^{14}N(γ,n)

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell	NDS 198,1 (2024)	1-Aug-2024

1960Ki02: ^{14}N(γ,n) $E_{\beta rem}$=25 MeV; measured excitation function. Deduced $T_{1/2}$=9.93 min *5*.
1962Ko23: ^{14}N(γ,n) $E_{\beta rem}$=90 MeV; measured excitation function.
1963Fu06: ^{14}N(γ,n) $E_{\beta rem}$=30.5 MeV; measured excitation function.
1970Sh06: ^{14}N(γ,nX) $E_{\beta rem}$=15 MeV and $E_{\beta rem}$=30 MeV; analyzed neutron spectrum.
1971An08: ^{14}N(γ,n) 150<E<950 MeV; calculated meson effects.
1971Fr11: ^{14}N(γ,n) E=100-800 MeV; measured σ(E); searched for meson effects.
1972Ge11: ^{14}N(γ,n) E=15.5-29.5 MeV; measured σ(E,E_n).
1972Go23: ^{14}N(γ,n) E<30 MeV; calculated σ.
1978Di12: ^{14}N(γ,n); analyzed reaction dynamics.
1980Ju02: ^{14}N(γ,n_0) E=17-26 MeV; measured σ(E).
1999Ab39, 1999Ab40: ^{14}N(γ,n) $E_{\beta rem}$=20 MeV; measured yields.

^{13}N Levels

E(level)
0