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18 reference(s) found :

Keynumber: 2000MAZQ

Reference: INDC(CPR)-052/L, p.93 (2000)

Authors: G.Ma, X.Luo

Title: Evaluation of Complete Neutron Nuclear Data for ^{206}Pb

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(\text{n},\text{X})$, (n,n') , (n,xn) , (n,γ) , $E < 20$ MeV; compiled,evaluated σ .

Keynumber: 1983HU13

Reference: Z.Phys. A313, 349 (1983)

Authors: P.Hungerford, T.von Egidy, H.H.Schmidt, S.A.Kerr, H.G.Borner, E.Monmand

Title: Neutron Binding and Excitation Energies of some Pb Isotopes

Keyword abstract: NUCLEAR REACTIONS 204 , 206 , $^{207}\text{Pb}(\text{n},\gamma)$, $E=\text{thermal}$; measured $E\gamma$, $I\gamma$ following neutron capture. 205 , 207 , ^{208}Pb deduced improved level,neutron binding energies.

Keynumber: 1980LI08

Reference: Nucl.Phys. A339, 205 (1980)

Authors: A.Lindholm, L.Nilsson, M.Ahmad, M.Anwar, I.Bergqvist, S.Joly

Title: Direct-Semidirect and Compound Contributions to Radiative Neutron Capture Cross Sections

Keyword abstract: NUCLEAR REACTIONS ^{40}Ca , ^{58}Ni , ^{89}Y , $^{206}\text{Pb}(\text{n},\gamma)$, $E=0.5-11$ MeV; measured $E\gamma$, $I\gamma$. ^{41}Ca , ^{59}Ni , ^{90}Y , ^{207}Pb levels deduced production $\sigma(E)$. Compound nucleus,direct-semidirect model analysis.

Keynumber: 1979LIZL

Coden: REPT TLU-66/79,Lindholm

Keyword abstract: NUCLEAR REACTIONS ^{40}Ca , ^{59}Ni , ^{89}Y , $^{206}\text{Pb}(\text{n},\gamma)$, $E=2.5-11$ MeV; measured $E\gamma$, $I\gamma$, σ . direct-semidirect,compound nucleus model analysis.

Keynumber: 1978MIZW

Coden: JOUR BAPSA 23 637 KL11,Mizumoto

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(\text{n},\text{n}'\gamma)$, (n,γ) , $E < 45$ keV; measured γ -spectra. ^{207}Pb deduced resonances, J,π .

Keynumber: 1978MIZQ

Coden: CONF BNL(Neutron Capt γ -Ray Spectr),Contrib,No55,Mizumoto

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(\text{n},\gamma)$, $E=3.36-25.2$ keV; measured $\sigma(E)$. ^{207}Pb levels deduced $\Gamma\gamma$, $\Gamma\gamma(\text{M1})$, $\Gamma\gamma(\text{E1})$, M1 strength function.

Keynumber: 1978MIZH

Coden: CONF Brookhaven(Neutron Capt γ -Ray Spectr),Proc,P699,Mizumoto

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(\text{n},\gamma)$, $E=\text{resonance}$; measured $E\gamma$, $I\gamma$. ^{207}Pb resonances deduced $\Gamma\gamma$ for (M1) transition, γ -strength function.

Keynumber: 1976LE10

Reference: Phys.Rev. C13, 2585 (1976)

Authors: A.Lev, W.P.Beres

Title: Doorway Effects in the $^{206}\text{Pb}(n,\gamma)^{207}\text{Pb}$ Cross Section

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$, $E=0-2$ MeV; calculated σ for S-waves. Particle-vibration doorways.

Keynumber: 1974LE21

Reference: Phys.Rev. C10, 1223 (1974)

Authors: A.Lev, W.P.Beres

Title: Imaginary Optical Potential in ^{206}Pb and its Comparison to ^{208}Pb

Keyword abstract: NUCLEAR REACTIONS $^{206}, ^{208}\text{Pb}(n,\gamma)$, $E=0-12$ MeV; calculated imaginary optical potential, $\sigma(E)$.

