^{40}Ca(P,3pγ) 1966Ne03

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

1966Ne03: E=150 MeV proton beam was produced from the Harwell synchrocyclotron. Target was 3.6 g/cm^2 calcium. Scattered protons were detected with a telescope of three scintillation counters and γ rays were detected with a gamma counter. Measured Eγ, pγ-coin, σ(E$_p$,Eγ,θ). Deduced levels.

^{38}Ar Levels

E(level)	dσ/[dΩ(1)dΩ(2)] (mb/sr^2)
0	
2170	1.1 *3*
3820	1.0 *3*

γ(^{38}Ar)

E$_\gamma$	E$_i$(level)	E$_f$
1650	3820	2170
2170	2170	0

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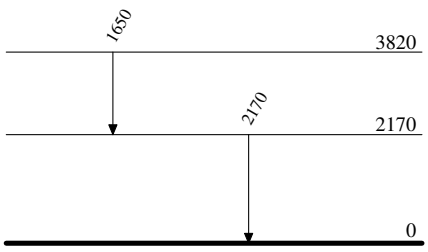
Level Scheme



$^{38}_{18}Ar_{20}$