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**7 reference(s) found :**

**Keynumber:** 1997PA24

**Reference:** Bull.Rus.Acad.Sci.Phys. 61, 163 (1997)

**Authors:** I.V.Panov

**Title:** Radiative Neutron Capture and r-Process

**Keyword abstract:** NUCLEAR REACTIONS <sup>116, 118, 120, 122, 124, 119</sup>Sn, <sup>120, 125, 126, 122, 124, 128, 130</sup>Te(n,γ),E=30 keV; calculated capture σ; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

**Keyword abstract:** NUCLEAR STRUCTURE A=110-140; A=140-180; A=230-270; calculated 30 keV neutron capture σ on neutron rich Cd,Pr,U isotopes; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

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**Keynumber:** 1994HO39

**Reference:** Czech.J.Phys. 44, 11 (1994)

**Authors:** J.Honzatko, K.Konecny, I.Tomandl

**Title:** A Study of the <sup>125</sup>Te(n,γ)<sup>126</sup>Te Reaction with Thermal Neutrons

**Keyword abstract:** NUCLEAR REACTIONS <sup>125</sup>Te(n,γ),E=thermal; measured Eγ,Iγ,σ(E). <sup>126</sup>Te deduced transitions,levels,J,π,neutron separation energy. Comparison with model predictions.

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**Keynumber:** [1992WI05](#)

**Reference:** Phys.Rev. C45, 2470 (1992)

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

**Title:** Neutron Capture in <sup>122, 123, 124</sup>Te: Critical test for s process studies

**Keyword abstract:** NUCLEAR REACTIONS <sup>122, 123, 124, 125, 126</sup>Te(n,γ),E=10-200 keV; measured capture σ relative to gold standard; deduced Maxwellian averaged σ between kT=10 and 100 keV.

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**Keynumber:** 1978POZP

**Coden:** CONF BNL(Neutron Capt γ-Ray Spectr),Contrib,No63,Ponomarev

**Keyword abstract:** NUCLEAR REACTIONS <sup>125</sup>Te(n,γ); calculated B(M1),M1-strength function. <sup>126</sup>Te deduced some enhancement in B(M1) at excitation energy near B(n).

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**Keynumber:** 1976GRZA

**Coden:** CONF Lowell(Interactions of Neutrons),CONF-760715-P2,Vol2 P1297

**Keyword abstract:** NUCLEAR REACTIONS <sup>125</sup>Te(n,γ),E=2,24 keV; measured γ-spectra. <sup>126</sup>Te deduced levels,J,π.

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**Keynumber:** 1976CHZG

**Coden:** JOUR BAPSA 21 1009 EF6

**Keyword abstract:** NUCLEAR REACTIONS <sup>125</sup>Te(n,γ),E=2-24 keV; measured σ. <sup>126</sup>Te deduced levels.

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**Keynumber:** 1974BE53

**Reference:** Yad.Fiz. 20, 252 (1974); Sov.J.Nucl.Phys. 20, 133 (1975)

**Authors:** A.A.Bergman, S.A.Romanov

**Title:** Study of the Cross Sections for Radiative Capture of Neutrons by Tellurium Isotopes and their

Application to the Theory of the Origin of the Elements

**Keyword abstract:** NUCLEAR REACTIONS  $^{122}, ^{123}, ^{124}, ^{125}, ^{126}, ^{128}, ^{130}\text{Te}(n,\gamma), E=0.1-60 \text{ keV}$ ;  
measured  $\sigma(E, E\gamma)$ .

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