Keynumber: 1974KA03

Reference: Nucl.Instrum.Methods 114, 153 (1974)

Authors: Y.Kawarasaki

Title: Transmission of Lead-Capture Gamma Rays with a Tin Absorber

Keyword abstract: NUCLEAR REACTIONS $^{204}, ^{206}\text{Pb}(n,\gamma)$; measured $E\gamma$; $\text{Sn}(\gamma,X)$; measured σ .

Keynumber: 1974HAWV

Coden: REPT CONF-740419

Keyword abstract: NUCLEAR REACTIONS $^{206}, ^{207}\text{Pb}(n,\gamma)$, $E=20-1000$ keV; measured total $\sigma, \sigma(E, E\gamma)$. ^{207}Pb deduced resonances. ^{208}Pb resonances deduced J, π . $^{91}\text{Zr}(\gamma, n)$; $^{234}\text{U}(n, X)$, (n, F) , $E < 1400$ eV; ^{240}Pu , $^{238}\text{U}(n, F)$; measured σ . ^{91}Zr resonances deduced level-width. ^{237}Np , $^{235}\text{U}(n, F)$; measured σ . ^{238}Np , ^{236}U resonances deduced J .

Keynumber: 1974ALZJ

Coden: REPT USNDC-11 P196

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$; measured $\sigma(E\gamma)$. ^{207}Pb deduced no doorway.

Keynumber: 1973ALZL

Coden: REPT ORNL-4844,P88

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$, $E=260-680$ keV; measured $\sigma(n\gamma)$. Deduced little or no enhancement of γ -width for $L=0$ levels, but $L=1$ enhancement. Enriched target.

Keynumber: 1973AL18

Reference: Phys.Rev. C8, 1504 (1973)

Authors: B.J.Allen, R.L.Macklin, R.R.Winters, C.Y.Fu

Title: Neutron-Capture Cross Sections of the Stable Lead Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{204}, ^{206}, ^{207}, ^{208}\text{Pb}(n,\gamma)$, $E > 2.5$ keV; measured $\sigma(E; E\gamma)$. $^{205}, ^{207}, ^{208}, ^{209}\text{Pb}$ deduced resonances, level-width.

Keynumber: 1973AL07

Reference: Phys.Rev. C7, 2598 (1973)

Authors: B.J.Allen, R.L.Macklin, C.Y.Fu, R.R.Winters

Title: Comments on the Doorway State in ^{206}Pb

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$, $E=200-807$ keV; measured $\sigma(E)$. ^{207}Pb deduced resonances, level-width.

Keynumber: 1970ZI02

Reference: Phys.Lett. 33B, 205 (1970)

Authors: J.Zimanyi, I.Halpern, V.A.Madsen

Title: On the Effective Charge Factor for the Radiative Capture of Fast Nucleons

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$, $E=1.5-8.5$ MeV; measured nothing; analyzed $\sigma(E;E\gamma)$. ^{207}Pb deduced effective charge factors for levels.

Keynumber: 1970BE25

Reference: Nucl.Phys. A153, 553 (1970)

Authors: I.Bergqvist, B.Lundberg, L.Nilsson

Title: Cross Sections for High-Energy γ -Transitions from MeV Neutron Capture In ^{206}Pb

Keyword abstract: NUCLEAR REACTIONS $^{206}\text{Pb}(n,\gamma)$, $E=1.5-8.5$ MeV; measured $\sigma(E;E\gamma)$. Target: radiogenic lead.

Keynumber: 1967BA71

Reference: RPI-328-97, p.24 (1967)

Authors: Z.M.Bartolome, J.R.Tatarczuk, W.R.Moyer, R.C.Block

Title: Neutron Radiative Capture Measurements on Lead, Fluorine, Magnesium, and Sulfur

Keyword abstract: NUCLEAR REACTIONS ^{19}F , Mg, S, Pb, 204 , 206 , $^{207}\text{Pb}(n,\gamma)$, $E=1-100$ keV; measured $\sigma(E)$. ^{20}F , Mg, S, 205 , 207 , ^{208}Pb deduced resonances, level-width.
