^{136}Eu εp decay (3.3 s+3.8 s) 1989Vi04

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, Alexander A. Rodionov And Yuri L. Khazov	NDS 109, 517 (2008)	22-Jan-2008

Parent: ^{136}Eu: E=x; $J^{\pi}=(7^+)$; $T_{1/2}$=3.3 s *3*; Q(εp)=6430 *SY*; %εp decay=0.09
Parent: ^{136}Eu: E=y; $J^{\pi}=(3^+)$; $T_{1/2}$=3.8 s *3*; Q(εp)=6430 *SY*; %εp decay=0.09
^{136}Eu(y)-Q(εp): Uncertainty=200 (2003Au03).
^{136}Eu(y)-%εp decay: %εp=0.09 (1989Vi04) for 3.3-S and/or 3.8-S activity.
Decay of g.s. and isomer decay.
1989Vi04: ^{92}Mo(^{46}Ti,pn),E=192 MeV. Measured p, γ, γγ, Xγ, γ(t).