(HI,xnγ) 2006PoZX

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 108, 1057 (2007)	1-Mar-2007

2006PoZX: Be(^{238}U,X), E=900 MeV/A; Fragment Separator (FRS), 6 clover-style germanium detectors, Time of flight; measured prompt and delayed Eγ, Iγ, (recoil)γ-, γγ-coin. ^{216}Ac gamma, possible isomeric state $T_{1/2}$.

^{216}Ac Levels

E(level)	$T_{1/2}$	Comments
0.0+x		E(level): The strong Ac X-ray shown in the delayed spectrum suggests the existence of a low energy transition to the ground state. J^π: 2006PoZX referred to this level as the $J^\pi=(9^-)$ isomeric state.
322+x	≈300 ns	J^π: probably a high J state.

γ(^{216}Ac)

E_γ	E_i(level)	E_f
322	322+x	0.0+x

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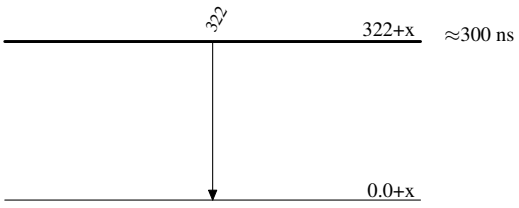
Level Scheme



$^{216}_{89}Ac_{127}$