

$^{14}\text{N}(t,\alpha)$ 1962Si04

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|--|---------|------------------|------------------------|
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1962Si04: $^{14}\text{N}(t,\alpha)$ E=2.6 MeV; α spectra were measured at $\theta_{\text{lab}}=30^\circ$ and 90° with a double-focusing magnetic spectrometer. ^{13}C levels up to 12 MeV were analyzed.

1964Sc09: $^{14}\text{N}(t,\alpha)$ E=1-2 MeV; measured differential cross sections for $^{13}\text{C}^*(0,3.085,3.680+3.850,6.868)$.

 ^{13}C Levels

| E(level) | Γ & | Comments |
|-----------------------|------------|---|
| 0 | | |
| 3085# | | E(level): Reported (1962Si04,1964Sc09). |
| 3680#@ | | |
| 3850#@ | | |
| 6868# | <30 keV | |
| 7498#@ | | |
| 7553#@ | | |
| 7680#@ | | |
| 8860 [†] 20 | 145 keV 20 | |
| 9509 [‡] | <30 keV | |
| 9897 [‡] | <30 keV | |
| 10736 [†] 20 | <30 keV | |
| 10809 [†] 20 | <30 keV | |
| 11000 [†] 20 | <30 keV | |
| 11078 [†] 20 | <30 keV | |
| 11721 [†] 30 | 125 keV 20 | |
| 12131 [†] 30 | 125 keV 30 | |

[†] From (1962Si04).

[‡] Used as energy references for other E_x in (1962Si04).

Reported in (1962Si04,1964Sc09).

@ Unresolved.

& From (1962Si04). Level widths have had an instrumental width of 65 keV unfolded from them and are estimated to be <30 keV where the instrumental width was dominant (1962Si04).