Phys.Rev. C11, 462 (1975)

Authors: H.I.Liou, G.Hacken, J.Rainwater, U.N.Singh

Title: Neutron Resonance Spectroscopy: The Separated Isotopes of Dy

Keyword abstract: NUCLEAR REACTIONS $^{160, 161, 162, 163, 164}\text{Dy}(n,n)$, (n,γ) , $E=1-2.5$ keV; measured total $\sigma(E)$. $^{161, 162, 163, 164, 165}\text{Dy}$ deduced resonances, n -width, γ -width.

Keynumber: 1974BA27

Reference: Nucl.Phys. A222, 525 (1974)

Authors: Y.Baudinet-Robinet

Title: Statistical Analysis of Correlations between Partial Widths of Different Channels

Keyword abstract: NUCLEAR REACTIONS $^{29}\text{Si}(\gamma,n)$, ^{169}Tm , ^{163}Dy , $^{207}\text{Pb}(n,\gamma)$; calculated correlations.

Keynumber: 1974ALYA

Coden: CONF Uppsala(Hyperfine Interactions),Contrib P120

Keyword abstract: NUCLEAR REACTIONS $^{161, 163}\text{Dy}(n,\gamma)$; measured resonance shifts from polarized targets. $^{162, 164}\text{Dy}$ levels deduced g .

Keynumber: 1973MUZU

Coden: REPT ORNL-4844,P85

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$, $E=5$ eV-5 keV; measured E_n, E_γ, I_γ ; ^{164}Dy deduced levels, J . Enriched target.

Keynumber: 1973LAYN

Coden: REPT LF-42 P1

Keyword abstract: NUCLEAR REACTIONS $^{163, 164}\text{Dy}(n,\gamma)$; measured $\sigma(E_\gamma)$. ^{164}Dy deduced levels.

^{165}Dy deduced transitions.

Keynumber: 1973KAZL

Coden: REPT JINR-P3-6948,E N Karzhavina

Keyword abstract: NUCLEAR REACTIONS $^{111}, ^{113}\text{Cd}, ^{157}\text{Gd}, ^{161}, ^{163}\text{Dy}(n,\gamma), E > \text{thermal};$ deduced $^{112}, ^{114}\text{Cd}, ^{158}\text{Gd}, ^{162}, ^{164}\text{Dy}$ resonances deduced J.

Keynumber: 1973KAYI

Coden: REPT INDC(HUN)-11/L P33

Keyword abstract: NUCLEAR REACTIONS $^{155}\text{Gd}, ^{163}\text{Dy}, ^{177}\text{Hf}(n,\gamma);$ measured $E\gamma, I\gamma.$ $^{156}\text{Gd}, ^{164}\text{Dy}, ^{178}\text{Hf}$ resonances deduced level-width.

Keynumber: 1972WAZP

Coden: REPT ORNL-4743,P78,6/7/72

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=16.5-726 \text{ eV};$ measured $E\gamma, I\gamma.$ ^{164}Dy deduced J.

Keynumber: 1972WAYP

Reference: ORNL-4743, p.78 (1972)

Authors: O.A.Wasson, G.G.Slaughter

Title: Determination of Resonance Spins for $^{163}\text{Dy}(n,\gamma)^{164}\text{Dy}$

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=16.5-726 \text{ eV};$ measured $E\gamma, I\gamma.$ ^{164}Dy deduced resonances, levels, $J, \pi.$

Keynumber: 1972SLZV

Coden: JOUR BAPSA 17 580,G G Slaughter,4/17/72

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=\text{resonance};$ measured $I\gamma.$ ^{164}Dy resonances deduced J.

Keynumber: 1972MUZP

Coden: CONF Budapest, Contributions, P214, S Mughabghab, 10/13/72

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}, ^{173}\text{Yb}(n,\gamma), E < 253 \text{ eV};$ measured $\sigma(E; E\gamma).$ $^{164}\text{Dy}, ^{174}\text{Yb}$ deduced resonances, J.

Keynumber: 1972LAYK

Coden: REPT NP-19337,P1

Keyword abstract: NUCLEAR REACTIONS $^{163}, ^{164}\text{Dy}(n,\gamma);$ $^{164}, ^{165}\text{Dy}$ deduced levels.

