^{36}Ar$(\alpha,\alpha),(\alpha,\alpha')$ 1992Ko01

History

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

1992Ko01: E=40, 48, 54 MeV; measured $\sigma(\theta)$ and did coupled-channel analysis.

Others: 1976Yo02, 1975Mo04 (both measuring giant resonances), 1972Oe01 ((α,α) and (α,α') reactions), 1970Wa33, 1969Ga22 (both (α,α) reaction).

^{36}Ar Levels

E(level)	$J^{\pi\dagger}$
0.0	0^+
1970	2^+
4180	3^-
4410	4^+

† From angular distribution and coupled-channel fit (1992Ko01).