^{39}K(P,2pγ) 1966Ne04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 152, 1 (2018)	30-Sep-2017

1966Ne04: E=150 MeV proton beam was produced from the synchrocyclotron at AERE Harwell. Target was 3.93 g/cm^2 natural potassium metal (93% in ^{39}K). Reaction products were detected by two plastic scintillation counters and γ rays were detected by a well-shielded sodium iodide crystal. Measured Eγ, pγ-coin σ(Eγ). Deduced levels.

^{38}Ar Levels

E(level)
0
2200
3810

γ(^{38}Ar)

E$_\gamma$	dσ/[dΩ(1)dΩ(2)] (mb/sr^2)	E$_i$(level)	E$_f$
1.65×10^3 *7*	0.9 *3*	3810	2200
2.20×10^3 *7*	2.5 *4*	2200	0
^{x}2.9×10^3 *10*	1.1 *3*		
^{x}3.6×10^3 *10*	1.2		
^{x}4.4×10^3 *20*	0.6		

^{x} γ ray not placed in level scheme.