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Keynumber: 2001BE69
Reference: Yad.Fiz. 64, No 11, 1987 (2001); Phys.Atomic Nuclei 64, 1901 (2001)
Authors: A.G.Belov, Yu.P.Gangrsky, L.M.Melnikova, V.Yu.Ponomarev, N.Tsoneva, Ch.Stoyanov, A.Tonchev, N.Balabanov
Title: Excitation of Isomeric $1h_{11/2}$ States in Nuclear Reactions Induced by γ Rays and Neutrons and in Beta Decay
Keyword abstract: NUCLEAR REACTIONS ^{134}Xe, ^{136}Ba, ^{138}Ce(n,γ),E ≈ 6.5-7.5 MeV; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ,n),E ≈ 3.5-6.1 MeV; measured activation yields,isomeric ratios. Comparison with model predictions.
Keyword abstract: RADIOACTIVITY ^{139}Pr, ^{141}Pm, ^{143}Eu(β^+); measured Eγ,Iγ. ^{139}Ce, ^{141}Nd, ^{143}Sm; deduced probability for isomer population.

Keynumber: 2000YUZW
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Keynumber: 2000BEZV
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Keyword abstract: NUCLEAR REACTIONS ^{134}Xe, ^{136}Ba, ^{138}Ce(n,γ),E=6.5-7.5 MeV; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ,n),E=3.5-6.1 MeV; measured isomer production ratios. Activation technique,comparison with model predictions.
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