^{9}Be(^{238}U,X) 2006PoZX

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

E/α=900 MeV.

^{208}Fr Levels

The authors′ proposed level scheme is based on similarities with the ^{206}At isotone. The authors state that the internal conversion coefficient of the 194γ extracted from an intensity balance, As well As the deduced transition strength, is consistent with the proposed level scheme.

E(level)	J^π	$T_{1/2}$	Comments
0	7^+		J^π: from Adopted Levels.
633	(9^+)		
827	(10^-)	≈200 ns	

γ(^{208}Fr)

E_γ	E_i(level)	J_i^π	E_f	J_f^π	Mult.	Comments
194	827	(10^-)	633	(9^+)	[E1]	B(E1)(W.u.)≈1.3×10^{-7}
633	633	(9^+)	0	7^+		

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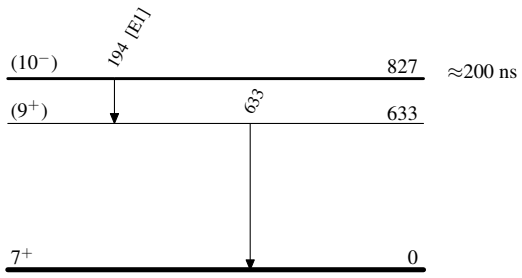
Level Scheme



$^{208}_{87}Fr_{121}$