Keynumber: 1972DA28

Reference: Zh.Eksp.Teor.Fiz. 62, 425 (1972); Sov.Phys.JETP 35, 227 (1972)

Authors: L.S.Danelyan, A.M.Demidov, S.V.Krupin, S.K.Sotnikov, A.Zarandi, B.Kardon, L.Szabo, Z.Seres

Title: Correlation of the Partial Radiation and Neutron Widths in the $^{163}\text{Dy}(n,\gamma)^{164}\text{Dy}$ Reaction

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma), E=16-204 \text{ eV};$ measured $E\gamma, I\gamma.$ ^{164}Dy levels deduced level-width, $J, \pi.$

Keynumber: 1971DO19

Reference: Int.J.Mass Spectrom.Ion Phys. 6, 435 (1971)

Authors: R.Dobrozemsky, F.Pichlmayer, F.P.Viehbock

Title: Massenspektrometrische Bestimmung der Neutronen-Einfangsquerschnitte von Isotopen der Seltenen Erden

Keyword abstract: NUCLEAR REACTIONS $^{147, 148}\text{Sm}$, $^{154, 158}\text{Gd}$, $^{160, 161, 162, 163}\text{Dy}$, ^{166}Er , $^{170, 171, 172, 173}\text{Yb}(n,\gamma)$, $E=\text{pile,thermal}$; measured σ ; deduced effective resonance integral.

Keynumber: 1971DAYW

Coden: REPT IAE-2170,mf

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$; measured $E\gamma, I\gamma$. ^{164}Dy levels deduced n-width, γ -width.

Keynumber: 1970VEZZ

Coden: REPT BNL-tr-495,V P Vertebnyi,1/3/73

Keyword abstract: NUCLEAR REACTIONS $^{161, 162, 163, 164}\text{Dy}(n,X)$, (n,γ) , $E < 1$ eV; measured $\sigma(nT)$ (E). $^{11}\text{B}, \text{C}, \text{V}, \text{Cu}$, $^{63, 65}\text{Cu}, \text{Ge}$, $^{70, 72, 73, 74}\text{Ge}, \text{Cd}$, $^{110, 111, 112, 114, 116}\text{Cd}, \text{Ce}$, $^{140, 142}\text{Ce}$, $^{153}\text{Eu}, \text{Dy}$, $^{161, 162, 163, 164}\text{Dy}, \text{Ho}, \text{Er}$, $^{162, 164, 166, 167, 168, 170}\text{Er}, \text{Yb}, \text{Lu}, \text{Pb}(n,n)$, $E < 10$ eV; measured $\sigma(E)$.

Keynumber: 1970MU19

Reference: Phys.Rev.Lett. 25, 1670 (1970)

Authors: S.F.Mughabghab, R.E.Chrien, O.A.Wasson

Title: Evidence for Nonstatistical Effects in the Reaction $\text{Dy}^{163}(n,\gamma)\text{Dy}^{164}$

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$, $E=\text{resonance}$; measured $E\gamma, I\gamma$; deduced nonstatistical effects. ^{164}Dy deduced resonance structure.

Keynumber: 1970HAYE

Reference: IN-1317, p.85 (1970); Priv.Comm. (July 1972); See Also 68Sp07, 69Ha58

Authors: R.A.Harlan

Title: Levels in ^{164}Dy from 2-keV Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$, $E=2$ keV; measured $E\gamma, I\gamma$. ^{164}Dy deduced levels, J, π .

Keynumber: 1969HAZR

Reference: Bull.Am.Phys.Soc. 14, No.12, 1236, EF9 (1969)

Authors: R.A.Harlan, R.R.Spencer, K.T.Faler

Title: Levels in ^{164}Dy Populated by Resonance Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{163}\text{Dy}(n,\gamma)$, $E=1.71, 16.25$ eV; measured $E\gamma, I\gamma$. ^{164}Dy deduced resonances, levels, J, π .

Keynumber: 1968SPZZ

Reference: IN-1218, p.123 (1968)

Authors: R.R.Spencer, K.T.Faler, R.A.Harlan

Title: Resonance Neutron-Capture Gamma-Ray Studies of ^{148}Sm , ^{156}Gd , ^{158}Gd , and ^{164}Dy

Keyword abstract: NUCLEAR REACTIONS ^{147}Sm , $^{155, 157}\text{Gd}$, $^{163}\text{Dy}(n,\gamma)$, $E=\text{resonance}$; measured $E\gamma, I\gamma$; deduced Q. ^{148}Sm , $^{156, 158}\text{Gd}$, ^{164}Dy deduced levels.

Keynumber: 1966VO04

Reference: Nucl.Phys. 82, 441 (1966)

Authors: R.H.Vogt

Title: Gamma-Ray Spectra of ^{124}Te , ^{164}Dy , ^{178}Hf and ^{183}W from the Radiative Capture of Neutrons at Resonances

Keyword abstract: NUCLEAR REACTIONS ^{123}Te , ^{163}Dy , ^{177}Hf , $^{182}\text{W}(n,\gamma)$ $1 < E < 5$ eV; measured E_γ , $\gamma\text{-}$ coin. ^{124}Te , ^{164}Dy , ^{178}Hf , ^{183}W deduced levels. Natural targets.
