$^{206}\text{Pb}(^{36}\text{Ar},^{36}\text{Ar}'\gamma)$ **1971Na06**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh	NDS 113, 1 (2012)	31-Dec-2011

1971Na06: E=150 MeV; Coulomb excitation, measured ^{36}Ar-γ coincidences, $\theta(\text{Ar})$=99,160°, and deduced Q and B(E2)↑.

^{36}Ar Levels

E(level)	$J^{\pi\dagger}$	$T_{1/2}$	Comments
0.0	0^+		
1970	2^+	305 fs 49	$T_{1/2}$: deduced by evaluators from B(E2)↑.
			Q: +0.11 6 (1971Na06).

$\dagger$ ADOPTED values.

$\gamma(^{36}\text{Ar})$

E_γ	$I_\gamma{}^\dagger$	E_i(level)	J_i^π	E_f	J_f^π	Mult.†	Comments
1970	100	1970	2^+	0.0	0^+	E2	B(E2)↑=9.1 14 (1971Na06).

$\dagger$ From Adopted Levels, Gammas dataset.

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Level Scheme

Intensities: Relative I_γ