^{40}Ca(^{20}Ne,3n) E=70 MeV 1976Vi02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. R. Bhat	NDS 85, 415 (1998)	24-Sep-1998

Si telescopes; measured three $\beta\pm$delayed proton groups (1.95 MeV *5*, 2.58 MeV *5*, and 4.65 MeV *5*). The half-life of each group was consistent with $T_{1/2\ 1/2}$=40 ms *10* deduced from the sum of the three groups. Assignment was based on compatibility with calculated threshold for the reaction. Total delayed-proton yield at 70 MeV was ≈60 nb. These three groups were also observed at 66 MeV with the same relative I′s, E′s, and $T_{1/2\ 1/2}$′s.

^{57}Zn Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0?	$(7/2^-)$	40 ms *10*	%ε+%β^+=100; %β^+p≥65 T=(3/2) J^π,T: from systematics.